

Region 4 Education Service Center (ESC)

Contract # R240901

for

HVAC Solutions, Related Products and Services

with

Daikin Applied

Effective: January 1, 2025

The following documents comprise the executed contract between the Region 4 Education Service Center and Daikin Applied, effective January 1, 2025:

- I. Vendor Contract and Signature Form
- II. Supplier's Response to the RFP, incorporated by reference

Contract

*This Contract ("**Contract**") is made as of January 1, 2025 by and between Daikin Applied ("**Contractor**") and Region 4 Education Service Center ("**Region 4 ESC**") for the purchase of HVAC Solutions, Related Products & Services ("the products and services").*

RECITALS

WHEREAS, Region 4 ESC issued Request for Proposals Number 24-09 for HVAC Solutions, Related Products & Services ("RFP"), to which Contractor provided a response ("**Proposal**"); and

WHEREAS, Region 4 ESC selected Contractor's Proposal and wishes to engage Contractor in providing the services/materials described in the RFP and Proposal;

WHEREAS, both parties agree and understand the following pages will constitute the Contract between the Contractor and Region 4 ESC, having its principal place of business at 7145 West Tidwell Road, Houston, TX 77092.

WHEREAS, Contractor included, in writing, any required exceptions or deviations from these terms, conditions, and specifications; and it is further understood that, if agreed to by Region 4 ESC, said exceptions or deviations are incorporated into the Contract.

WHEREAS, this Contract consists of the provisions set forth below, including provisions of all attachments referenced herein. In the event of a conflict between the provisions set forth below and those contained in any attachment, the provisions set forth below shall control.

WHEREAS, the Contract will provide that any state and local governmental entities, public and private primary, secondary and higher education entities, non-profit entities, and agencies for the public benefit ("**Public Agencies**") may purchase products and services at prices indicated in the Contract upon the Public Agency's registration with OMNIA Partners.

- 1) **Term of agreement.** The initial term of the Contract is for a period of three (3) years unless terminated, canceled or extended as otherwise provided herein. Region 4 ESC shall have the right in its sole discretion to renew the Contract for an additional term of up to two (2) years or for a lesser period of time as determined by Region 4 ESC by providing written notice to the Contractor of Region 4 ESC's intent to renew thirty (30) days prior to the expiration of the original term. Contractor acknowledges and understands Region 4 ESC is under no obligation whatsoever to extend the term of this Contract. Notwithstanding the forgoing paragraph, the term of the Contract, including any extension of the original term, shall be further extended until the expiration of any Purchase Order issued under the Contract for a period of up to one year beyond the Contract term.
- 2) **Scope:** Contractor shall perform all duties, responsibilities and obligations, set forth in this agreement, and described in the RFP, incorporated herein by reference as though fully set forth herein.
- 3) **Form of Contract.** The form of Contract shall be the RFP, the Offeror's proposal and Best and Final Offer(s).

- 4) Order of Precedence. In the event of a conflict in the provisions of the Contract as accepted by Region 4 ESC, the following order of precedence shall prevail:
- i. This Contract
 - ii. Offeror's Best and Final Offer
 - iii. Offeror's proposal
 - iv. RFP and any addenda
- 5) Commencement of Work. The Contractor is cautioned not to commence any billable work or provide any material or service under this Contract until Contractor receives a purchase order for such work or is otherwise directed to do so in writing by Region 4 ESC.
- 6) Entire Agreement (Parol evidence). The Contract, as specified above, represents the final written expression of agreement. All agreements are contained herein and no other agreements or representations that materially alter it are acceptable.
- 7) Assignment of Contract. No assignment of Contract may be made without the prior written approval of Region 4 ESC. Contractor is required to notify Region 4 ESC when any material change in operations is made (i.e., bankruptcy, change of ownership, merger, etc.).
- 8) Novation. If Contractor sells or transfers all assets or the entire portion of the assets used to perform this Contract, a successor in interest must guarantee to perform all obligations under this Contract. Region 4 ESC reserves the right to accept or reject any new party. A change of name agreement will not change the contractual obligations of Contractor.
- 9) Contract Alterations. No alterations to the terms of this Contract shall be valid or binding unless authorized and signed by Region 4 ESC.
- 10) Adding Authorized Distributors/Dealers. Contractor is prohibited from authorizing additional distributors or dealers, other than those identified at the time of submitting their proposal, to sell under the Contract without notification and prior written approval from Region 4 ESC. Contractor must notify Region 4 ESC each time it wishes to add an authorized distributor or dealer. Purchase orders and payment can only be made to the Contractor unless otherwise approved by Region 4 ESC. Pricing provided to members by added distributors or dealers must also be less than or equal to the Contractor's pricing.

11) TERMINATION OF CONTRACT

- a) Cancellation for Non-Performance or Contractor Deficiency. Region 4 ESC may terminate the Contract if purchase volume is determined to be low volume in any 12-month period. Region 4 ESC reserves the right to cancel the whole or any part of this Contract due to failure by Contractor to carry out any obligation, term or condition of the contract. Region 4 ESC may issue a written deficiency notice to Contractor for acting or failing to act in any of the following:
- i. Providing material that does not meet the specifications of the Contract;
 - ii. Providing work or material was not awarded under the Contract;
 - iii. Failing to adequately perform the services set forth in the scope of work and specifications;
 - iv. Failing to complete required work or furnish required materials within a reasonable amount of time;

- v. Failing to make progress in performance of the Contract or giving Region 4 ESC reason to believe Contractor will not or cannot perform the requirements of the Contract; or
- vi. Performing work or providing services under the Contract prior to receiving an authorized purchase order.

Upon receipt of a written deficiency notice, Contractor shall have a reasonable amount of time to provide a satisfactory response to Region 4 ESC. Failure to adequately address all issues of concern may result in Contract cancellation. Upon cancellation under this paragraph, and upon payment for work and materials already performed or furnished, all goods, materials, work, documents, data and reports prepared by Contractor under the Contract shall immediately become the property of Region 4 ESC.

b) Reserved.

- c) Delivery/Service Failures. Failure to deliver goods or services within a mutually agreed time frame or failure to make repairs, replacements or corrections in accordance with the applicable warranty (as defined below) shall constitute grounds for the Contract to be terminated, subject to the provisions set forth in Section 11.a) providing for notice to Contractor and Contractor's reasonable opportunity to cure any alleged unmet performance obligation.

- d) Force Majeure. If by reason of Force Majeure, either party hereto shall be rendered unable wholly or in part to carry out its obligations under this Agreement then such party shall give notice and full particulars of Force Majeure in writing to the other party within a reasonable time after occurrence of the event or cause relied upon, and the obligation of the party giving such notice, so far as it is affected by such Force Majeure, shall be suspended during the continuance of the inability then claimed, except as hereinafter provided, but for no longer period, and such party shall endeavor to remove or overcome such inability with all reasonable dispatch.

The term Force Majeure as employed herein, shall mean acts of God, strikes, lockouts, or other industrial disturbances, act of public enemy, orders of any kind of government of the United States or the State of Texas or any civil or military authority; insurrections; riots; epidemics; landslides; lighting; earthquake; fires; hurricanes; storms; floods; washouts; droughts; arrests; restraint of government and people; civil disturbances; explosions, breakage or accidents to machinery, pipelines or canals, or other causes not reasonably within the control of the party claiming such inability. It is understood and agreed that the settlement of strikes and lockouts shall be entirely within the discretion of the party having the difficulty, and that the above requirement that any Force Majeure shall be remedied with all reasonable dispatch shall not require the settlement of strikes and lockouts by acceding to the demands of the opposing party or parties when such settlement is unfavorable in the judgment of the party having the difficulty.

- e) Standard Cancellation. Region 4 ESC may cancel this Contract in whole or in part by providing written notice. The cancellation will take effect 30 business days after the other party receives the notice of cancellation. After the 30th business day all work will cease following completion of final purchase order. Any purchase order, service order or agreement to procure goods and services already accepted by Contractor prior to such termination shall continue through its fulfillment and payment, notwithstanding any termination of this Contract

- 12) Licenses. Contractor shall maintain in current status all federal, state and local licenses, bonds and permits required for the operation of the business conducted by Contractor. Contractor shall remain fully informed of and in compliance with all ordinances and regulations pertaining to the lawful provision of services under the Contract. Region 4 ESC reserves the right to stop work and/or cancel the Contract if Contractor's license(s) expire, lapse, are suspended or terminated.

- 13) Survival Clause. All applicable software license agreements, warranties or service agreements that are entered into between Contractor and Region 4 ESC under the terms and conditions of the Contract shall survive the expiration or termination of the Contract. All Purchase Orders issued and accepted by Contractor shall survive expiration or termination of the Contract for a period of up to one year beyond the term of the Contract.
- 14) Delivery. Conforming product shall be shipped within 7 days of receipt of Purchase Order or as otherwise indicated by Contractor or the applicable manufacturer. If delivery is not or cannot be made within this time period, the Contractor must receive authorization for the delayed delivery. The order may be canceled if the estimated shipping time is not acceptable. All deliveries shall be freight prepaid, F.O.B. first destination and shall be included in all pricing offered unless otherwise clearly stated in writing.
- 15) Inspection & Acceptance. If defective or incorrect material is delivered, Region 4 ESC may make the determination to return the material to the Contractor at no cost to Region 4 ESC provided that before such return Region 4 ESC and contractor have mutually agreed on a timeframe within which contractor may cure the alleged defect or incorrect delivery and allow the contractor to effect such cure. The Contractor agrees to pay all shipping costs for the return shipment. Contractor shall be responsible for arranging the return of the defective or incorrect material.
- 16) Payments. Payment shall be made after satisfactory performance, in accordance with all provisions thereof, and upon receipt of a properly completed invoice, but in no event later than sixty (60) days from invoice date.
- 17) Price Adjustments. Should it become necessary or proper during the term of this Contract to make any change in design or any alterations that will increase price, Region 4 ESC must be notified immediately. Price increases must be approved by Region 4 ESC and no payment for additional materials or services, beyond the amount stipulated in the Contract shall be paid without prior approval. All price increases must be supported by manufacturer documentation, or a formal cost justification letter. Contractor must honor previous prices for thirty (30) days after approval and written notification from Region 4 ESC. It is the Contractor's responsibility to keep all pricing up to date and on file with Region 4 ESC. All price changes must be provided to Region 4 ESC, using the same format as was provided and accepted in the Contractor's proposal.
- Price reductions may be offered at any time during Contract. Special, time-limited reductions are permissible under the following conditions: 1) reduction is available to all users equally; 2) reduction is for a specific period, normally not less than thirty (30) days; and 3) original price is not exceeded after the time-limit. Contractor shall offer Region 4 ESC any published price reduction during the Contract term.
- 18) Audit Rights. Contractor shall, at its sole expense, maintain appropriate due diligence of all purchases made by Region 4 ESC and any entity that utilizes this Contract. Region 4 ESC reserves the right to audit the accounting for a period of three (3) years from the time such purchases are made. This audit right shall survive termination of this Agreement for a period of one (1) year from the effective date of termination. Region 4 ESC shall have the authority to conduct random audits of Contractor's pricing at Region 4 ESC's sole cost and expense. Notwithstanding the foregoing, in the event that Region 4 ESC is made aware of any pricing being offered that is materially inconsistent with the pricing under this agreement, Region 4 ESC shall have the ability to conduct an extensive audit of Contractor's pricing at Contractor's

sole cost and expense. Region 4 ESC may conduct the audit internally or may engage a third-party auditing firm. In the event of an audit, the requested materials shall be provided in the format and at the location designated by Region 4 ESC. Notwithstanding the foregoing, Region 4 ESC's audit rights shall apply only to orders placed under the Contract. In no event will Contractor's liability for the cost of any audit exceed \$10,000.

- 19) Discontinued Products. If a product or model is discontinued by the manufacturer, Contractor may substitute a new product or model if the replacement product meets or exceeds the specifications and performance of the discontinued model and if the discount is the same or greater than the discontinued model.
- 20) New Products/Services. New products and/or services that meet the scope of work may be added to the Contract. Pricing shall be equivalent to the percentage discount for other products. Contractor may replace or add product lines if the line is replacing or supplementing products, is equal or superior to the original products, is discounted similarly or greater than the original discount, and if the products meet the requirements of the Contract. No products and/or services may be added to avoid competitive procurement requirements. Region 4 ESC may require additions to be submitted with documentation from Members demonstrating an interest in, or a potential requirement for, the new product or service. Region 4 ESC may reject any additions without cause.
- 21) Options. Optional equipment for products under Contract may be added to the Contract at the time they become available under the following conditions: 1) the option is priced at a discount similar to other options; 2) the option is an enhancement to the unit that improves performance or reliability.
- 22) Warranty Conditions. All supplies, equipment and services shall include manufacturer's minimum standard warranty and one (1) year labor warranty unless otherwise agreed to in writing. Contractor will provide the manufacturer's Limited Product Warranty as the exclusive warranty furnished for equipment, goods or materials furnished pursuant to the Contract. Services performed by Contractor (or its subcontractors) are guaranteed to meet industry standards for a period of one (1) year from completion of such services. THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THOSE OF MERCHANTABILITY AND FITNESS FOR A SPECIFIC PURPOSE WHICH ARE HEREBY SPECIFICALLY DISCLAIMED
- 23) Site Cleanup. Contractor shall clean up and remove all debris and rubbish resulting from their work as required or directed. Upon completion of the work, the premises shall be left in good repair and an orderly, neat, clean, safe and unobstructed condition.
- 24) Site Preparation. Contractor shall not begin a project for which the site has not been prepared, unless Contractor does the preparation work at no cost, or until Region 4 ESC includes the cost of site preparation in a purchase order. Site preparation includes, but is not limited to moving furniture, installing wiring for networks or power, and similar pre-installation requirements.
- 25) Registered Sex Offender Restrictions. For work to be performed at schools, Contractor agrees no employee or employee of a subcontractor who has been adjudicated to be a registered sex offender will perform work at any time when students are or are reasonably expected to be present. Contractor agrees a violation of this condition shall be considered a material breach and may result in the cancellation of the purchase order at Region 4 ESC's discretion. Contractor must identify any additional costs associated with compliance of this term. If no costs are specified, compliance with this term will be provided at no additional charge.
- 26) Safety measures. Contractor shall take all reasonable precautions for the safety of employees on the worksite and shall erect and properly maintain all necessary safeguards for protection of workers and the public. Contractor shall post warning signs against all hazards created by its operation and work in progress. Proper precautions shall be taken pursuant to state law

and standard practices to protect workers, general public and existing structures from injury or damage.

- 27) Smoking. Persons working under the Contract shall adhere to local smoking policies. Smoking will only be permitted in posted areas or off premises.
- 28) Stored materials. Upon prior written agreement between the Contractor and Region 4 ESC, payment may be made for materials not incorporated in the work but delivered and suitably stored at the site or some other location, for installation at a later date. An inventory of the stored materials must be provided to Region 4 ESC prior to payment. Such materials must be stored and protected in a secure location and be insured for their full value by the Contractor against loss and damage. Contractor agrees to provide proof of coverage and additionally insured upon request. Additionally, if stored offsite, the materials must also be clearly identified as property of Region 4 ESC and be separated from other materials. Region 4 ESC must be allowed reasonable opportunity to inspect and take inventory of stored materials, on or offsite, as necessary. Until final acceptance by Region 4 ESC, it shall be the Contractor's responsibility to protect all materials and equipment. Contractor warrants and guarantees that title for all work, materials and equipment shall pass to Region 4 ESC upon final acceptance.
- 29) Funding Out Clause. A Contract for the acquisition, including lease, of real or personal property is a commitment of Region 4 ESC's current revenue only. Region 4 ESC retains the right to terminate the Contract at the expiration of each budget period during the term of the Contract and is conditioned on a best effort attempt by Region 4 ESC to obtain appropriate funds for payment of the contract, provided, however, that any purchase order or agreement for the sale of materials, equipment or services accepted by contractor prior to such termination shall not be terminated or canceled but instead negotiated to continue through their completion and payment with the public agencies..
- 30) Indemnity. Contractor shall protect, indemnify, and hold harmless both Region 4 ESC and its administrators, employees and agents against all claims, damages, losses and expenses from bodily injury or damage to tangible property to the extent resulting from the negligent actions of the Contractor, Contractor employees or subcontractors in the preparation of the solicitation and the later execution of the Contract. Any litigation involving either Region 4 ESC, its administrators and employees and agents will be in Harris County, Texas.
- 31) Marketing. Upon prior written request to and written approval by Contractor, Contractor agrees to allow Region 4 ESC to use their name and logo within website, marketing materials and advertisement. Any use of Region 4 ESC name and logo or any form of publicity, inclusive of press releases, regarding this Contract by Contractor must have prior approval from Region 4 ESC. Any such permission for use to provided by Contractor to Region 4 ESC shall terminate upon notice by Contractor or termination of this Agreement.
- 32) Certificates of Insurance. Certificates of insurance shall be delivered to the Region 4 ESC prior to commencement of work. The Contractor shall give Region 4 ESC a minimum of ten (10) days' notice prior to any modifications or cancellation of policies. The Contractor shall require all subcontractors performing any work to maintain coverage as specified.
- 33) Legal Obligations. It is Contractor's responsibility to be aware of and comply with all local, state, and federal laws governing the sale of products/services and shall comply with all laws while fulfilling the Contract. Applicable laws and regulation must be followed even if not specifically identified herein.
- 34) Limitation of Liability. **NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED WITHIN THE CONTRACT, IN NO EVENT WILL EITHER PARTY BE LIABLE FOR SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE, CONSEQUENTIAL, DELAY OR LIQUIDATED DAMAGES FOR ANY REASON WHETHER OR NOT FORESEEABLE, NOR SHALL EITHER PARTY SEEK OR APPLY FOR SUCH DAMAGES. 'CONSEQUENTIAL DAMAGE' INCLUDES, WITHOUT LIMITATION, LOSS OF ANTICIPATED PROFITS; BUSINESS INTERRUPTION; LOSS OF USE, REVENUE, AND REPUTATION OR DATA. IN NO EVENT WILL EITHER PARTY'S LIABILITY HEREUNDER, WHETHER IN LAW, EQUITY, CONTRACT, INFRINGEMENT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, EXCEED THE PRICE PAID OR PAYABLE FOR THE EQUIPMENT, GOODS OR SERVICES GIVING RISE TO THE CLAIM."**

OFFER AND CONTRACT SIGNATURE FORM

The undersigned hereby offers and, if awarded, agrees to furnish goods and/or services in strict compliance with the terms, specifications and conditions at the prices proposed within response unless noted in writing.

Company Name Daikin Applied Americas, Inc.

Address 13600 Industrial Park Blvd

City/State/Zip Plymouth/MN/55441

Telephone No. 1-800-432-1342

Email Address nationalaccounts@daikinapplied.com

Printed Name Yu Nishiwaki

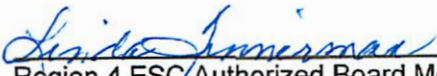
Title Chief Operating Officer

Authorized signature 

Accepted by Region 4 ESC:

Contract No. R24-09 01

Initial Contract Term 1/1/2025 to 12/31/2027


Region 4 ESC Authorized Board Member

12/17/2024
Date

Linda Tinnerman
Print Name


Region 4 ESC Authorized Board Member

12/17/2024
Date

Victor E. White
Print Name

Appendix B

TERMS & CONDITIONS ACCEPTANCE FORM

Signature on the Offer and Contract Signature form certifies complete acceptance of the terms and conditions in this solicitation and draft Contract except as noted below with proposed substitute language (additional pages may be attached, if necessary). The provisions of the RFP cannot be modified without the express written approval of Region 4 ESC. If a proposal is returned with modifications to the draft Contract provisions that are not expressly approved in writing by Region 4 ESC, the Contract provisions contained in the RFP shall prevail.

Check one of the following responses:

- ☐ Offeror takes no exceptions to the terms and conditions of the RFP and draft Contract.

(Note: If none are listed below, it is understood that no exceptions/deviations are taken.)

- ☒ Offeror takes the following exceptions to the RFP and draft Contract. All exceptions must be clearly explained, reference the corresponding term to which Offeror is taking exception and clearly state any proposed modified language, proposed additional terms to the RFP and draft Contract must be included:

(Note: Unacceptable exceptions may remove Offeror's proposal from consideration for award. Region 4 ESC shall be the sole judge on the acceptance of exceptions and modifications and the decision shall be final.

If an offer is made with modifications to the contract provisions that are not expressly approved in writing, the contract provisions contained in the RFP shall prevail.)

[illegible]

Deviation Form - Daikin Applied Americas Inc

Section/Page	Term, Condition or Specification	Exception/Proposed Modification	Accepted (For Region 4 ESC's use)
APPENDIX A, DRAFT CONTRACT			
Section 11.a) / CONTRACT 2	Cancellation for Non-Performance or Contractor Deficiency	On line 1 of the last paragraph of the Section, replace "ten (10) days" with "a reasonable period of time."	Approved
		On line 3 of the last paragraph of the Section, after "under this paragraph," insert, "and upon payment for work and materials already performed or furnished."	Approved
		At the end of the Section, insert, "References to 'specifications' herein shall be construed to mean approved submittals relating to equipment furnished by Contractor."	Approved
Section 11.b) / CONTRACT 3	Termination for Cause	Replace Section in its entirety with, "Reserved." Section is generally duplicative of Section 11.a), and to the extent it differs, creates inconsistency and conflict with the parties' obligations under the contract	Approved
Section 11.c) / CONTRACT 3	Delivery/Service Failures	On lines 1 through 4 of the Section, replace, "the time specified, or ... Contract to be terminated," with, "a mutually agreed timeframe or failure to make repairs, replacements or corrections in accordance with the applicable warranty (as defined below) shall constitute grounds for the Contract to be terminated, subject to the provisions set forth in Section 11.a) providing for notice to Contractor and Contractor's reasonable opportunity to cure any alleged unmet performance obligation."	Approved
		On Lines 4 through 6 of the Section, delete the last sentence in its entirety, to wit: "In the event Region 4 ESC must purchase in an open market, Contractor agrees to reimburse Region 4 ESC, within a reasonable time period, for all expenses incurred."	Approved
Section 11.e) / CONTRACT 3	Standard Cancellation	At the end of the Section, insert, "Any purchase order, service order or agreement to procure goods and services already accepted by Contractor prior to such termination shall continue through its fulfillment and payment, notwithstanding any termination of this Contract."	Approved
Section 14 / CONTRACT 4	Delivery	On line 1 of the Section, insert the following after Purchase Order, "or as otherwise indicated by Contractor or the applicable manufacturer."	Approved
		In the last sentence of Section 14, insert "First" before "Destination"	Approved
Section 15 / CONTRACT 4	Inspection & Acceptance	On line 2 of the Section, following, "Region 4 ESC," insert, "provided that before such return Region 4 ESC and contractor have mutually agreed on a timeframe within which contractor may cure the alleged defect or incorrect delivery and allow the contractor to effect such cure."	Approved
Section 16 / CONTRACT 4	Payments	At the end of the Section, insert, "but in no event later than sixty (60) days from invoice date."	Approved
Section 18 / CONTRACT 4,5	Audit Rights	To the end of Section 18, add the following, "Notwithstanding the foregoing, Region 4 ESC's audit rights shall apply only to orders placed under the Contract. In no event will Contractor's liability for the cost of any audit exceed \$10,000."	Approved
Section 22 / CONTRACT 5	Warranty Conditions	At the end of the Section, insert, "Contractor will provide the manufacturer's Limited Product Warranty as the exclusive warranty furnished for equipment, goods or materials furnished pursuant to the Contract. Services performed by Contractor (or its subcontractors) are guaranteed to meet industry standards for a period of one (1) year from completion of such services. THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THOSE OF MERCHANTABILITY AND FITNESS FOR A SPECIFIC PURPOSE WHICH ARE HEREBY SPECIFICALLY DISCLAIMED. "	Approved
Section 29 / CONTRACT 6	Funding out Clause	To the end of section 29 add the following " , provided, however, that any purchase order or agreement for the sale of materials, equipment or services accepted by contractor prior to such termination shall not be terminated or cancelled but <u>instead</u> continue through their completion and payment with the public agencies."	Approved with the following modification: insert "negotiated to" after the word 'instead'
Section 30 / CONTRACT 6	Indemnity	On Line 3 of the Section, delete, "arising out of or resulting," and replace, "the actions," with, "bodily injury or damage to tangible property to the extent resulting from the negligent actions."	Approved

Section/Page	Term, Condition or Specification	Exception/Proposed Modification	Accepted (For Region 4 ESC's use)
APPENDIX A, DRAFT CONTRACT			
Section 31 / CONTRACT 6	Marketing	At the beginning of the Section, insert, "Upon prior written request to and written approval by Contractor."	Approved
		At the end of the Section, insert, "Any such permission for use to provided by Contractor to Region 4 ESC shall terminate upon notice by Contractor or termination of this Agreement."	Approved
Section 34 / CONTRACT 6	NEW SECTION: Limitation of Liability	Insert the following as Section 34: "34) <u>Limitation of Liability</u> . LIMITATION OF LIABILITY: NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED WITHIN THE CONTRACT, IN NO EVENT WILL EITHER PARTY BE LIABLE FOR SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE, CONSEQUENTIAL, DELAY OR LIQUIDATED DAMAGES FOR ANY REASON WHETHER OR NOT FORESEEABLE, NOR SHALL EITHER PARTY SEEK OR APPLY FOR SUCH DAMAGES. 'CONSEQUENTIAL DAMAGE' INCLUDES, WITHOUT LIMITATION, LOSS OF ANTICIPATED PROFITS; BUSINESS INTERRUPTION; LOSS OF USE, REVENUE, AND REPUTATION OR DATA. IN NO EVENT WILL EITHER PARTY'S LIABILITY HEREUNDER, WHETHER IN LAW, EQUITY, CONTRACT, INFRINGEMENT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, EXCEED THE PRICE PAID OR PAYABLE FOR THE EQUIPMENT, GOODS OR SERVICES GIVING RISE TO THE CLAIM. "	Approved

EXHIBIT B - ADMINISTRATION AGREEMENT EXAMPLE FOR REGION IV ESC			
TERMS AND CONDITIONS Section 8 / Page 3	Limitation of Liability	At the end of the Section, insert, "LIKEWISE, SUPPLIER SHALL NOT BE LIABLE IN ANY WAY FOR ANY SPECIAL, INCIDENTAL, INDIRECT, CONSEQUENTIAL, EXEMPLARY, PUNITIVE, OR RELIANCE DAMAGES."	OMNIA Partners will negotiate
TERMS AND CONDITIONS Section 14 / Page 4	Administrative Fee Payments	On Line 9 of the Section, insert, "undisputed," between, "All," and, "Administrative Fees."	OMNIA Partners will negotiate

ONLINE Documentation			
Exhibit F Online Response Attachment #13.	Rights to Inventions Made Under a Contract or Agreement	Section 7 is stricken in its entirety. Contractor reserves all intellectual property rights.	OMNIA Partners will review.
ONLINE Response BID ATTRIBUTES Items 77, 78, 79	Contract Sales	Strike this section and replace with, 'Supplier projects, but does not guarantee, OMNIA contract sales in the first three years of the contract to be: \$172M in year one (#77) \$198M in year two (#78) \$228M in year three (#79)	Approved



24-09 Addendum 3

Daikin Applied Americas, Inc

Supplier Response

Event Information

Number: 24-09 Addendum 3
Title: HVAC Solutions, Related Products and Services
Type: Request for Proposal
Issue Date: 6/20/2024
Deadline: 8/1/2024 02:00 PM (CT)
Notes: **PLEASE NOTE THAT THE BOARD MEETING DATE HAS BEEN CHANGED TO OCTOBER 29, 2024.**

Oral communications concerning this RFP shall not be binding and shall in no way excuse an Offeror of the obligations set forth in this proposal.

Only online proposals will be accepted. Proposals must be submitted via Region 4 ESC's online procurement system:
region4esc.ionwave.net.

No manual, emailed, or faxed proposals will be accepted.

NON-MANDATORY PRE-PROPOSAL CONFERENCE

Meeting to be held on
Wednesday, July 17, 2024 at 10:00 am
via ZOOM. Click [here](#) to join.

Offerors are strongly encouraged, but not required to participate in a pre-proposal conference with the Procurement and Operations Specialist.

Contact Information

Address: Finance and Operations
7145 West Tidwell Road
TX 77092

Email: questions@esc4.net

Daikin Applied Americas, Inc Information

Contact: Greg Coffman
Address: 13600 Industrial Park Blvd
Plymouth, MN 55441
Phone: (763) 353-2252
Email: greg.coffman@daikinapplied.com
Web Address: www.daikinapplied.com

By submitting your response, you certify that you are authorized to represent and bind your company.

Gregory R. Coffman

Signature

Submitted at 8/1/2024 09:25:57 AM (CT)

greg.coffman@daikinapplied.com

Email

Supplier Note

Thank you for this to resubmit our application for this opportunity, as we have been a long standing member of Region 4, and we look forward to continued success and achievement of our shared goals with our partnership.

Requested Attachments

Products and Pricing

1 - Products and Pricing - Daikin
Applied Product and Pricing -
Final.pdf

Each offeror awarded an item under this solicitation may offer their complete product and service offering/a balance of line. Describe the full line of products and services offered by supplier.

Proposed Pricing Coefficient(s)

No response

Please complete the Proposed Pricing Coefficient(s), located on the Attachments tab, and upload the completed document here.

Value Added Services

3 - Value Added Services - Daikin
Applied Value Added Services -
Final.pdf

Provide any additional information related to products and services the Offeror proposes to enhance and add value to the Contract. For example, a proposal for furniture may include additional value-added selections such as installation, white glove delivery options, setup/cleaning, classroom design/layout, special orders, etc. (OPTIONAL)

Contract and Offer Form and Deviation Form

4 - 24-09 Offer and Contract
Signature Form and Deviation
Form - Daikin Applied - Final.pdf

Please complete the Contract and Offer Form and Deviation Form, located on the Attachments tab, and upload the completed document here.

Acknowledgment and Acceptance of Region 4 ESC's Open Records Policy

5 - Acknowledgment and
Acceptance of Region 4 ESCs
Open Records Policy - DA.pdf

Please complete the Acknowledgment and Acceptance of Region 4 ESC's Open Records Policy, located on the Attachments tab, and upload the completed document here.

Antitrust Certification Statements

6 - Antitrust Certification
Statements - Daikin Applied -
Final.pdf

Please complete the Antitrust Certification Statements, located on the Attachments tab, and upload the completed document here.

Disclosure of Interested Parties form or Evidence of Exemption	7 - Disclosure of Interested Parties form or Evidence of Exemption - 1295 Form - DA.pdf
If you are required under statute to submit a Disclosure of Interested Parties form (1295 form), you must do so here. Section 6 must be completed in its entirety. Alternatively, if you are exempt under the statute, you must provide documentation affirming your exemption. (REQUIRED, see Attribute titled "DISCLOSURE OF INTERESTED PARTIES")	
Additional Agreements Offeror will require Participating Agencies to sign.	8 - Additional Agreements - Daikin Applied Contractor Agreement - Final.pdf
Upload any additional agreements offeror will require Participating Agencies here.	
Texas Government Code 2270 Verification Form	9 - Texas Government Code 2270 Verification Form - Daikin Applied - Final.pdf
Please complete the Texas Government Code 2270 Verification Form, located on the Attachments tab, and upload the completed document here.	
Diversity, HUB Certifications	No response
If your firm holds a certification from certifying agencies related to M/WBE, DBE, HUB, or other diverse business designations, you may upload the certificate here. (OPTIONAL)	
Conflict of Interest Questionnaire	11 - Conflict of Interest - Daikin Applied - Final.pdf
If a conflict exists that requires the submission of a Conflict of Interest Questionnaire (CIQ), complete and upload the document here. (REQUIRED ONLY IF A CONFLICT EXISTS, see Attribute titled "CONFLICT OF INTEREST QUESTIONNAIRE" for additional information.)	
W-9 Upload	12 - W-9 Upload - Daikin Applied W-9 (2024) - Final.pdf
Interested offerors must upload an updated Form W-9 prior to submitting a proposal.	
OMNIA Partners - Exhibit F Federal Funds Certifications	13 - OMNIA Partners - Exhibit F Federal Funds Certifications - Daikin Applied - Final.pdf
Please complete the OMNIA Partners - Exhibit F Federal Funds Certifications, located on the Attachments tab, and upload the completed documents here.	
OMNIA Partners - Exhibit G New Jersey Business Compliance	14 - OMNIA Partners - Exhibit G New Jersey Compliance - Daikin Applied - Final.pdf
Please complete the OMNIA Partners - Exhibit G New Jersey Business Compliance forms, located on the Attachments tab, and upload the completed documents here.	

Bid Attributes

1	CONTRACT DURATION The initial term of the Contract is for a period of three (3) years unless terminated, canceled, or extended as otherwise provided herein. Region 4 ESC shall have the right in its sole discretion to renew the Contract for additional terms up to two (2) years after the end of the initial term or for a lesser period of time as determined by Region 4 ESC by providing written notice to the Contractor of Region 4 ESC's intent to renew thirty (30) days prior to the expiration of the original term. Contractor acknowledges and understands Region 4 ESC is under no obligation whatsoever to extend the term of this Contract. In the event the proposal term, including renewals, ends before another proposal is executed, proposal prices and discounts may be extended on a month-to-month basis by mutual consent. Extensions are limited to the lesser of: a) six (6) additional monthly terms, or b) the time which is required to complete a new solicitation for the goods and services provided for in this solicitation. Notwithstanding the foregoing paragraph, the term of the Contract, including any extension of the original term, shall be further extended until the expiration of any Purchase Order issued within the Contract term for a period of up to one year beyond the Contract term. ☒ I certify compliance with this attribute.
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2	NAME OF INDIVIDUAL COMPLETING THIS PROPOSAL
	Greg Coffman
3	HOW MANY YEARS HAS YOUR BUSINESS OPERATED UNDER ITS PRESENT NAME
	100
4	WHAT IS YOUR CURRENT NUMBER OF CUSTOMER ACCOUNTS?
	49992
5	WHAT ARE YOUR BUSINESS HOURS?
	While our business offices are traditional working hours, our factories are staffed with multiple shifts depending on factory loading. As for service offices, they are oncall 24/7 to support our customers.
6	IS 30 DAYS AFTER RECEIPT OF INVOICE AN ACCEPTABLE PAYMENT SCHEDULE FOR YOUR BUSINESS?
	If Yes, type "YES".
	If No, describe your payment schedule in the field provided.
	Daikin's payment terms are Net 30 from date of invoice.
7	WHAT IS THE STANDARD LEAD TIME FOR RECEIPT OF PRODUCTS AFTER ORDER IS RECIEVED (ARO), IN DAYS?
	Provide your answer in number of DAYS after receipt of order (ARO).
	We manufacturer custom equipment specific to the customers needs so it is difficult to provide a standard lead time in number of days. We do have multiple parts warehouses across the country and are able to ship 98% of customer products within the same day, this includes all OEM products not just Daikin Applied.
8	ACCOUNT MANAGER NAME
	Please indicate the name of the account manager we should speak to with concerns about the products and/or services in this proposal.
	Greg Coffman
9	ACCOUNT MANAGER EMAIL
	greg.coffman@daikinapplied.com
10	ACCOUNT MANAGER PHONE
	(763) 353-2252
11	PAYMENT REMITTANCE ADDRESS
	24827 Network Place, Chicago, IL 60673-1248
12	PAYMENT REMITTANCE PHONE
	(763) 553-5330

1
3**CONTRACT/PURCHASE ORDER/QUOTE EMAIL**

Vendors may choose to have purchase orders emailed to them in PDF format in lieu of having them faxed or mailed. To elect this option, please offer the preferred email address in the accompanying field. This email address will apply to any purchases from your company, so the use of a generic email address is suggested, such as bids@companyname.com or purchaseorders@businessname.com.

1
4**CONTRACT/PURCHASE ORDER/QUOTE FAX NUMBER, IF APPLICABLE**

If applicable, please provide a fax number to send orders and quote requests.

1
5**REQUIRED REFERENCE QUOTE OR CONTRACT NUMBER, IF APPLICABLE**

Enter your quote or contract number and/or any other information our staff would need provide on the face of purchase orders in order to receive discount percentages and contract pricing.

1
6**COMPANY WEBSITE ADDRESS, IF APPLICABLE**

1
7**HOW WERE YOU NOTIFIED OF THIS BID OPPORTUNITY?**

In order to verify the efficiency of communication tools used to notify vendors of bidding opportunities, we ask that you provide us with the manner in which you received notification of this request for bid/proposal.

1
8**REFERENCE 1**

Please provide the reference of a school and/or business who have utilized the same equipment/products within the last two years. Include Company/Government name, address, contact name, and contact phone number.

Garrett County Public Schools/Grantsville Elementary School 120 Grant Street Grantsville, MD 21536 Richard Wesolowski 301-334-8905 Garrett County Public Schools (GCPS) in Maryland faced with a dilemma. While pursuing major upgrades to Grantsville elementary school, it was determined that the architect and engineer had designed an expensive design that would soon exceed the budget. Open classrooms, not conducive to modern learning, were being redesigned with new walls, added lighting, doors, air conditioning and security systems. The complicated plan resulted in a constant stream of incoming change orders. In addition, the current contractor was experiencing performance issues and change orders were becoming a routine occurrence. Rather than scrap the plan, GCPS decided to pursue a different approach. With the support of the Maryland Public School Construction, the district partnered with Daikin Applied, through an OMNIA Partners cooperative contract. The choice was primarily due to the district's ability to take advantage of the consulting services offered by the contract. "Working directly with the district, we were able to meet with the architect and engineer and re-design the project on a fast track to stay within the budget," says Sean McCarthy, Senior Account Manager for Daikin Applied. "With the eventual use of over 26 subcontractors, it was important to have one point of contact to coordinate all the project elements." In addition to the \$6.2 million classroom modernization for the elementary school, the district also undertook a major upgrade for South Garrett High School. The high school had unique requirements in combining the 7th and 8th grades with the current high school population. Many obstacles were overcome to support the extracurricular activities with upgrades to bleachers, locker rooms and a brand-new dance studio, while also creating educational spaces that adequately kept individual grades as close together as possible. McCarthy further shares, "The elementary gym floor proved to be a challenge as the project occurred during the pandemic and the wood flooring was not available. Since the gym was used for multi-recreational needs, it was decided to use decorative tiles as part of the design. Working with the gym teacher, distinct tiles were placed to incorporate the student activities conducted within the gym. This was a creative solution to a supply chain issue."

1
9**REFERENCE 1 EMAIL**

2
0**REFERENCE 2**

Please provide the reference of a school and/or business who have utilized the same equipment/products within the last two years. Include Company/Government name, address, contact name, and contact phone number.

Frederick County Public Schools 191 South East Street Frederick, MD 21701 Keith Marconi 227-203-3277

2
1**REFERENCE 2 EMAIL**

keith.marconi@fcps.org

2
2**REFERENCE 3**

Please provide the reference of a school and/or business who have utilized the same equipment/products within the last two years. Include Company/Government name, address, contact name, and contact phone number.

Henry County 307 West Center Street Cambridge, IL 61238 Erin Knackstedt 309-937-3400

2
3**REFERENCE 3 EMAIL**

eknackstedt@henrycty.com

2
4**THE U.S. STATE YOUR PRINCIPAL PLACE OF BUSINESS IS LOCATED.**

Minnesota

2
5**RECIPROCITY**

For Businesses not located in Texas: Does your state of residence or incorporation require out-of-state bidders to underbid vendors residing in your state by a prescribed amount or percentage to receive a comparable contract? If Yes, please input that percentage; If No, please leave the adjacent field blank.

No response

2
6**PARTIAL AWARD ACCEPTANCE**

REGION 4 ESC retains the right to award this contract in such a manner that it receives the best overall value for the goods and/or services requested in this request for proposal or bid, which may include awarding to multiple vendors.

☒ I understand.

2
7**PURCHASE ORDER POLICY**

REGION 4 ESC purchases tangible goods and services through the use of approved Purchase Orders. Vendors are highly discouraged from sending products, and/or performing services without prior receipt of an approved District Purchase Order. While campuses and departments may call for quotes and information, please be advised the District is not obligated to pay for any services and/or products ordered via telephone or email in without the presence of a properly executed Purchase Order.

☒ I understand.

2
8**ADDENDA NOTIFICATIONS**

Any addenda to this proposal will be issued electronically through this system. It is vendor's responsibility to review addenda upon e-mailed notice and retract/amend their submission as deemed necessary. REGION 4 ESC may choose to mark a proposal received prior to the issuance of an addendum as non-responsive should REGION 4 ESC, in its sole determination, finds the addendum to be of such material change that it warrants such determination. If such proposal is found non-responsive, REGION 4 ESC will not consider the proposal for evaluation or further consideration.

☒ I understand.

29

Provide equipment manufacturer, equipment types and discounts off published list price.

Attachment Required - File: Daikin Applied - Products and Pricing - Bid Invitation 24-09 Daikin Applied's bid response includes the full catalog of Daikin HVAC Equipment (including, but not limited to, Chillers, Condensing Units, Rooftop Systems, Water Source Heat Pumps, Fan Coils, Air Handling Units, Unit Ventilators, VAV/VRV, Modular Chiller Plants, and Parts) as well as equipment and parts for nearly 200 additional manufacturers covering 14 HVAC product categories. Daikin Applied proposed discounts range from 10-47%. For full list of equipment manufacturers, equipment types, and discount off published list prices please see Daikin Applied's attachment Daikin Applied - Products and Pricing - Bid Invitation 24-09

30

Define any freight charges.

FOB Factory, Freight Allowed.

31

Describe how Offeror responds to emergency orders.

Daikin provides 24/7 emergency response for our clients through Daikin's 150+ office locations throughout North America with over 3,000 sales, support staff and 9 dedicated CSRs. Daikin maintains a stock equipment report listing ready to ship equipment same week. Daikin also provides a 24 hour - 7 days per week 1-800 number for immediate response and service. In our Emergency Order process, a customer can escalate an order for parts with a possible emergency fee, if applicable. In most cases, we are able to improve on the ship date for the customer by working with Plants and Suppliers.

32

What is Offeror's average Fill Rate?

Our fill rate at our parts stores are 98% ship within that day, it is difficult to detail fill rate on custom equipment.

33

What is Offeror's average on time delivery rate? Describe Offeror's history of meeting the shipping and delivery timelines.

OTD varies by factory and product line, to manage customer expectations, we publish weekly lead times so we have accurate information to the field.

34

Describe Offeror's return and restocking policy.

Given we manufacture custom equipment, it is difficult to return those products. We do have ability to cancel orders in event of project changes, however, there may be fee if we have incurred production costs. As for parts, these can be returned with small restocking fee.

35

Describe Offeror's ability to meet service and warranty needs.

We have over 150 service office locations thorough North American with over 3,000 sales and support staff. We also have dedicated Warranty department by product line to support our service teams, this includes regional technical teams to dispatch to site for emergency warranty work.

36

Describe Offeror's customer service/problem resolution process. Include hours of operation, number of services, etc.

Daikin provides a 24 hour, 7 days per week 1-800 number for immediate response and customer service. These incoming calls are qualified and sent to the appropriate technicians, service, parts, rentals, residential, accounts payable/receivable or local representatives. Case numbers are assigned to each request for efficient and timely responses and follow-up as well as internal tracking and resolution. Our website also offers service information for products, service, parts, solutions, and related resources. We have 9 dedicated CSRs for customer service resolution and escalation for order status, lead times, shipping, and general questions normally 8am-4:30pm CST daily.

3
7

Describe Offeror's invoicing process. Include payment terms and acceptable methods of payments. Offerors shall describe any associated fees pertaining to credit cards/p-cards.

For equipment only orders, we invoice at time of shipment of equipment. Invoicing may vary for service depending on scope and size of work (milestones, completion of the work, etc). We don't allow payment by credit card on customer accounts with 30 day terms. For those customers that mandate payment by credit card with no options, the additional fees are included in the quotations. Credit Card Policy – 4/5/22 • Credit cards can be used to pay invoices up to 10 days old; invoices beyond this date must be paid by check or ACH; • Credit card payments greater than \$25,000 must be approved by the Director of Credit or higher; • We do not accept credit card payments for our equipment orders.

3
8

Describe Offeror's contract implementation/customer transition plan.

Daikin Applied will continue to promote the Master Agreement to its public customers as it does with its current Region 4 ESC contract. Daikin Applied's sales teams lead sales discussions with the value and benefits of cooperative purchasing. In many cases, customers issue a purchase addendum stating all purchases between Daikin Applied and the Public Agency must be based on Daikin Applied's Region 4 ESC contract. Daikin Applied's current cooperative contracts are with the General Services Administration (GSA contracts), TIPS and BuyBoard. Daikin's GSA contracts are used with federal customers, and its BuyBoard contract is specific to the South Central Region. Both contracts include only Daikin Applied products and labor, which is a minimal offering to public agencies. Daikin Applied presents its Region 4 ESC Master Agreement as the lead contract procurement vehicle. TIPS, GSA or BuyBoard are provided only if the customer expresses a specific preference for these programs.

3
9

Describe the financial condition of Offeror.

Daikin Applied's sales for FY23 (ending March 2024) exceeded \$2.5B and strong OI. Daikin Applied is a wholly owned subsidiary of Daikin Industries LTD headquartered in Osaka, Japan. We are truly a global company.

4
0

Provide a website link in order to review website ease of use, availability, and capabilities related to ordering, returns and reporting. Describe the website's capabilities and functionality.

www.daikinapplied.com

4
1

Describe the Offeror's safety record.

The interstate experience modification factor as calculated by the National Council on Compensation Insurance, Inc. (NCCI) for Daikin Holdings America, Inc. for the past three years is as follows: Effective Date (Interstate Experience Modification Factor) -- 4/01/2022 (.78) - 4/01/2023 (.70) - 4/01/2024 (.66)

4
2

Provide a brief history of the Offeror, including year it was established and corporate office location.

Headquartered in Plymouth, MN, Daikin Applied is part of Daikin Industries, Ltd. which is the largest global HVAC manufacturer for commercial, industrial and residential air conditioning systems, and the global air conditioning leader. In North America, Daikin Applied provides expertise in commercial HVAC systems with technologically advanced and highly applied systems. In 2006, Daikin Applied acquired McQuay International, and spent the next five years implementing processes and quality enhancements prior to adding Daikin to the McQuay name. Founded in 1924, we have a heritage of producing applied products for 100 years, Daikin Applied continues to grow by leveraging the knowledge and resources which has made Daikin Industries the global air conditioning leader in the marketplace.

4
3

Describe Offeror's reputation in the marketplace.

As the world's largest AC company, Daikin Applied delivers superior air quality and energy efficiency to every solution with innovation in advanced technology, IoT, and next generation compressors. Daikin branded products, solutions, and services are sold through a global network of dedicated sales, service, and parts offices. Daikin Applied's parent company, Daikin Industries, Ltd. reports revenues in excess of \$20 billion and has more than 67,000 employees worldwide, making it the largest HVAC manufacturer in the world. Daikin Industries, Ltd. has more than 90 production sites worldwide and works with customers in more than 150 countries. Recent Expansions Daikin Applied has recently expanded its manufacturing facilities to California and Tijuana, Mexico, indicating a growing presence in the HVAC market. This expansion presents an opportunity for sales teams to tap into new geographical markets and establish relationships with potential clients in these regions.

4
4**Describe Offeror's reputation of products and services in the marketplace.**

Daikin is a Japanese based company that specializes in the manufacturing of air conditioners and other HVAC equipment. Daikin is a trusted name in the industry, and their products are known for being reliable, innovative, and efficient helping them become a Fortune 1000 company. Combining advanced technologies and research and development capabilities, Daikin Applied creates innovative products, systems and services that benefit the industry and lives of our customers. Comparison to competitors-Daikin's premium AC units operate more quietly, and they have a longer warranty. Both Daikin and Trane are at the top of the quality spectrum. One of the most important factors to consider when choosing an air conditioner is its quality. Daikin is known for making durable, high-quality products that are built to last. LG is also known for making high-quality products, but they tend to be less durable than Daikin models.

4
5**Describe if distributors/dealers/resellers/subsidiaries/partners ("affiliates") will be used to fulfill the contract. Submit a list of those affiliates authorized to sell under the proposed contract.**

Where and how does Offeror propose to maintain an authorized affiliate list so it may be accessed by Participating Agencies? How often does the supplier propose to update the affiliate list? Confirm the Offeror reviews the financial health, debarment status and overall general capacity of authorized affiliates. Offerors who use authorized affiliates are responsible for ensuring authorized affiliates are performing in accordance with the contract.

Daikin Applied goes to market in two ways: through independent manufacturer's representatives and through Daikin factory owned district service offices and independent service alliance partners. Daikin Applied's representative network Requirements for National Cooperative Contract has over 130 office locations throughout North America with over 2,650 sales and support staff. Daikin Applied manufacturer representatives offers both Daikin Applied and complimentary products as part of their offering to owners, engineers, and contractors. Daikin Applied has eighty factory owned and service alliance partner locations throughout North America which include over 450 sales and support staff. These service offices offer a wide variety of service solutions including quoted repairs, maintenance contracts, and installation and turnkey contracting. Daikin Applied also has eighty-two parts distributors and six Daikin Applied owned company parts stores for customer to access their aftermarket needs. Through its expansive representative and service networks, Daikin Applied will offer all products and services in the scope of this RFP to all 50 U.S. states, including U.S. territories and outlying areas. Daikin Applied maintains a current distributor/dealer/reseller/subsidiary/partner list and will notify Region 4 and OMNIA Partners with any update and request for authorization. Daikin Applied monitors and evaluates all existing and potential relationships to confirm financial health, debarment status, and overall general capacity of authorized affiliates. Please see attached document Daikin Applied – Equipment Sales Representative and Authorized Service Provider List for the full list of distributor/dealer/reseller/subsidiary/partner.

4
6**Describe the experience and qualifications of key employees.**

Yu Nishiwaki - COO brings an MBA and 24 years of experience at Daikin having served as VP of Strategic Planning GM of Daikin's Italian office in Rome. John Moon - SVP Customer and Business Solutions brings an engineering degree from Georgia Tech and 19 years with Daikin servicing as GM and VP East Division. James Moe - SVP Sales and Service brings 23 years of HVAC experience, 8 with Daikin, and has served as RGM West Division and DVP West Division before his current assignment. Keela Bakken - VP of National Accounts brings 25 years of building automation and HVAC experience serving Daikin as National Account Manager, Vertical Market Manager, and Director of National Accounts before her current position. Daikin has a dedicated government team responsible for the promotion, management and compliance of our cooperative programs.

4
7**Describe Offeror's experience working with the government sector.**

A large portion of Daikin Applied business has been in the government sector, primarily in the education market with the first unit ventilator conditioning K-12 classrooms. In 2009, Daikin entered the government cooperative market by obtaining the GSA federal supply schedule contract, which allowed Daikin to sell its products and services directly to federal customers and later to state and local customers through GSA's COOP program. Daikin invested in a government team to focus on state, local, and federal government sales and to maintain contract compliance throughout the procurement process. Daikin Applied's GSA yearly contract sales grew to \$15m+. In 2015, Daikin responded to Region 4 ESC's RFP 15-05 for HVAC Equipment, Installation, Service and Related Products and was successfully awarded a national contract to support the state, local, and education markets. Daikin Applied has continually surpassed its state Region 4 sales goals reaching now over \$142m.

4
8**Describe past litigation, bankruptcy, reorganization, state investigations of entity or current officers and directors.**

As Daikin Applied and its parent Daikin Industries are multi-billion-dollar entities, they are occasionally involved in litigation. There are no known legal matters that would adversely affect Daikin Applied's ability to perform under this Agreement. Daikin Applied has not been involved in a bankruptcy or reorganization.

4
9**Provide Offeror's expertise in working with public sector and understanding of the unique technical regulatory requirements.**

We are anchored by our experienced program manager and contract compliance managers. They have worked 8 years extensively with GSA and OMNIA and in contracts and contract compliance for 10 years. The program manager oversees processes and procedures, certification of proposals, contract modifications, and reporting. The contract compliance manager makes sure we are up to date and within compliance on contracts and modifications under his purview. The sales manager brings a sales, business and HVAC manufacturing background leading the training and education of our sales and service teams. The National Account Managers round out our team. We also have 2 dedicated business development managers promoting OMNIA and providing expertise and guidance to their respective regions.

5
0**Indicate if Offeror is licensed to do business in all 50 states.**☒ Yes☐ No5
1**Value Add - Provide any additional information related to products and services Offeror proposes to enhance and add value to the Contract.**

Headquartered near San Diego, Alliance Air Products, the newest member of The Daikin group, is a Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) manufacturer, serving the OEM, Design-Build as well as Plan and Spec marketplaces. Each piece of equipment that we manufacture is engineered to meet specific project requirements, as well as to satisfy the owner/user's needs and expectations. Our sales and engineering staff are distinguished by their functional and technical expertise combined with their hands-on experience, to ensure that our clients receive the most effective and professional service. As experts in custom HVACR manufacturing, Alliance Air Products is involved in every stage of the process offering functional and technical support. Our engineering and manufacturing skills encompass all aspects of implementation and operation. Whether you need is for a standard air handler, complex package system or specialized construction that modular units can't handle, Alliance Air Products adds value by solving problems and giving you a solution that meets your needs. Alliance Air, a subsidiary of Daikin Applied, a leading global commercial and industrial HVAC manufacturer, today broke ground for the construction of a new energy-efficient manufacturing facility in Tijuana, Mexico to support sustainable data center growth across North America. The new \$121 million USD, 460,000 square-foot facility is expected to support over 1,000 production jobs and over 1,150 total new permanent jobs in the northwest region of Mexico. This investment will expand on the established presence of Alliance Air and Daikin Applied in Tijuana as the company looks to support significant data center market growth in Mexico and North America. Construction of the facility is expected to be complete by Spring 2025 with production ramping up in June 2025. This expanded facility allows the company to better serve customers in North America with a single supplier for end-to-end HVAC solutions. The expansion builds on the legacy of Alliance Air in Tijuana, which is also celebrating 20 years in the community and now partnered with the 100-year legacy of industry leader Daikin Industries. "We started manufacturing in Tijuana 20 years ago with 30 employees. We were just a start-up. I'm proud to see this force of 1,000 team members who have become exceptionally talented in the design and production of energy-efficient, custom cooling solutions," said Luis Plascencia, President and General Manager of Alliance Air Products. "We look forward to expanding our role in the community and bolstering our partnership with the Baja California government and local Tijuana leaders to make this new facility a reality." The facility is being built to manufacture energy-efficient HVAC cooling solutions specifically for data centers. It is designed for maximum efficiency to meet the company's and customers' sustainability goals. "This is a critical moment for the HVAC industry to meet the demand for data center cooling which is increasing exponentially with trends and economic forces like artificial intelligence and insourcing manufacturing," said Yu Nishiwaki, Chief Operating Officer for Daikin Applied Americas. "Increasing our current capacity allows us to expedite delivery to help customers meet this demand. The combined talent and technology of Alliance Air and Daikin Applied creates a new level of energy efficiency to help customers meet aggressive sustainability goals." See attached document in Value Add section for additional information.

5 2	Include a per diem rate. Daikin Applied Per Diem rates are included in the attached Products and Pricing attachment. Daikin Applied's complete list of equipment manufacturers, equipment types, and discount off published list prices please see Daikin Applied's attachment Daikin Applied - Products and Pricing - Bid Invitation 24-09
5 3	For Non-Normal Working Hours, indicate if there is a minimum charge of hours and what the number of hours is. Daikin Applied's Non-Normal Working Hours (Overtime) is priced at 1.5x the approved Normal Working Hours (Standard) hourly rate. Daikin Applied's complete list of equipment manufacturers, equipment types, and discount off published list prices please see Daikin Applied's attachment Daikin Applied - Products and Pricing - Bid Invitation 24-09
5 4	Is pricing available for all products and services? Daikin Applied provides hourly rates for 50 HVAC and HVAC related labor services in the attached Products and Pricing attachment. Daikin Applied offers customers a variety of state-of-the-art and highly customizable equipment to meet the customer's specific HVAC related needs. Daikin Applied's availability to meet specific needs results in thousands of protentional equipment configurations and product pricings. To simplify Daikin Applied response the equipment discounts have been provided for each HVAC and HVAC related product family which can be found in the Products and Pricing attachment. Daikin Applied's complete list of equipment manufacturers, equipment types, and discount off published list prices please see Daikin Applied's attachment Daikin Applied - Products and Pricing - Bid Invitation 24-09
5 5	Describe any shipping charges (where applicable). FOB Factory. Freight Allowed.
5 6	Provide pricing for warranties on all products and services. Daikin Applied provides a standard limited 12-month warranty on equipment, parts, and labor services with options for additional extended parts and labor services with pricing varying due to equipment category, size, and quantity. For a full review of Daikin Applied limited warranty please review attached document.
5 7	Describe any return or restocking fees. All returns will be subject to a restocking /administration charge of 30% and a Daikin collection charge, which will be applied to the final credit.
5 8	Describe any additional discounts or rebates available. Additional discounts or rebates may be offered for large quantity orders, single ship to location, growth, annual spend, guaranteed quantity, etc. Not Applicable
5 9	Describe how customers verify they are receiving Contract pricing. Daikin Applied adheres to a strict compliance program with all its government cooperative contracts. This process is managed by Daikin's Government National Accounts team which works directly with Daikin's sales and service partners when a cooperative contract is utilized for procurement. In the case with Daikin's Region 4 contract, Daikin's government team reviews all project estimates to ensure the awarded contract pricing has not been exceeded. Once compliance is verified, Daikin's government team registers all projects with a Certified Proposal Number (CPN) unique to each project. All properly approved Participating Agency proposals will be stamped with the OMNIA Partners Logo which contains a CPN and language that states the Proposal is in accordance with Daikin Applied's Region 4 ESC contract available via OMNIA Partners. An Agency can further verify pricing by contacting either OMNIA Partners or Daikin directly and request a Price Verification Document for a specified CPN.

60	Propose the frequency of updates to the Offeror's pricing structure. Describe any proposed indices to guide price adjustments. If offering a catalog contract with discounts by category, while changes in individual pricing may change, the category discounts should not change over the term of the Contract. Labor rates are updated on annual basis. Equipment/Material pricing is typically updated on bi-annual basis.
61	Describe how future product introductions will be priced and align with Contract pricing proposed. Daikin has a very active new product introduction roadmap so as new products are introduced to the market, we will modify contract to add these products with pricing.
62	Describe any diversity programs or partners supplier does business with and how Participating Agencies may use diverse partners through the Master Agreement. Indicate how, if at all, pricing changes when using the diversity program. If there are any diversity programs, provide a list of diversity alliances and a copy of their certifications. At Daikin Applied, Diversity is about embracing our differences, while Inclusion is a culture of respect and humanity. "DaikinInclusion" is nurtured by Daikin's People Centered Management (PCM), which encourages that we take an interest in people, see their good qualities first, and "accept the nail that sticks out". Regardless of our differences, we strive to listen with empathy, seek to understand, admit when we don't know, and challenge respectfully. As outlined in our Daikin Applied Values, we are committed to creating an inclusive culture where everyone can feel heard, valued and have a sense of belonging. We aim to create a diverse and inclusive environment by doing the following: 1.Educate, listen, and have open dialogues. 2.Hire, retain and develop the best talent while embracing diversity. 3.Build relationships through activities and community involvement.
63	Minority Women Business Enterprise Certification If yes, list certifying agency. No response
64	Small Business Enterprise (SBE) or Disadvantaged Business Enterprise (DBE) Certification If yes, list certifying agency. No response
65	Historically Underutilized Business (HUB) Certification If yes, list certifying agency. No response
66	Historically Underutilized Business Zone Enterprise (HUBZone) Certification If yes, list certifying agency. No response
67	Other recognized diversity certificate holder If yes, list certifying agency No response

6
8**Describe how Supplier will transition any existing Public Agency customers' accounts to the Master Agreement available nationally through OMNIA Partners.**

Include a list of current cooperative contracts (regional and national) Offeror holds and describe how the Master Agreement will be positioned among the other cooperative agreements.

Daikin Applied will continue to promote the Master Agreement to its public customers as it does with its current Region 4 ESC contract. Daikin Applied's sales teams lead sales discussions with the value and benefits of cooperative purchasing. In many cases, customers issue a purchase addendum stating all purchases between Daikin Applied and the Public Agency must be based on Daikin Applied's Region 4 ESC contract. Daikin Applied's current cooperative contracts are with the General Services Administration (GSA contracts), TIPS, CoStars, and BuyBoard. Daikin Applied's GSA contracts are utilized mostly with federal customers and it's BuyBoard contract is specific to the states of TX, NM, and AZ. GSA/BuyBoard contracts include only Daikin Applied products and labor, which is a minimal offering to public agencies. TIPS is only utilized when an agency requests and has been used in the South Central Region. Daikin Applied presents its Region 4 ESC Master Agreement as the lead contract procurement vehicle; most often, GSA, TIPS or BuyBoard is provided only if the customer expresses a specific preference for these programs. Daikin also has a number of healthcare cooperative programs.

6
9**Acknowledge Supplier agrees to provide its logo(s) to OMNIA Partners and agrees to provide permission for reproduction of such logo in marketing communications and promotions.**

Acknowledge that use of OMNIA Partners logo will require permission for reproduction, as well.

☒ Yes

☐ No
7
0**Confirm Supplier will be proactive in direct sales of Supplier's goods and services to Public Agencies nationwide and the timely follow up to leads established by OMNIA Partners.**

All sales materials are to use the OMNIA Partners logo. At a minimum, the Offeror's sales initiatives should communicate:

- Master Agreement was competitively solicited and publicly awarded by a Principal Procurement Agency
- Best government pricing
- No cost to participate
- Non-exclusive

☒ Yes

☐ No
7
1**Confirm Offeror will train its national sales force on the Master Agreement. At a minimum, sales training should include:**

- Key features of Master Agreement
- Working knowledge of the solicitation process
- Awareness of the range of Public Agencies that can utilize the Master Agreement through OMNIA Partners
- Knowledge of benefits of the use of cooperative contracts

☒ Yes

☐ No

7
2

Provide the name, title, email and phone number for the person(s), who will be responsible for:

- Executive Support
- Marketing
- Sales
- Sales Support
- Financial Reporting
- Accounts Payable
- Contracts

Executive Support: Keela Bakken, VP-National Accounts, keela.bakken@daikinapplied.com, 612-212-5500. Marketing: Susan Kaufman, VP-Communications and Branding, susan.kaufman@daikinapplied.com, 763-203-1679. Sales and Sales Support: Greg Coffman, National Government Cooperative Sales Manager, greg.coffman@daikinapplied.com, 763-353-2252. Financial Reporting: Bryce Zaner, National Government Cooperative Program Manager, bryce.zaner@daikinapplied.com, 763-203-1330. Accounts Payable: Angie Blanchette, Director - Finance, angie.blanchette@daikinapplied.com, 763-553-5126. Contracts: Greg Coffman, National Cooperative Sales Manager, greg.coffman@daikinapplied.com, 763-353-2252.

7
3

Describe in detail how Supplier's national sales force is structured, including contact information for the highest-level executive in charge of the sales team.

Daikin Applied has an executive and government team focused on growing Region 4 ESC contract sales. The key members of the team are as follows:

Name	Title	Team	Email
Yu Nishiwaki	Chief Operating Officer	Executive	James Moe
James Moe	Senior Vice President, Sales and Service	Executive	james.moe@daikinapplied.com
John Moon	Senior Vice President, Customer Solutions/Marketing	Executive	David Godsil
David Godsil	Divisional Vice President – North Division	Executive	Bill Barkley
Bill Barkley	Divisional Vice President – West Division	Executive	Sean O'Brien
Sean O'Brien	Divisional Vice President – East Division	Executive	Keela Bakken
Keela Bakken	Director of National Accounts	Executive	Greg Coffman
Greg Coffman	National Government Cooperative Sales Manager	Government	Robert Preston
Robert Preston	Contracts Compliance Manager	Government	Bryce Zaner
Bryce Zaner	National Government Program Manager	Government	Shey Bauer
Shey Bauer	Government Regional Account Manager (North)	Government	Betsy Beach-Ross
Betsy Beach-Ross	Government Regional Account Manager (Southeast)	Government	

Daikin Applied's Region 4 ESC contract is and continues to be a key business focus for Daikin Applied to significantly grow its revenue in the US market. All members of the sales team, executive and otherwise, feel that the Region 4 ESC is a pivotal strategy for Daikin Applied to meet their growth objectives and the majority of the team members have specific Region 4 goals built into their annual performance objectives. The Divisional Vice Presidents are responsible for equipment, service, parts and aftermarket solutions in their respective division. Daikin Applied goes to market through independent manufacturers reps to offer equipment solutions, its own Daikin Applied owned service organization to offer service solutions, and parts distributors to offer aftermarket solutions to their customers; see the attached Rep roster showing the size of Daikin Applied's sales force. These organizations report into the Divisional Vice Presidents as it pertains to sales and the field service operations. They uniformly believe that Daikin Applied's Region 4 ESC contract is a critical initiative in growing all three (equipment, service, and aftermarket) market segments. Daikin Applied's Government National Accounts team is led by Greg Coffman who has been with Daikin over 2 years, and Bryce Zaner, who has been with the government team for 8+ years. The government team follows a strict review process for all cooperative contracting solutions to ensure contract compliance throughout the procurement process. The team continues to market the Region 4 ESC contract, train the Daikin Applied sales teams, and educating public agencies on the values and benefits of cooperative contracting. Daikin Applied has invested in 2 dedicated regional account managers to focus on growing cooperative contract sales. This investment has paid dividends as seen by the contract growth in the North Central and Southeast regions. Daikin Applied remains committed to investing in its government team and its partnership with Region 4 ESC.

7
4**Explain in detail how the sales teams will work with the OMNIA Partners team to implement, grow and service the national program.**

Daikin Applied holds strategy meetings with OMNIA Partners leadership and regional managers to identify key states and target markets to leverage, implement, and grow national cooperative contract sales within each of Daikin Applied's sales divisions. Once key states and targets have been identified by region, a sales initiative tailored to their unique area, legislative climate, and market will be developed. After development, training, and rollout, programs will be held to educate and train Daikin Applied's sales teams. Daikin Applied has implemented a training and education strategy to identify low performers and opportunity rich regions to hold additional focused training for its sales teams. We have developed a specific initiative for the West region based on leads from Connect and education on agency familiarity and acceptance of coops. An OMNIA Partners business plan will be created for each awarded year of the new contract which addresses training. Daikin Applied encourages its sales teams to bring their local OMNIA Partners regional manager into customer discussions to assist in procurement discussions. Daikin Applied notifies OMNIA Partners leadership when Daikin Applied encounters legislative issues which prevent the use of cooperative purchasing so OMNIA Partners can work to resolve these issues. We have worked with OMNIA and their Reps in Ohio, New York, Louisiana, California, and Oregon.

7
5**Explain in detail how Offeror will manage the overall national program throughout the term of the Master Agreement, including ongoing coordination of marketing and sales efforts, timely new Participating Public Agency account set-up, timely contract**

administration, etc.

Daikin Applied's government team follows a strict review process of all cooperative contracting solutions to ensure contract compliance throughout the procurement process. The team continues to market the Region 4 ESC Requirements for National Cooperative Contract, train the Daikin Applied sales teams, and educating public agencies on the values and benefits of cooperative contracting. The government team, which is part of Daikin Applied's National Accounts, has developed a National Accounts Guide which includes a specific section on Cooperative Contracting which clearly states the compliance requirements of Daikin Applied's Region 4 ESC Master Agreement. The government team also intends to meet with Daikin Applied and OMNIA's business development manager, contract compliance manager, and marketing teams monthly to coordinate efforts which will target specific public agency and contract offerings throughout the year. The government team also has a contract compliance manager who oversees all contract modifications working directly with OMNIA Partners. Daikin Applied has continually updated its contract with Region 4 ESC and has not had any contract violations with the 2020 award. We have added additional resources to our government team for order faster processing, CPN and proposal compliance, accounting, and improved accuracy and reporting to OMNIA.

7
6**State the amount of Supplier's Public Agency sales for the previous fiscal year. Provide a list of Supplier's top 10 Public Agency customers, the total purchases for each for the previous fiscal year along with a key contact for each.**

Daikin Applied's estimated sales for Public Agencies in calendar year 2023 totaled \$626,100,071.81. The ten (10) largest Public Agency customers for Daikin Applied, including estimated sales totals, are Henry County (\$9,349,940.11)-Shey Bauer, Houston Independent School District (\$3,764,555.41)-Kimberly Shepherd, Fort Bragg (\$3,742,858.74)-Rick Pennington, Hillsborough County Schools (\$3,188,371.32)-Ruben Colon, Gahanna Jefferson HS (\$2,980,275.64)-Mark Lockwood, Cuyahoga Falls Schools (\$2,839,475.71)-Eric Swain, Corpus Christi ISD (\$2,696,000.20)-Thomas Bailey, University of Mary Washington (\$2,545,753.73)-Stephen Colwell, Chesterfield County Public Schools (\$2,418,455.90)-Brandon Corr, and Broward County School Board (\$2,403,825.00)-Ruben Colon

7
7**Year 1 - Provide the Contract Sales (as defined in Section 12 of OMNIA Partners Administration Agreement) that Supplier will guarantee each year under the Master Agreement for the initial three years of the Master Agreement ("Guaranteed Contract Sales").**

To the extent Supplier guarantees minimum Contract Sales, the Administrative Fee shall be calculated based on the greater of the actual Contract Sales and the Guaranteed Contract Sales.

\$172000000.00

78	Year 2 - Provide the Contract Sales (as defined in Section 12 of OMNIA Partners Administration Agreement) that Supplier will guarantee each year under the Master Agreement for the initial three years of the Master Agreement To the extent Supplier guarantees minimum Contract Sales, the Administrative Fee shall be calculated based on the greater of the actual Contract Sales and the Guaranteed Contract Sales. \$198000000.00
79	Year 3 - Provide the Contract Sales (as defined in Section 12 of OMNIA Partners Administration Agreement) that Supplier will guarantee each year under the Master Agreement for the initial three years of the Master Agreement To the extent Supplier guarantees minimum Contract Sales, the Administrative Fee shall be calculated based on the greater of the actual Contract Sales and the Guaranteed Contract Sales. \$228000000.00
80	Please download and thoroughly review the Scope of Work, located on the Attachments Tab. Indicate your review and acceptance. ☒ Yes
81	Oral Communications concerning this RFP shall not be binding and shall in no way excuse an Offeror of the obligations set forth in this proposal. ☒ Yes
82	Please download and thoroughly review the Terms and Conditions, located on the Attachments Tab. Indicate your review and acceptance. ☒ Yes

83 Products/Pricing - Upload on Response Attachments Tab

i. Offerors shall provide pricing based on coefficient pricing completing Appendix D; or on a discount from a manufacturer's or other price list or catalog, or fixed price, or a combination of both with indefinite quantities. Prices listed will be used to establish the extent of a manufacturer's product lines, services, warranties, etc. that are available from Offeror and the pricing per item. Multiple percentage discounts are acceptable if, where different percentage discounts apply, the different percentages are specified. Additional pricing and/or discounts may be included. Products and services proposed are to be priced separately with all ineligible items identified. Discounts proposed shall remain the same throughout the term of the contract and at all renewal options. At a minimum the Awarded Offeror must hold the proposed price list firm for the first 12 months after the contract award. Offerors may elect to limit their proposals to any category or categories.

- Complete the applicable Pricing information

- o Provide equipment manufacturer, equipment types and discount off published list price.

- o Define any freight charges.

- o Provide classifications of labor with billable rates for each respondent's office(s), territories or district(s) along with any sub-office pricing as required. Each of these labor classification rates shall be fully burdened, defined and will be set for Normal Working Hours and Non-Normal Working Hours. Sub-contractor labor shall not be recognized. Each respondent shall determine their sub-contractor's labor rate as a prime labor classification. For example, an electrician's labor rate shall be calculated based on the respondent's sub-contractor's labor billable rate plus respondent's normal margins on sub-contractor labor. Labor classification shall be provided in the response.

- o If using coefficient pricing, the Normal Working Hours and Non-Normal Working Hours for tasks identified in the Scope of Work shall use a benchmark against an established data set (e.g.; RSMeans or others) to ensure that the hours provided can be verified. Each of these hourly tasks shall have a coefficient of labor against an established data set (e.g.; RSMeans or others) city cost index by each respondent's office(s), territories or district(s) to determine effectiveness of providing these tasks. Offerors using coefficient pricing will complete Appendix D.

Federal Funding Pricing: Due to products and services potentially being used in response to an emergency or disaster recovery situation in which federal funding may be applied, provide alternative pricing that does not include cost plus a percentage of cost or pricing based on time and materials; if time and materials is necessary, a ceiling price that the contract exceeds at its own risk will be needed. Products and services provided in a situation where an agency is eligible for federal funding, Offeror is subject to and must comply with all federal requirements applicable to the funding including, but not limited to the FEMA Special Conditions section located in the Federal Funds Certifications Exhibit F.

84 Not to Exceed Pricing

Region 4 ESC requests pricing be submitted as not to exceed pricing. Unlike fixed pricing, the Contractor can adjust submitted pricing lower if needed but, cannot exceed original pricing submitted. Contractor must allow for lower pricing to be available for similar product and service purchases. Cost plus pricing as a primary pricing structure is not acceptable.

85 Provide the number, size and location of Supplier's distribution facilities, warehouses and retail network as applicable.

Daikin has factories across US and Mexico to support our customers totalling over 2.8M square feet. We have parts warehouses in Dayton, OH and Las Vegas, Nevada.

Provide a detailed ninety-day plan beginning from award date of the Master Agreement describing the strategy to immediately implement the Master Agreement as supplier's primary go to market strategy for Public Agencies to supplier's teams nationwide,

to include, but not limited to:

- i. Executive leadership endorsement and sponsorship of the award as the public sector go-to-market strategy within first 10 days
- ii. Training and education of Supplier's national sales force with participation from the Supplier's executive leadership, along with the OMNIA Partners team within first 90 days

Within ten days of award notice, Daikin Applied will announce the award via multiple media sources (i.e. LinkedIn, Facebook, internal marketing news). Daikin Applied's national sales and service force, including its independent Reps and Service Alliance Partners, will be made aware, through internal marketing news, of the award which would extend Daikin Applied's current 5-year contract with Region 4 ESC. Daikin Applied is focused on training and educating its Daikin Applied and independent representative sales force. All new service sales personnel are provided the OMNIA overview webinar, power points, and our co-branded K-12 initiative brochure available on our sales portal. We have also identified the need to train all new sales coordinators and have done so for more than a year, which will continue. Daikin Applied will implemented a training strategy within 90 days, with the input of OMNIA Partners, to identify key cooperative markets and regions to hold additional focused training for its sales teams and regional leadership. We will also identify Rep and Service teams that have not grown or have minimal cooperative sales and develop a sales strategy by engaging the OMNIA Reps, signing up Daikin sales personnel on OMNIA Connect, and providing qualified leads from which to begin developing strategic partnerships. The training will include monthly follow-up to measure and ensure progress. An OMNIA Partners business plan will be created for each awarded year of the new contract as well as holding a Business Advancement Meeting with OMNIA annually.

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Provide a detailed ninety-day plan beginning from award date of the Master Agreement describing the strategy to market the Master Agreement to current Participating Public Agencies, existing Public Agency customers of Supplier, as well as to prospective

Public Agencies nationwide immediately upon award, to include, but not limited to:

- i. Creation and distribution of a co-branded press release to trade publications
- ii. Announcement, Master Agreement details and contact information published on the Supplier's website within first 90 days
- iii. Design, publication and distribution of co-branded marketing materials within first 90 days
- iv. Commitment to attendance and participation with OMNIA Partners at national (i.e. NIGP Annual Forum, NPI Conference, etc.), regional (i.e. Regional NIGP Chapter Meetings, Regional Cooperative Summits, etc.) and supplier-specific trade shows, conferences and meetings throughout the term of the Master Agreement
- v. Commitment to attend, exhibit and participate at the NIGP Annual Forum in an area reserved by OMNIA Partners for partner suppliers. Booth space will be purchased and staffed by Supplier. In addition, Supplier commits to provide reasonable assistance to the overall promotion and marketing efforts for the NIGP Annual Forum, as directed by OMNIA Partners.
- vi. Design and publication of national and regional advertising in trade publications throughout the term of the Master Agreement
- vii. Ongoing marketing and promotion of the Master Agreement throughout its term (case studies, collateral pieces, presentations, promotions, etc.)
- viii. Dedicated OMNIA Partners internet web-based homepage on Supplier's website with:
 - OMNIA Partners standard logo;
 - Copy of original Request for Proposal;
 - Copy of Master Agreement and amendments between Principal Procurement Agency and Supplier;
 - Summary of Products and pricing;
 - Marketing Materials
 - Electronic link to OMNIA Partners' website including the online registration page;
 - A dedicated toll-free number and email address for OMNIA Partners

i: An OMNIA Partners business plan will be created for each awarded year of the new contract. Marketing will include cobranded press releases via multiple social media platforms along with trade publications which OMNIA Partners assists Daikin Applied with advertisements. ii: Daikin Applied will update its current dedicated cooperative website within DaikinApplied.com with newly awarded contract information within the first 90 days of award. iii: Daikin Applied currently co-brands marketing materials with its Region 4 ESC contract available through OMNIA Partners and intends to continue to co-brand materials under this contract similar to our K-12 brochure. iv: Daikin Applied is committed to attend supplier-specific trade shows, conferences, and meetings as reasonably scheduled and within Daikin Applied's budget throughout the term of the Master Agreement. v: Daikin Applied is committed to attend, exhibit and participate at the NIGP Annual Forum in the area reserved by OMNIA Partners as well as participating in other reasonably requested events which are budgeted by Daikin Applied. vi: Daikin Applied agrees to this requirement as approved by both companies. Daikin Applied in collaboration with OMNIA Partners will advertise in national and regional trade publications to support national and regional activities, in addition to leveraging the rep network to disseminate messages. Recently Daikin had co-branded banner ads as well as a national article published in NCPP magazine highlighting our Garrett County project through OMNIA. vii: Daikin agrees to this request. viii: Daikin Applied agrees to the requirements listed above. Upon successful award, Daikin Applied will update its current OMNIA Partners, Public Sector internet web-based homepage on both Daikin Applied and OMNIA websites.

8
8

GENERAL TERMS AND CONDITIONS

Respondent agrees to comply with the Contract and General Terms and Conditions provided as an attachment to this online bid event. Any deviations to the Contract and General Terms and Conditions may be provided using the procedures set forth in the attribute pertaining to deviations.

☒ I certify compliance with this attribute.

8
9**DEVIATIONS TO TERMS AND CONDITIONS**

Any Deviation from the RFP documents, including the General Terms and Conditions, Notice to Offeror, or any other document presented with terms for consideration by the proposer **MUST** be documented and presented on the Deviation Form and attached to this electronic bid event via an electronic upload to the "Response Attachments" tab. In addition to indicating the requested deviations on the form, additional pages may be provided to more thoroughly explain each deviation listed on the Deviation Form.

☒ I certify compliance with this attribute.

9
0**FELONY CONVICTION NOTIFICATION**

State of Texas Legislative Senate Bill No. 1 Section 44.034, Notification of Criminal History, Subsection (a), states "a person or business entity that enters into an agreement with a school district must give advance notice to the district if the person or an owner or operator of the business entity has been convicted of a felony. The notice must include a general description of the conduct resulting in the conviction of a felony".

Subsection (b) states "a school district may terminate the agreement with a person or business entity if the district determines that the person or business entity failed to give notice as required by Subsection (a), or misrepresented the conduct resulting in the conviction. The district must compensate the person or business entity for services performed before the termination of the contract".

Subsection (c) states "this section does not apply to a publicly held corporation".

Use the list of values associated with this item to identify your status as it relates to this legal requirement.

Non-Felon - person/owner IS NOT a convicted felon

9
1**NAME OF FELON AND NATURE OF FELONY, IF APPLICABLE**

If response to previous attribute was "Felon - person/owner IS a convicted felon", vendor shall give the name of the felon and details of conviction.

If you did not answer "Felon - person/owner IS a convicted felon" in the previous question, type "N/A" in the respective field.

N/A - Not Applicable.

9
2**CRIMINAL HISTORY RECORDS REVIEW OF CERTAIN CONTRACT EMPLOYEES**

Texas Education Code Chapter §22.0834 requires that criminal history records be obtained regarding covered employees of entities that contract with a school entity in Texas to provide services for that school entity ("Contractors") and entities that contract with school entity contractors ("Subcontractors"). Covered employees with disqualifying criminal histories are prohibited from serving at a school entity. Contractors/Subcontractors contracting with a school entity shall (1) maintain compliance with the requirements of Texas Education Code Chapter 22 to the school entity; and (2) require that each of their subcontractors complies with the requirements of Texas Education Code Chapter 22. Contractors performing work at a school entity in Texas must comply with these statutes.

Compliance includes providing or causing employees and sub-contractor employees to provide requested information and fingerprinting upon request.

Covered employees: Employees of a Contractor/Subcontractor who have or will have continuing duties related to the service to be performed at a school entity and have or will have direct contact with students. The school entity will be the final arbiter of what constitutes *continuing duties* and *direct contact* with students at their school.

☒ I certify compliance with this attribute.

HISTORICALLY UNDERUTILIZED BUSINESS (HUB) CERTIFICATION

Businesses that have been certified by the Texas Building and Procurement Commission (TBPC) or other qualified agency as Historically Underutilized Business (HUB) entities are encouraged to indicate their HUB status when responding to this proposal invitation. The electronic catalogs will indicate HUB certifications for vendors that properly indicate and document their HUB certification on this form.

Select one of the available options:

OPTION A: My business has NOT been certified as HUB.

OPTION B: I certify that my business has been certified as a Historically Underutilized Business (HUB), and I have/will upload the certification information into the "Response Attachments" Tab located in this online bidding event.

☐ OPTION A - Not HUB

DISCLOSURE OF INTERESTED PARTIES

Texas state law requires the Disclosure of Interested Parties be filed with a public entity, including regional service centers and school districts, for any contract which:

- (1) requires an action or vote by the governing body; or
- (2) has a value of \$1 million or more; or
- (3) for any services provided that would require an individual to register as a lobbyist under TX Gov't Code Chapter 305.

NOTE: This form is not required if the vendor is a publicly-traded business entity, including a wholly-owned subsidiary of the business entity (a company in which ownership is dispersed among the general public via shares of stock which are traded via at least one stock exchange or over-the-counter market).

If you are required by law to submit this form, it must be completed online at the Texas Ethics Commission website. Obtain a numbered certificate and click the link below to access the instructions and to complete this required form. Upon completion, vendors required to submit the form must attach it to the proposal via the "Response Attachments" Tab.

[Click here to complete the form on the Texas Ethic Commission's 1295 Form webpage.](#)

Please note: The District must verify receipt of all required 1295 forms received within 30 days on the Texas Ethics Commission website. This verification does not indicate a contract award. Contract awards will be issued via direct communication from the AISD Purchasing Department. A contract requiring a Disclosure of Interested Parties form is voidable at any time if:

- (1) the governmental entity or state agency submits to the business entity written notice of the business entity's failure to provide the required disclosure; and
- (2) the business entity fails to submit to the governmental entity or state agency the required disclosure on or before the 10th business day after the date the business entity receives the written notice.

IF UNDER LAW YOU ARE EXEMPT FROM SUBMITTING THIS 1295 FORM, PROPOSERS MUST SUBMIT A DOCUMENT THAT SHOWS PROOF OR PROVIDES EXPLANATION OF THIS EXEMPTION.

THE FOLLOWING CONTRACTS ARE EXEMPT FROM THE REQUIREMENTS OF TEXAS DISCLOSURE OF INTERESTED PARTIES LAWS:

- *a sponsored research contract of an institution of higher education;*
- *an interagency contract of a state agency or an institution of higher education;*
- *a contract related to health and human services if:*
 - *the value of the contract cannot be determined at the time the contract is executed; and*
 - *any qualified vendor is eligible for the contract;*
- *a contract with a publicly traded business entity, including a wholly owned subsidiary of the business entity;*
- *a contract with an electric utility, as that term is defined by Section 31.002, Utilities Code; or*
- *a contract with a gas utility, as that term is defined by Section 121.001, Utilities Code.*

☒ I certify compliance with this attribute.

CONFLICT OF INTEREST QUESTIONNAIRE

Region 4 Education Service Center (Region 4) is required to comply with Texas Local Government Code Chapter 176, Disclosure of Certain Relationships with Local Government Officers. House Bill 23 significantly changed Chapter 176 as well as the required disclosures and the corresponding forms. As of September 1, 2015, any vendor who does business with Region 4 or who seeks to do business with Region 4 must fill out the new Conflict of Interest Questionnaire (CIQ) if a conflict of interest exists. A conflict of interest exists in the following situations:

- 1) If the vendor has an employment or other business relationship with a local government officer of Region 4 or a family member of the officer, as described by section 176.003(a)(2)(A) of the Texas Local Government Code; or
- 2) If the vendor has given a local government officer of Region 4, or a family member of the officer, one or more gifts with the aggregate value of \$100, excluding any gift accepted by the officer or a family member of the officer if the gift is: (a) a political contribution as defined by Title 15 of the Election Code; or (b) a gift of food accepted as a guest; or
- 3) If the vendor has a family relationship with a local government officer of Region 4.

"Vendor" means a person who enters or seeks to enter into a contract with a local governmental entity. The term includes an agent of a vendor. The term includes an officer or employee of a state agency when that individual is acting in a private capacity to enter into a contract. The term does not include a state agency except for Texas Correctional Industries. Texas Local Government Code 176.001(7).

"Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on: (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity; (B) a transaction conducted at a price and subject to terms available to the public; or (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency. Texas Local Government Code 176.001(3).

"Family relationship" means a relationship between a person and another person within the third degree by consanguinity or the second degree by affinity, as those terms are defined by Subchapter B, Chapter 573, Government Code. Texas Local Government Code 176.001(2-a).

"Local government officer" means: (A) a member of the governing body of a local governmental entity; (B) a director, superintendent, administrator, president, or other person designated as the executive officer of a local governmental entity; or (C) an agent of a local governmental entity who exercises discretion in the planning, recommending, selecting, or contracting of a vendor. Texas Local Government Code 176.001(4).

Individuals serving as a Member of the Board of Directors, the Executive Director, Cabinet Members, and other local government officers may be found at: <https://www.esc4.net/about/about-region-4>.

For additional information on Conflict of Interest Questionnaire, and the statutes that mandate it, please visit the following links:

[Texas Local Government Code, Section 176](#)

[Texas House Bill 23](#)

A blank Conflict of Interest Questionnaire is available by clicking:

<https://www.ethics.state.tx.us/data/forms/conflict/CIQ.pdf>.

If your firm is required to return a completed Conflict of Interest Questionnaire with your proposal submission, use the "Response Attachments" Tab to upload the completed document.

☒ I certify compliance with this attribute.

9
6**ENTITIES THAT BOYCOTT ISRAEL**

Pursuant to Chapter 2271 of the Texas Government Code, the Respondent hereby certifies and verifies that neither the Respondent, nor any affiliate, subsidiary, or parent company of the Respondent, if any (the "Respondent Companies"), boycotts Israel, and the Respondent agrees that the Respondent and Respondent Companies will not boycott Israel during the term of this Agreement. For purposes of this Agreement, the term "boycott" shall mean and include refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes.

EXCEPTIONS: Clause only applies to contracts and contractors that meet the following criteria: (i) Respondent is not a sole proprietorship; (ii) with 10 or more full-time employees; and (iii) with a contract to be paid a value of \$100,000 or more wholly or partially from public funds of the governmental entity.

☒ I certify compliance with this attribute.

9
7**FOREIGN TERRORIST ORGANIZATIONS**

Section 2252.152 of the Texas Government Code prohibits Region 4 ESC from awarding a contract to any person who does business with Iran, Sudan, or a foreign terrorist organization as defined in Section 2252.151 of the Texas Government Code. Respondent certifies that it not ineligible to receive the contract.

☒ I certify compliance with this attribute.

9
8**FIREARMS ENTITIES AND TRADE ASSOCIATIONS DISCRIMINATION**

Respondent verifies that: (1) it does not, and will not for the duration of the contract, have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association or (2) the verification required by Section 2274.002 of the Texas Government Code does not apply to the contract. If circumstances relevant to this provision change during the course of the contract, Respondent shall promptly notify Region 4 ESC.

APPLICABILITY: This clause applies only to a contract that: (1) is between a governmental entity and a company with at least 10 full-time employees; and (2) has a value of at least \$100,000 that is paid wholly or partly from public funds of the governmental entity.

EXCEPTIONS: This clause is not required when a state Agency: (1) contracts with a sole-source provider; or (2) does not receive any bids from a company that is able to provide the written verification required by Section 2274.002(b) of the Texas Government Code.

☒ I certify compliance with this attribute.

9
9**ENERGY COMPANY BOYCOTT PROHIBITED**

Respondent represents and warrants that: (1) it does not, and will not for the duration of the contract, boycott energy companies or (2) the verification required by Section 2274.002 of the Texas Government Code does not apply to the contract. If circumstances relevant to this provision change during the course of the contract, Respondent shall promptly notify Region 4 ESC.

EXCEPTIONS: Clause only applies to contracts and contractors that meet the following criteria: (i) a "company" within the definitions of Section 2274.001(2) of the Tex. Gov't Code; (ii) with 10 or more full-time employees; and (iii) with a contract to be paid a value of \$100,000 or more wholly or partially from public funds of the governmental entity.

☒ I certify compliance with this attribute.

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0**CRITICAL INFRASTRUCTURE AFFIRMATION**

Pursuant to Government Code Section 2274.0102, Respondent certifies that neither it nor its parent company, nor any affiliate of Respondent or its parent company, is: (1) majority owned or controlled by citizens or governmental entities of China, Iran, North Korea, Russia, or any other country designated by the Governor under Government Code Section 2274.0103, or (2) headquartered in any of those countries.

EXCEPTION: Clause only applies to solicitations and contracts in which the contractor would be granted direct or remote access to or control of critical infrastructure, as defined by Section 2274.0101 of the Texas Government Code, in this state, other than access specifically allowed for product warranty and support purposes.

The Governor of the State of Texas may designate countries as a threat to critical infrastructure under Section 2274.0103 of the Texas Government Code. Agencies should promptly add any country that is designated by the Governor to this clause."

☒ I certify compliance with this attribute.

OPEN RECORDS POLICY

All proposals, information and documents submitted are subject to the Public Information Act requirements governed by the State of Texas once a Contract(s) is executed. If an Offeror believes its response, or parts of its response, may be exempted from disclosure, the Offeror must specify page-by-page and line-by-line the parts of the response, which it believes, are exempt and include detailed reasons to substantiate the exemption. Price is not confidential and will not be withheld. Any unmarked information will be considered public information and released, if requested under the Public Information Act.

The determination of whether information is confidential and not subject to disclosure is the duty of the Office of Attorney General (OAG). Region 4 ESC must provide the OAG sufficient information to render an opinion and therefore, vague and general claims to confidentiality by the Offeror are not acceptable. Region 4 ESC must comply with the opinions of the OAG. Region 4 ESC assumes no responsibility for asserting legal arguments on behalf of any Offeror. Offeror is advised to consult with their legal counsel concerning disclosure issues resulting from this procurement process and to take precautions to safeguard trade secrets and other proprietary information.

Check one of the following responses to the Acknowledgment and Acceptance of Region 4 ESC's Open Records Policy below:

OPTION A: We acknowledge Region 4 ESC's Open Records Policy and declare that no information submitted with this proposal, or any part of our proposal, is exempt from disclosure under the Public Information Act.

OPTION B: We declare the following information to be a trade secret or proprietary and exempt from disclosure under the Public Information Act and these requested exemptions are uploaded into the "Response Attachments" Tab located in this online bidding event.

(Note: Offeror must specify page-by-page and line-by-line the parts of the response, which it believes, are exempt. In addition, Offeror must include detailed reasons to substantiate the exemption(s). Price is not confidential and will not be withheld. All information believed to be a trade secret or proprietary must be listed. It is further understood that failure to identify such information, in strict accordance with the instructions, will result in that information being considered public information and released, if requested under the Public Information Act.)

☐ OPTION B - Proprietary information marked

CONSENT TO RELEASE PROPOSAL TABULATION

Notwithstanding anything explicitly and properly declared as Confidential or Proprietary Information to the contrary, by submitting a Proposal, Vendor consents and agrees that, upon Contract award, the District may publicly release, including posting on the public Region 4 ESC and/or OMNIA Partners website(s), a copy of the proposal tabulation for the Contract including Vendor name; proposed catalog/pricelist name(s); proposed percentage discount(s), unit price(s), hourly labor rate(s), or other specified pricing; and Vendor award notice information.

☒ I certify compliance with this attribute.

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CONTRACTING INFORMATION

If Vendor is not a governmental body and

- (a) this Agreement has a stated expenditure of at least \$1 million in public funds for the purchase of goods or services by REGION 4 ESC; or
- (b) this Agreement results in the expenditure of at least \$1 million in public funds for the purchase of goods or services by REGION 4 ESC in a fiscal year of REGION 4 ESC, the following certification shall apply; otherwise, this certification is not required.

As required by Tex. Gov't Code § 552.374(b), the following statement is included in the RFP and the Agreement (unless the Agreement is

- (1) related to the purchase or underwriting of a public security;
- (2) is or may be used as collateral on a loan; or
- (3) proceeds from which are used to pay debt service of a public security of loan):

"The requirements of Subchapter J, Chapter 552, Government Code, may apply to this RFP and Agreement and the contractor or vendor agrees that the contract can be terminated if the contractor or vendor knowingly or intentionally fails to comply with a requirement of that subchapter."

Pursuant to Subchapter J, Chapter 552, Texas Government Code, the Vendor hereby certifies and agrees to

- (1) preserve all contracting information related to this Agreement as provided by the records retention requirements applicable to REGION 4 ESC for the duration of the Agreement;
- (2) promptly provide to REGION 4 ESC any contracting information related to the Agreement that is in the custody or possession of the Vendor on request of REGION 4 ESC; and
- (3) on completion of the Agreement, either
 - (a) provide at no cost to AISD all contracting information related to the Agreement that is in the custody or possession of Vendor, or
 - (b) preserve the contracting information related to the Agreement as provided by the records retention requirements applicable to REGION 4 ESC.

☒ I certify compliance with this attribute.

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ANTI-TRUST CERTIFICATION STATEMENT

Vendor affirms under penalty of perjury of the laws of the State of Texas that:

- (1) I am duly authorized to execute this contract on my own behalf or on behalf of the company, corporation, firm, partnership or individual (Company) listed below;
- (2) In connection with this bid, neither I nor any representative of the Company have violated any provision of the Texas Free Enterprise and Antitrust Act, Tex. Bus. & Comm. Code Chapter 15;
- (3) In connection with this bid, neither I nor any representative of the Company have violated any federal antitrust law; and
- (4) Neither I nor any representative of the Company have directly or indirectly communicated any of the contents of this bid to a competitor of the Company or any other company, corporation, firm, partnership or individual engaged in the same line of business as the Company.

☒ I certify compliance with this attribute.

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FEDERAL RULE (A) - CONTRACT TERM VIOLATIONS

(A) Contracts for more than the simplified acquisition threshold currently set at \$250,000 (2 CFR §200.320), which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

Pursuant to Federal Rule (A) above, when federal funds are expended by Region 4 ESC, Region 4 ESC reserves all rights and privileges under the applicable laws and regulations with respect to this procurement in the event of breach of contract by either party.

☒ I certify compliance with this attribute.

106 FEDERAL RULE (B) - TERMINATION CONDITIONS

(B) Termination for cause and for convenience by the grantee or subgrantee including the manner by which it will be effected and the basis for settlement. (All contracts in excess of \$10,000)

Pursuant to Federal Rule (B) above, when federal funds are expended by REGION 4 ESC, REGION 4 ESC reserves the right to immediately terminate any agreement in excess of \$10,000 resulting from this procurement process in the event of a breach or default of the agreement by Vendor, in the event vendor fails to: (1) meet schedules, deadlines, and/or delivery dates within the time specified in the procurement solicitation, contract, and/or a purchase order; (2) make any payments owed; or (3) otherwise perform in accordance with the contract and/or the procurement solicitation; (4) to the greatest extent authorized by law, if an award no longer effectuates the program goals or priorities of the Federal awarding agency or REGION 4 ESC. REGION 4 ESC also reserves the right to terminate the contract immediately, with written notice to vendor, for convenience, if REGION 4 ESC believes, in its sole discretion that it is in the best interest of REGION 4 ESC to do so. The vendor will be compensated for work performed and accepted and goods accepted by REGION 4 ESC as of the termination date if the contract is terminated for convenience of REGION 4 ESC. Any award under this procurement process is not exclusive and REGION 4 ESC reserves the right to purchase goods and services from other vendors when it is in the best interest of REGION 4 ESC.

☒ I certify compliance with this attribute.

107 FEDERAL RULE (C) - EQUAL EMPLOYMENT OPPORTUNITY

(C) Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

It is the policy of REGION 4 ESC not to discriminate on the basis of race, color, national origin, gender, limited English proficiency or disabling conditions in its programs. Vendor agrees not to discriminate against any employee or applicant for employment to be employed in the performance of this Contract, with respect to hire, tenure, terms, conditions and privileges of employment, or a matter directly or indirectly related to employment, because of age (except where based on a bona fide occupational qualification), sex (except where based on a bona fide occupational qualification) or race, color, religion, national origin, or ancestry. Vendor further agrees that every subcontract entered into for the performance of this Contract shall contain a provision requiring non-discrimination in employment herein specified binding upon each subcontractor. Breach of this covenant may be regarded as a material breach of the Contract.

Pursuant to Federal Rule (C) and the requirements stated above, when federal funds are expended by REGION 4 ESC on any federally assisted construction contract, the equal opportunity clause is incorporated by reference herein.

☒ I certify compliance with this attribute.

108 FEDERAL RULE (D) - DAVIS BACON ACT/COPELAND ACT

(D) Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146- 3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland "Anti-Kickback" Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

Pursuant to Federal Rule (D) above, when federal funds are expended by REGION4 ESC, during the term of an award for all contracts and subgrants for construction or repair, the vendor will be in compliance with all applicable Davis-Bacon Act provisions.

☒ I certify compliance with this attribute.

109 FEDERAL RULE (E) - CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

(E) (40 U.S.C. 3701-3708). Where applicable, all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

Pursuant to Federal Rule (E) above, when federal funds are expended by REGION 4 ESC, the vendor certifies that during the term of an award for all contracts by REGION 4 ESC resulting from this procurement process, the vendor will be in compliance with all applicable provisions of the Contract Work Hours and Safety Standards Act.

☒ I certify compliance with this attribute.

110 FEDERAL RULE (F) - RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT

(F) If the Federal award meets the definition of "funding agreement" under 37 CFR §401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

Pursuant to Federal Rule (F) above, when federal funds are expended by REGION 4 ESC, the vendor certifies that during the term of an award for all contracts by REGION 4 ESC resulting from this procurement process, the vendor agrees to comply with all applicable requirements as referenced in Federal Rule (F) above.

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FEDERAL RULE (G) - CLEAN AIR ACT/FEDERAL WATER POLLUTION CONTROL ACT

(G) The Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended—Contracts and subgrants of amounts in excess of \$150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251- 1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

When federal funds are expended by REGION 4 ESC for any contract resulting from this procurement process, the vendor certifies that the vendor will be in compliance with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).

When federal funds are expended by REGION 4 ESC for any contract resulting from this procurement process in excess of \$100,000, the vendor certifies that the vendor is in compliance with all applicable standards, orders, regulations, and/or requirements issued pursuant to the Clean Air Act of 1970, as amended (42 U.S.C. 1857(h)), Section 508 of the Clean Water Act, as amended (33 U.S.C. 1368), Executive Order 117389 and Environmental Protection Agency Regulation, 40 CFR Part 15.

Pursuant to Federal Rule (G) above, when federal funds are expended by REGION 4 ESC, the vendor certifies that during the term of an award for all contracts by REGION 4 ESC resulting from this procurement process, the vendor agrees to comply with all applicable requirements as referenced in Federal Rule (G) above.

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FEDERAL RULE (H) - DEBARMENT AND SUSPENSION

(H) (Executive Orders 12549 and 12689)—A contract award (see 2 CFR 180.220) must not be made to parties listed on the governmentwide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

Pursuant to Federal Rule (H) above, when federal funds are expended by REGION 4 ESC, the vendor certifies that during the term of an award for all contracts by REGION 4 ESC resulting from this procurement process, the vendor certifies that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency or by the State of Texas. Vendor shall immediately provide written notice to REGION 4 ESC if at any time the vendor learns that this certification was erroneous when submitted or has become erroneous by reason of changed circumstances. REGION 4 ESC may rely upon a certification of a vendor that the vendor is not debarred, suspended, ineligible, or voluntarily excluded from the covered contract, unless REGION 4 ESC knows the certification is erroneous.

☒ I certify compliance with this attribute.

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3** **FEDERAL RULE (I) - BYRD ANTI-LOBBYING AMENDMENT**

(I) (31 U.S.C. 1352)—Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

Pursuant to Federal Rule (I) above, when federal funds are expended by REGION 4 ESC, the vendor certifies that during the term and after the awarded term of an award for all contracts by REGION 4 ESC resulting from this procurement process, the vendor certifies that it is in compliance with all applicable provisions of the Byrd Anti-Lobbying Amendment (31 U.S.C. 1352). The undersigned further certifies that:

(1) No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of a Federal contract, the making of a Federal grant, the making of a Federal loan, the entering into a cooperative agreement, and the extension, continuation, renewal, amendment, or modification of a Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certificate is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

☒ I certify compliance with this attribute.

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4** **FEDERAL RULE (J) - PROCUREMENT OF RECOVERED MATERIALS**

(J) When federal funds are expended by REGION 4 ESC, REGION 4 ESC and its contractors must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include: (1) procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; (2) procuring solid waste management services in a manner that maximizes energy and resource recovery; and (3) establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

Pursuant to Federal Rule (J) above, when federal funds are expended REGION 4 ESC, as required by the Resource Conservation and Recovery Act of 1976 (42 U.S.C. § 6962(c)(3)(A)(i)), the vendor certifies, by signing this document, that the percentage of recovered materials content for EPA-designated items to be delivered or used in the performance of the contract will be at least the amount required by the applicable contract specifications or other contractual requirements.

☒ I certify compliance with this attribute.

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5**FEDERAL RULE (K) - PROHIBITION ON CERTAIN TELECOM AND SURVEILLANCE SERVICE AND EQUIPMENT**

(K) Region 4 ESC, as a non-federal entity, is prohibited from obligating or expending Federal financial assistance, to include loan or grant funds, to: (1) procure or obtain, (2) extend or renew a contract to procure or obtain, or (3) enter into a contract (or extend or renew a contract) to procure or obtain, equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as a critical technology as part of any system. Covered telecommunications equipment is telecommunications equipment produced Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities) and physical security surveillance of critical infrastructure and other national security purposes, and video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities) for the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes detailed in 2 CFR § 200.216.

The Respondent certifies that it will not purchase equipment, services, or systems that use covered telecommunications, as defined herein, as a substantial or essential component of any system, or as critical technology as part of any system.

☒ I certify compliance with this attribute.

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6**FEDERAL RULE (L) - BUY AMERICAN PROVISIONS**

(L) As appropriate and to the extent consistent with law, REGION 4 ESC has a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States, including but not limited to iron, aluminum, steel, cement, and other manufactured products, when spending federal funds. Vendor agrees that the requirements of this section will be included in all subawards including all contracts and purchase orders for work or products under this award, to the greatest extent practicable under a Federal award. Purchases that are made with non-federal funds or grants are excluded from the Buy American Act.

Vendor certifies that it is in compliance with all applicable provisions of the Buy American Act. Purchases made in accordance with the Buy American Act must still follow the applicable procurement rules calling for free and open competition.

"Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States. "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

☒ I certify compliance with this attribute.

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7**FEDERAL RULE - REQUIRED AFFIRMATIVE STEPS FOR SMALL, MINORITY, AND WOMEN-OWNED FIRMS FOR CONTRACTS PAID FOR WITH FEDERAL FUNDS**

When federal funds are expended by REGION 4 ESC, Vendor is required to take all affirmative steps set forth in 2 CFR 200.321 to solicit and reach out to small, minority and women owned firms for any subcontracting opportunities on the project, including:

- 1) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
- 2) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
- 3) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
- 4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises; and
- 5) Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

☒ I certify compliance with this attribute.

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8** **FEDERAL RULE - FEDERAL RECORD RETENTION**

When federal funds are expended by REGION 4 ESC for any contract resulting from this procurement process, the vendor certifies that it will comply with the record retention requirements detailed in 2 CFR §200.334. The vendor further certifies that vendor will retain all records as required by 2 CFR §200.334 for a period of five (5) years after grantees or subgrantees submit final expenditure reports or quarterly or annual financial reports, as applicable, and all other pending matters are closed.

Vendor agrees that REGION 4 ESC, Inspector General, Department of Homeland Security, FEMA, the Comptroller General of the United States, or any of their duly authorized representatives shall have access to any books, documents, papers and records of Vendor, and its successors, transferees, assignees, and subcontractors that are directly pertinent to the Contract for the purpose of making audits, examinations, excerpts, and transcriptions. The right also includes timely and reasonable access to Vendor's personnel for the purpose of interview and discussion relating to such documents. Vendor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed. Vendor agrees to provide the FEMA Administrator or his authorized representative access to construction or other work sites pertaining to the work being completed under the Contract.

☒ I certify compliance with this attribute.

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9** **FEDERAL RULE - PROFIT NEGOTIATION**

For purchases using Federal funds in excess of \$250,000, REGION 4 ESC may be required to negotiate profit as a separate element of the price. (See 2 CFR 200.324(b)).

When required by REGION 4 ESC, Vendor agrees to provide information relating to profitability of the given transaction and itemize the profit margin as a separate element of the price.

☒ I certify compliance with this attribute.

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0** **FEDERAL RULE - SOLID WASTE DISPOSAL ACT**

A non-Federal entity that is a state agency or agency of a political subdivision of a state and its contractors must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceed \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines. (78 FR 78608, Dec. 26, 2013, as amended at 79 FR 75885, Dec. 19, 2014.)

Pursuant to this federal rule, when federal funds are expended by REGION 4 ESC, the vendor certifies that during the term of all contracts resulting from this procurement process, the vendor agrees to comply with all applicable requirements as referenced in this paragraph.

☒ I certify compliance with this attribute.

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1** **APPLICABILITY TO SUBCONTRACTORS**

Vendor agrees that all contracts it awards pursuant to this procurement action shall be bound by the terms and conditions of this procurement action.

☒ I certify compliance with this attribute.

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2** **COMPLIANCE WITH THE ENERGY POLICY AND CONSERVATION ACT**

When REGION 4 ESC expends federal funds for any contract resulting from this procurement process, Vendor certifies that it will comply with the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (42 U.S.C. 6321 et seq.; 49 C.F.R. Part 18).

☒ I certify compliance with this attribute.

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3**INDEMNIFICATION****Acts or Omissions**

Vendor shall indemnify and hold harmless Region 4, AND/OR THEIR OFFICERS, AGENTS, EMPLOYEES, REPRESENTATIVES, CONTRACTORS, ASSIGNEES, AND/OR DESIGNEES FROM ANY AND ALL LIABILITY, ACTIONS, CLAIMS, DEMANDS, OR SUITS, AND ALL RELATED COSTS, ATTORNEY FEES, AND EXPENSES arising out of, or resulting from any acts or omissions of the Vendor or its agents, employees, subcontractors, Order Fulfillers, or suppliers of subcontractors in the execution or performance of the Contract and any Purchase Orders issued under the Contract.

Infringements

a) Vendor shall indemnify and hold harmless Region 4 and Customers, AND/OR THEIR EMPLOYEES, AGENTS, REPRESENTATIVES, CONTRACTORS, ASSIGNEES, AND/OR DESIGNEES from any and all third party claims involving infringement of United States patents, copyrights, trade and service marks, and any other intellectual or intangible property rights in connection with the PERFORMANCES OR ACTIONS OF VENDOR PURSUANT TO THIS CONTRACT. VENDOR AND THE CUSTOMER AGREE TO FURNISH TIMELY WRITTEN NOTICE TO EACH OTHER OF ANY SUCH CLAIM. VENDOR SHALL BE LIABLE TO PAY ALL COSTS OF DEFENSE INCLUDING ATTORNEYS' FEES.

b) Vendor shall have no liability under this section if the alleged infringement is caused in whole or in part by: (i) use of the product or service for a purpose or in a manner for which the product or service was not designed, (ii) any modification made to the product without Vendor's written approval, (iii) any modifications made to the product by the Vendor pursuant to Customer's specific instructions, (iv) any intellectual property right owned by or licensed to Customer, or (v) any use of the product or service by Customer that is not in conformity with the terms of any applicable license agreement.

c) If Vendor becomes aware of an actual or potential claim, or Customer provides Vendor with notice of an actual or potential claim, Vendor may (or in the case of an injunction against Customer, shall), at Vendor's sole option and expense; (i) procure for the Customer the right to continue to use the affected portion of the product or service, or (ii) modify or replace the affected portion of the product or service with functionally equivalent or superior product or service so that Customer's use is non-infringing.

Taxes/Workers' Compensation/Unemployment Insurance – Including Indemnity

a) VENDOR AGREES AND ACKNOWLEDGES THAT DURING THE EXISTENCE OF THIS CONTRACT, VENDOR SHALL BE ENTIRELY RESPONSIBLE FOR THE LIABILITY AND PAYMENT OF VENDOR'S AND VENDOR'S EMPLOYEES' TAXES OF WHATEVER KIND, ARISING OUT OF THE PERFORMANCES IN THIS CONTRACT. VENDOR AGREES TO COMPLY WITH ALL STATE AND FEDERAL LAWS APPLICABLE TO ANY SUCH PERSONS, INCLUDING LAWS REGARDING WAGES, TAXES, INSURANCE, AND WORKERS' COMPENSATION. THE CUSTOMER AND/OR REGION 4 SHALL NOT BE LIABLE TO THE VENDOR, ITS EMPLOYEES, AGENTS, OR OTHERS FOR THE PAYMENT OF TAXES OR THE PROVISION OF UNEMPLOYMENT INSURANCE AND/OR WORKERS' COMPENSATION OR ANY BENEFIT AVAILABLE TO A STATE EMPLOYEE OR EMPLOYEE OF ANOTHER GOVERNMENTAL ENTITY CUSTOMER.

b) VENDOR AGREES TO INDEMNIFY AND HOLD HARMLESS CUSTOMERS, REGION 4 AND/OR THEIR EMPLOYEES, AGENTS, REPRESENTATIVES, CONTRACTORS, AND/OR ASSIGNEES FROM ANY AND ALL LIABILITY, ACTIONS, CLAIMS, DEMANDS, OR SUITS, AND ALL RELATED COSTS, ATTORNEYS' FEES, AND EXPENSES, RELATING TO TAX LIABILITY, UNEMPLOYMENT INSURANCE AND/OR WORKERS' COMPENSATION IN ITS PERFORMANCE UNDER THIS CONTRACT, VENDOR SHALL BE LIABLE TO PAY ALL COSTS OF DEFENSE INCLUDING ATTORNEYS' FEES.

☒ I certify compliance with this attribute.

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4**EXCESS OBLIGATIONS PROHIBITED**

Proposer understands that all obligations of Region 4 ESC under the contract are subject to the availability of state funds. If such funds are not appropriated or become unavailable, the contract may be terminated by Region 4 ESC.

☒ I certify compliance with this attribute.

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5**SUSPENSION AND DEBARMENT**

Respondent certifies that neither it nor its principals are debarred, suspended, proposed for debarment, declared ineligible, or otherwise excluded from participation in the contract by any state or federal agency.

☒ I certify compliance with this attribute.

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6**CHANGE IN LAW AND COMPLIANCE WITH LAWS**

Proposer shall comply with all laws, regulations, requirements and guidelines applicable to a vendor providing services and products required by the contract to the Region 4 ESC, as these laws, regulations, requirements and guidelines currently exist and as amended throughout the term of the contract. Region 4 ESC reserves the right, in its sole discretion, to unilaterally amend the contract prior to award and throughout the term of the contract to incorporate any modifications necessary for compliance with all applicable state and federal laws, regulations, requirements and guidelines.

☒ I certify compliance with this attribute.

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7**For the following categories, the Offeror shall provide the following information to include;****o HVAC Refrigeration**

- Type (e.g., Rotary, Centrifugal, Scroll, Reciprocating., Absorption)
- Cooling medium (e.g., air, water)
- Brand Name(s)
- Capacity Range (tons)
- Standard Warranty (Parts & Labor)
- Optional Warranty (components covered & Labor)
- Estimated Lead/Delivery Time
- Location of Manufacturing (City, State or Country)
- Range of Efficiencies (KW/Ton)
- Estimated Market Share (North America)
- Provide example data on each type of product provided
- Detail Features & Benefits

o Indoor Air Quality Products and Devices

- Type (Active polarization, non-ionizing, electronic air cleaning systems intended to replace passive filtration, any other.)
- Brand Name(s)
- Capacity Range
- Standard Warranty (Parts & Labor)
- Optional Warranty (components covered & Labor)
- Estimated Lead/Delivery Time
- Location of Manufacturing (City, State or Country)
- Range of Efficiencies
- Estimated Market Share (North America)
- Provide example data on each type of product provided
- Detail Features & Benefits

o Unitary

- Type (e.g., rooftops, split systems, VRFs, Heat Pumps, PTACs, water source, mini-splits)
- Brand Name(s)
- Capacity Range
- Heating Medium (Electric, Gas, Steam, Hot Water)
- Cooling Medium (DX, Chilled Water)
- Standard Warranty (Parts & Labor)
- Optional Warranty (components covered & Labor)
- Estimated Lead/Delivery Time
- Location of Manufacturing (City, State or Country)
- Range of Efficiencies (EER, SEER, COP)
- Estimated Market Share (North America)
- Provide example data on each type of product provided
- Detail Features & Benefits

o Air handling

- Type (e.g. central station-manufactured or custom makeup air, fan, filter, coil sections)
- Brand Name(s)
- Fan Types (e.g. Backward incline, Forward curve, airfoil)
- Capacity Range (CFM)
- Heating Medium (Electric, Gas, Steam, Hot Water)
- Cooling Medium (DX, Chilled Water)
- Standard Warranty (Parts & Labor)

- Optional Warranty (components covered & Labor)
- Estimated Lead/Delivery Time
- Location of Manufacturing (City, State or Country)
- Estimated Market Share (North America)
- Provide example data on each type of product provided
- Detail Features & Benefits
- o **Air Terminal Devices and Heating Products**
 - Type (e.g. VAV, Fan Coils, Unit Ventilators, Unit Heaters, Fin Tube Radiation/Convectors)
 - Brand Name(s)
 - Capacity Range (CFM)
 - Heating Medium (Electric, Gas, Steam, Hot Water)
 - Cooling Medium (DX, Chilled Water)
 - Standard Warranty (Parts & Labor)
 - Optional Warranty (components covered & Labor)
 - Estimated Lead/Delivery Time
 - Location of Manufacturing (City, State or Country)
 - Estimated Market Share (North America)
 - Provide example data on each type of product provided
 - Detail Features & Benefits
- o **DDC Controls**
 - Type (core components, end devices, lighting, panels) Brand Name(s)
 - System Protocol (BACnet, LonWorks, Proprietary or Combo)
 - LAN Communication Structure (Peer-to-peer, Polling)
 - Human Machine Interface (HMI) types (PC, Notebooks, Handheld terminals)
 - Third party interface (Drivers and Gateways)
 - Remote alarm and message capabilities
 - Standard Warranty (Parts & Labor)
 - Optional Warranty (components covered & Labor)
 - Estimated Lead/Delivery Time
 - Location of Manufacturing (City, State or Country)
 - Estimated Market Share (North America)
 - Detail Features & Benefits
- o **Cooling Towers**
 - Type (e.g., open, closed, evaporative, other)
 - Brand Name(s)
 - Capacity Range (tons)
 - Standard Warranty (Parts & Labor)
 - Optional Warranty (components covered & Labor)
 - Estimated Lead/Delivery Time
 - Location of Manufacturing (City, State or Country)
 - Range of Efficiencies
 - Estimated Market Share (North America)
 - Provide example data on each type of product provided
 - Detail Features & Benefits
- o **Pumps**
 - Type (e.g., single stage, split case, end suction, inline, circulator, turbines)
 - Brand Name(s)
 - Capacity Range (GPM)
 - Standard Warranty (Parts & Labor)
 - Optional Warranty (components covered & Labor)
 - Estimated Lead/Delivery Time
 - Location of Manufacturing (City, State or Country)
 - Range of Efficiencies
 - Estimated Market Share (North America)
 - Provide example data on each type of product provided
 - Detail Features & Benefits
- o **Invertors**
 - Brand Name(s)
 - Capacity Range (HP)
 - Standard Warranty (Parts & Labor)
 - Optional Warranty (components covered & Labor)

- Estimated Lead/Delivery Time
- Location of Manufacturing (City, State or Country)
- Estimated Market Share (North America)
- Provide example data on each type of product provided
- Detail Features & Benefits

o **Boilers & Water Heaters**

- Type (e.g., modulating, condensing, cast iron, water tube, packaged, other)
- Brand Name(s)
- Heating Medium (Electric, Gas, Steam, Hot Water)
- Capacity Range (MBH)
- Standard Warranty (Parts & Labor)
- Optional Warranty (components covered & Labor)
- Estimated Lead/Delivery Time
- Location of Manufacturing (City, State or Country)
- Range of Efficiencies
- Estimated Market Share (North America)
- Provide example data on each type of product provided
- Detail Features & Benefits

o **HVAC Specialty Products**

- Type (e.g., modular, outside/inside, S&T Heat Recovery, Humidity
- Control, Heat Wheel, Heat Pipe, Heat Exchangers)
- Brand Name(s)
- Heating Medium (Electric, Gas, Steam, Hot Water)
- Cooling Medium (DX, Chilled Water)
- Capacity Range (CFM and/or MBH)
- Standard Warranty (Parts & Labor)
- Optional Warranty (components covered & Labor)
- Estimated Lead/Delivery Time
- Location of Manufacturing (City, State or Country)
- Range of Efficiencies
- Estimated Market Share (North America)
- Provide example data on each type of product provided
- Detail Features & Benefits

· **Refrigeration Products**

- Display Cases
- Refrigeration Systems
- Glass Doors & Lids
- Walk-in Products
- Others

o **LED Lighting Products**

- LED Area Lights
- Flexible LED Strips
- Ceiling Lighting
- Bulbs, Fixture Products
- Others

o **Equipment Parts and Supplies**

- Type (e.g., manufactured parts, emergency parts service, miscellaneous material and supplies and other)
- Brand Name(s) stocked
- Location of stocking parts
- Standard Warranty (Parts & Labor)
- Optional Warranty (components covered & Labor)
- Estimated Lead/Delivery Time
- Percentage of locally stocked parts to delivered parts
- Detail Features & Benefits

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8

Offerors are requested to provide service forms with detailed description of your service offerings. Provide service forms with detailed descriptions; at a minimum, Offerors are to include the following information as it is applicable to their product,

service, and solutions offering:

o **Startup & Commissioning Services**

- Define process for validation of system or equipment operation to design
- Type (e.g., equipment startups, system checkouts, control verification, retro commissioning, M & V verifications, rebate auditing, other)
- List key personnel (factory, sub-contract, other)
- References (public sector only)
- Case studies describing benefits of services
- o **Service & Maintenance**
 - Type (e.g., preventative and full maintenance contracts, man-at attendance, remote monitoring, annuals, emergency services, regulatory compliance, cleaning (e.g., duct, coils and filters), scheduled maintenance (e.g., oil, chemical and vibration analysis) and other)
 - Define processes for each type of service and/or maintenance of the system or the equipment
 - List key personnel (factory, sub-contract, other)
 - References (public sector only)
 - Case studies describing benefits of services
- o **Installation and Turnkey Contracting**
 - Type (e.g., retrofit, new construction, energy retrofit, controls new- and upgrade and other)
 - Define processes for each type install of the system or the equipment
 - Bonding and licensing capabilities
 - List key personnel (factory, sub-contract, other)
 - References (public sector only)
 - Case studies describing benefits of services
- o **Warranty Services**
 - Type (e.g., Extended parts & labor (define maximum number of years available), delayed start-up and other)
 - Define processes for each type of warranty
 - List key personnel (factory, sub-contract, other)
 - References (public sector only)
 - Case studies describing benefits of services
- o **Energy Services**
 - Type (e.g., (Energy Tracking, Energy Analysis, Evaluation of potential upgrades, demand response, rebates and others)
 - Define processes for each type of energy services
 - Certifications of personnel
 - List key personnel (factory, sub-contract, other)
 - References (public sector only)
 - Case studies describing benefits of services
- o **Equipment Rentals**
 - Type (e.g., chillers, pumps, transformers, terminal units, generators, cooling towers, packaged unitary and other)
 - Brands available
 - Locations of rental fleet
 - Process of accessing rental fleet during disaster event
 - List key personnel (factory, sub-contract, other)
 - References (public sector only)
 - Case studies describing benefits of services
- o **Financial Services**
 - Type (e.g., leasing, prompt and pre-payment discounts, guaranteed savings and other)
 - Describe type of each funding and availability
 - Funding Sources (internal and/or external)
 - List key personnel (internal and/or external)
 - References (public sector only)
 - Case studies describing benefits of services
- o **Professional Services**
 - Describe type of each professional service and availability
 - Licensing and certification capabilities
 - List key personnel (internal and/or external)
 - References (public sector only)
 - Case studies describing benefits of services
- o **Site Surveys**
 - Type (e.g., Equipment, system analysis, operational, architectural and other)
 - Describe type of survey
 - Licensing and certification capabilities

- Advanced technology uses for each type of survey
- List key personnel (internal and/or external)
- References (public sector only)
- Case studies describing benefits of services



24-09

HVAC Solutions, Related Products and Services

Issue Date: 6/20/2024

Questions Deadline: 7/16/2024 02:00 PM (CT)

Response Deadline: 8/1/2024 02:00 PM (CT)

DAIKIN APPLIED AMERICAS INC

Products and Pricing Attachment

Page 2 – Daikin Applied Labor Rates
Page 7 – Daikin Applied HVAC Equipment Categories Product Discounts
Page 15 – Daikin Applied Product Line Card
Page 21 – Daikin Applied Rental Solutions
Page 28 – Daikin Applied Solutions Offering
Page 70 – Daikin Applied Protective Maintenance Plans
Page 73 – Daikin Applied Service Solutions Programs
Page 74 – Daikin Applied Energy Analyser Building Assessments
Page 78 – Daikin Applied Service Programs
Page 106 – Daikin Applied Contingency Planning
Page 108 – Daikin Applied Contingency Planning for Schools
Page 110 – Daikin Applied Safety Report
Page 111 – Daikin Applied Divisional Sales Territories
Page 112 – Daikin Applied Equipment Representatives
Page 244 – Daikin Applied Service Representatives
Page 277 – Daikin Applied Limited Product Warranty
Page 278 – Daikin Applied Case Study Ohio Based Public University
Page 280 – Daikin Applied Case Study New Jersey Public School District
Page 282 – Daikin Applied Case Study Overby Sheppard Elementary School

The background of the page is a photograph of modern glass skyscrapers. The image is split into two main sections: the left side shows a close-up, low-angle view of a building's glass facade, while the right side shows a wider view of several tall buildings against a clear blue sky. A semi-transparent blue rectangle is overlaid on the right side, containing the title and subtitle.

Product Line Card

Daikin Applied
HVAC System Solutions

*Advanced technology and solutions from
the world's leading HVAC innovator.*

Innovative HVAC technology

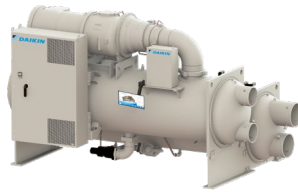
CHILLER SYSTEMS

| WATER COOLED



Magnitude® Magnetic Bearing
Centrifugal Chiller

86 to 1,600 tons



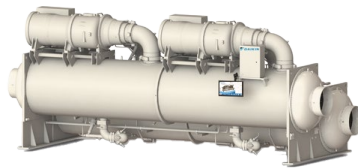
Centrifugal Chiller,
Single Compressor

300 to 1,350 tons



Centrifugal Chiller, Dual
Compressor – Single Circuit

600 to 2,500 tons



Centrifugal Chiller, Dual
Compressor – Dual Circuit

1,200 to 2,700 tons



Navigator™ Screw Chiller

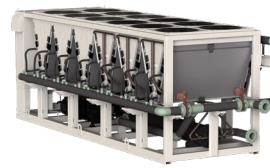
120 to 300 tons



Scroll Chiller

30 to 200 tons

| AIR COOLED



Pathfinder®
Screw Chiller w/Free Cooling

100 to 565 tons



Trailblazer®
Scroll Chiller

10 to 240 tons

| CONDENSING UNITS



Single Circuit
Scroll Condenser

6 to 20 tons



Dual Circuit
Scroll Condenser

15 to 140 tons

RENTAL CHILLERS



Air Cooled

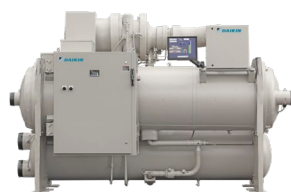
Pathfinder® & Trailblazer®

TEMPLIFIER® WATER HEATERS



Scroll

500 to 3,100 MBh



Centrifugal

3,000 to 18,000 MBh

PACKAGED ENGINEERED SYSTEMS



Modular Central Plant

Up to 10,000 tons Cooling &
100,000 MBh Heating



Packaged Mechanical System

Up to 10,000 tons Cooling &
100,000 MBh Heating

AIR HANDLERS – CUSTOM, SEMI-CUSTOM AND COMMERCIAL

COMMERCIAL



ECM
Fan Array

600 to 5,000 cfm



PreciseLine™ Lg. Capacity
Indoor Air Handler

600 to 5,000 cfm



Rebel® Commercial
Outdoor Air Handler

500 to 11,500 cfm

CUSTOM



Custom Air Handler

900 – 129,000 cfm

SEMI-CUSTOM



Vision® Semi-Custom
Indoor Air Handler

900 to 100,000 cfm



Skyline® Semi-Custom
Outdoor Air Handler

900 to 65,000 cfm



RoofPak® Semi-Custom
Rooftop Air Handler

4,000 to 50,000 cfm

SITELINE™ BUILDING CONTROLS



SiteLine™ for
Dedicated Equipment

SiteLine™ for
Pre-programmed BAS

SiteLine™ for
Wireless BAS

PACKAGED ROOFTOP SYSTEMS

LT. COMMERCIAL



Maverick® I
Cooling & Heat Pump

3 to 25 tons

COMMERCIAL



Rebel® Cooling and Heat
Pump w/Inv. Compressor

3 to 28 tons



Maverick® II
Heating & Cooling

26 to 75 tons

APPLIED



Rebel Applied™ Heating &
Cooling w/Inv. Compressor

20 to 52 tons



RoofPak® Heating & Cooling
w/Inv. Compressor

45 to 150 tons

PACKAGED VERTICAL SELF-CONTAINED SYSTEMS



Indoor Cooling & Heating Water-cooled Condenser – Unitary

20 to 130 tons



Indoor Cooling & Heating Water-cooled Condenser – Retrofit

20 to 40 tons

Solutions for new & existing installations

WATER SOURCE HEAT PUMPS



SmartSource® Dedicated
Outside Air System
600 to 4000 cfm



SmartSource® High
Efficiency Horiz. / Vert.
½ to 6 tons



SmartSource® Compact
Horizontal / Vertical
½ to 6 tons



Infinity®
Console In-Room
½ to 1½ tons



Infinity®
Horizontal / Vertical
½ to 6 tons / ¾ to 6 tons

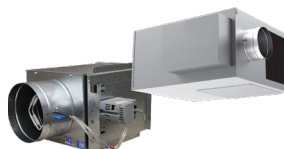
VAV BOXES



Large Capacity
Horizontal / Vertical
6 to 25 tons



Vertical
Stacked
¾ to 3 tons



Single Duct &
Series / Parallel PIUs
80 to 8000 cfm



Air
Purifier
500 & 1000 cfm

AIR PURIFIER

FAN COILS/BLOWER COILS



Horizontal
Economy
200 to 1,200 cfm



ThinLine
Vertical & Horizontal
200 to 1,200 cfm



Horizontal, Vertical, &
Cabinet Unit Heaters
200 to 12,350 cfm



Ceiling &
Floor Units
750 to 2,000 cfm



Self-Contained, Heat Pump
& WSHP Floor Units
24 to 54 MBh

UNIT VENTILATORS



Large
Capacity
600 to 3,000 cfm



PreciseLine™
Small Capacity Blower Coil
600 to 5,000 cfm



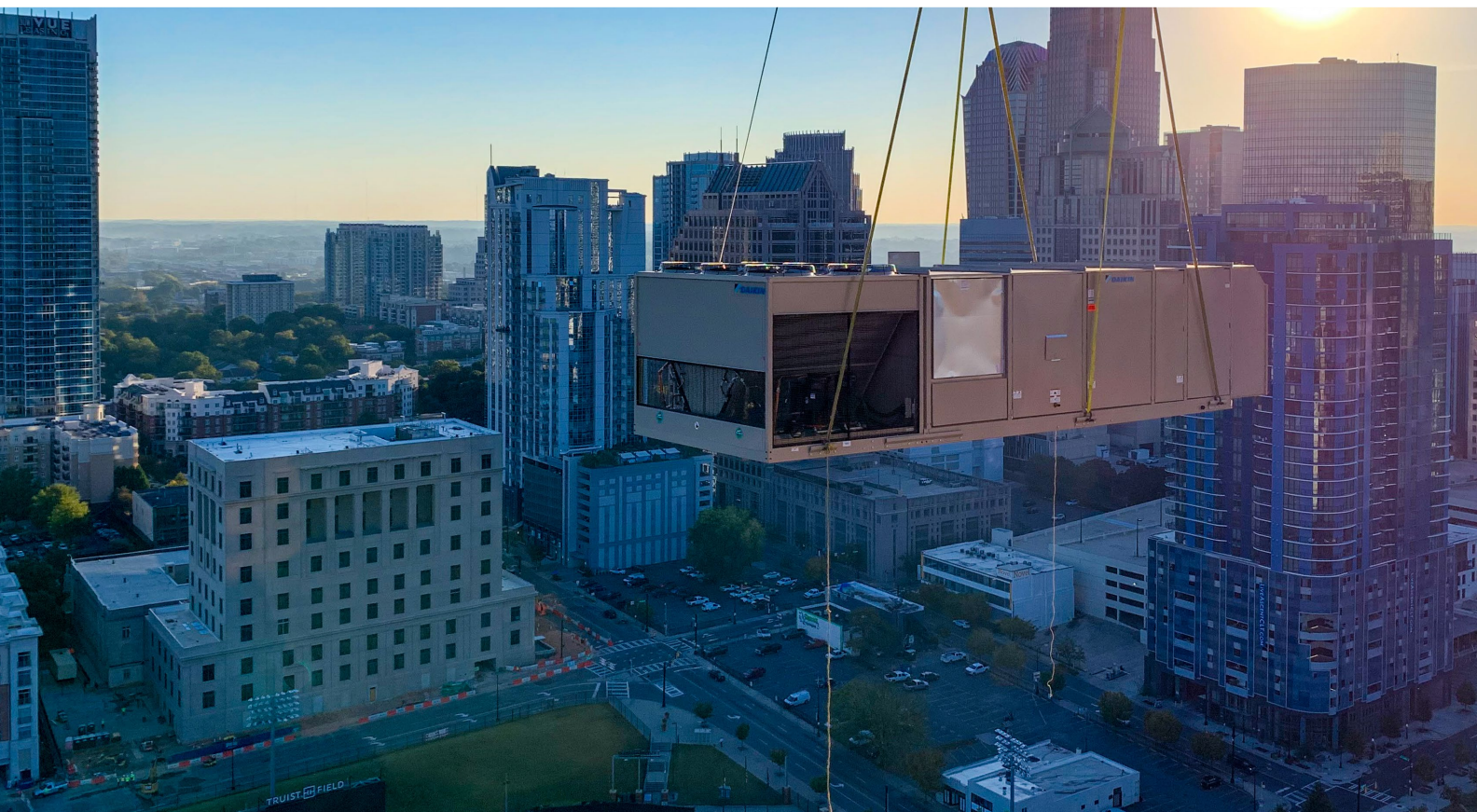
OptiLine™
Vertical Stacked
300 to 1,200 cfm

COILS



Chilled Water, Hot Water, Steam, & DX Coils
1 to 12 rows

We believe your air can be doing more.



Daikin Industries, Ltd. is a Forbes 1000 global company with 2022 revenues of over \$27 billion and more than 88,000 employees worldwide, making it the largest HVAC manufacturer in the world. Daikin Applied designs and manufactures advanced commercial and industrial HVAC systems for customers around the world. Our technology and services play a vital role in creating comfortable, efficient and sustainable spaces to work and live — and in delivering quality air to workers, tenants and building owners. Daikin Applied solutions are sold through a global network of dedicated sales, service and parts offices.

THE INDUSTRY LEADER IN ENVIRONMENTAL SOLUTIONS

We are strongly committed to protecting the health and safety of people while finding sustainable solutions to lead the industry. As an HVAC leader, we recognize the unique opportunity to make a difference in environmental initiatives while educating the next generation to further improve efficiencies and create a more sustainable world for all. Climate change is a pressing issue today and we challenge ourselves to solve it. Our investments in innovation, technology, and sustainability earned Frost & Sullivan's Manufacturing Leadership Award. Our products save energy, reduce environmental impact, and help facilities earn points toward LEED® certification with EPD verification.



Comprehensive HVAC solutions customized to the needs of your business.



COMMERCIAL HVAC SERVICES

Daikin Applied offers comprehensive building solutions including service and parts for all HVAC components, systems and brands. Our veteran building advisors and factory-trained technicians partner with our clients offering a suite of services that allow for customized solutions to specifically meet your needs. We offer start-up services, maintenance agreements, 24-hour emergency repair, HVAC replacement and upgrades, chiller rentals, building and energy analysis, asset management, and more.



PARTS

Our complete line of quality parts and supplies keep your systems operating reliably at peak efficiency with a centrally-located, award-winning national parts warehouse that gets the right parts to you, fast.

RENTAL SOLUTIONS

Daikin Applied rental equipment and temporary heating or cooling capabilities are at your service 24/7 throughout the United States and Canada. We offer complete support that includes everything you need – from rental chillers and dehumidifiers to heat and power.



For more information about our complete line of product offerings, contact your local Daikin Applied sales office or visit DaikinApplied.com to find an office near you.





DAIKIN RENTAL SOLUTIONS

Keeping You Up and Running

WEATHER THE UNEXPECTED

RELIABLE RENTAL SOLUTIONS WHEN YOU NEED THEM MOST.



CHILLERS & COOLING



AIR CONDITIONERS



HEATING & BOILERS



POWER



DEHUMIDIFIERS

LEARN MORE AT [DAIKINAPPLIED.COM](https://www.daikinapplied.com)



TEMPORARY HVAC SOLUTIONS CUSTOMIZED TO MEET THE NEEDS OF YOUR BUSINESS.

WEATHER THE UNEXPECTED

Whether you have long or short-term cooling needs, Daikin delivers reliable rental solutions, applications expertise, and responsive support. As a building owner, facilities engineer or manager, you are always planning for “what ifs.” Not to mention grappling with actual building emergencies. Daikin Applied rental equipment and temporary heating/cooling capabilities are at your service 24/7 throughout the United States and Canada. We offer complete support that includes everything you need – from chillers and dehumidifiers to heat and power.



EMERGENCY RENTALS

When your equipment fails, limiting downtime is mission critical. Daikin Applied provides quick delivery and installation of reliable rental products to help you weather the outage. We're here to help get you back up and running, and can provide a turnkey solution.

- > Industry-leading efficiency and proven technology
- > 24-hour turnaround on available inventory
- > 8-hour average set up with on-site experts
- > Comprehensive package, including pumps, flexible water piping connections, and electrical hookups

EQUIPMENT FOR PLANNED SITUATIONS

Forming a contingency plan in the event of an outage can help you quickly get operations back to normal, limit financial loss, and help you breathe easier when the unexpected happens. Selecting the right-sized equipment is just one part of the process. The best contingency plans start by assessing and understanding your financial risk, and then using this information to drive the rest of your plan. Our Rental Solutions experts can specify the supplemental cooling system required to support any situation you're experiencing.

- > System maintenance
- > Building expansion
- > Server room heat generation
- > Seasonal/staff heat load swings
- > Contingency plans



RENTALSOLUTIONS@DAIKINAPPLIED.COM

CHILLERS AND COOLING TOWERS FOR DOWNTIME OR SUPPLEMENTAL CAPACITY.

TEMPORARY CHILLER AND COOLING TOWER RENTALS

When faced with equipment failure or an unexpected outage during the cooling season, it's important to know where to turn to during a building emergency. That's why Daikin Applied Rental Solutions offers a range of air-cooled and water-cooled chiller units, applications expertise, and responsive support to meet your long or short-term cooling needs. For planned situations to mission-critical emergencies, we're here to help you weather the unexpected.



Air-cooled

- > 20 to 527 tons
- > Skid mounted (Up to 267 tons) and Trailer mounted (300+ tons)
- > Integral pumps
- > Single-point power connection



Water-cooled

- > Up to 1,000 tons
- > Containerized
- > Single-point power connection



Cooling Towers

- > Up to 1,000 tons
- > Open & closed loop tower
- > Skid & trailer mounted
- > Stainless steel basins

FOR MISSION CRITICAL OPERATIONS

When your equipment fails, downtime can be costly to your business, especially for mission critical operations. Whether you're looking to mitigate the heat generated by your server room, or secure patient health in your healthcare facility, we've got you covered. Our factory-trained rentals solutions teams provide quick delivery and installation to help get you back up and running.



REMOTE MONITORING FEATURES

Secure the ultimate peace of mind with remote access to your rental chiller. Daikin offers a range of rental chiller models available with remote monitoring capabilities, perfect for times when presence on site is inconvenient or impractical.



AIR CONDITIONERS AND SPOT COOLERS FOR TEMPORARY COOLING APPLICATIONS.

RENTAL AIR CONDITIONING SOLUTIONS

Whether you require a significant amount of cooling to circulate around a larger space or need cooler temperatures in a specified hot spot, Daikin offers a range of range of air- and water-cooled air conditioners, spot coolers and accessories that are easy to use and simple to maintain. Available for a variety of applications that require efficient cooling in a portable capacity, our portable cooling solutions are easily accessible with a fast, easy start-up and installation.



Air-cooled

- > 5 to 100 tons
- > Up to 240,000 Btu
- > Skid & trailer mounted



Water-cooled

- > 1 to 5 tons
- > Up to 60,000 Btu
- > Portable Units



Spot coolers

- > 1 to 7 tons
- > Up to 92,000 Btu
- > Automatic restart function



UNIT TESTING APPLICATIONS

Selecting a permanent cooling solution for your facility can be a complex process. Finding a unit that meets your unique project requirements is key to your project's success. Daikin Rental Solutions provides a range of temporary cooling tower rentals for cooling system testing applications – helping avoid costly long-term errors, ensuring efficient and reliable operation before a permanent solution is available.

ACCOMMODATE SEASONAL LOAD SWINGS

When outside ambient temperatures or staff changes result in high temperatures that exceed your expected load demands, Daikin Rental Solutions offers supplemental air conditioners, spot coolers, and outdoor portable cooling units. By eliminating purchasing additional equipment that might be only used part of the year, you save on capital expenditures.



SECURE HEALTHIER INDOOR AIR WITH RENTAL DEHUMIDIFICATION AND VENTILATION SOLUTIONS.

RENTAL VENTILATION AND DEHUMIDIFIERS

A sudden change in your facility's indoor air environment can pose more than just a risk to your occupant's health and comfort. It can also adversely effect product quality, posing financial risk to your business outcomes. Secure a healthy Indoor Environmental Quality (IEQ) with Daikin Rental Solutions. We offer a range of rental dehumidifiers and air scrubbers, designed to accommodate a diverse range of applications, from manufacturing environments to healthcare facilities.



Desiccant

- > 20 to 527 tons
- > Skid mounted (Up to 267 tons) and trailer mounted (300+ tons)
- > Integral pumps
- > Single-point power connection



Circulation Fans

- > 1,000 to 13,000 cfm
- > Safety certified
- > Space saving



LGR

- > Automatic humidistat control
- > Up to 400 cfm
- > Self-monitoring



Air Movers

- > 1,350 cfm
- > 3 operating speeds
- > Portable



Air Scrubbers

- > 500 to 2,000 cfm
- > Up to 3 machines in a circuit
- > HEPA filtration



Air Handlers

- > 5,500 to 20,000 cfm
- > Compact & industrial sized options

IEQ FOR MANUFACTURING FACILITIES

In today's manufacturing environment, quality control is essential to your product quality. So when your manufacturing space is met with an unexpected rise in humidity levels, it can leave your products and machinery vulnerable to potential mold, corrosion, or steam exposure. Partner with Daikin Rental Solutions for an industrial dehumidifier rental designed to maintain low humidity levels and achieve a steady indoor micro-climate.



MITIGATE WATER DAMAGES

Harsh weather conditions and unexpected flooding can often lead to water damages to your inventory and property such as wood rot, mold and bacteria growth, metal rust and corrosion, and possible damage to laminated materials and surfaces. Daikin offers rental desiccant and Low Grain Refrigeration (LGR) dehumidifiers designed to accommodate water damage restoration and for applications that require the driest conditions possible.



HEATING EQUIPMENT FOR SUPPLEMENTAL AND IAQ APPLICATIONS.

RENTAL HEATING AND BOILER SOLUTIONS

When faced with equipment failure or an unexpected outage during the heating season, it's important to know where to turn to during a building emergency. Daikin offers reliable supplemental heating solutions, applications expertise, and responsive support to help maintain a comfortable and healthy indoor air environment. From indirect and direct heaters, to concealed flame and portable commercial heaters, our temporary heating capabilities are at your service 24/7.



Direct Fired

- > 500,000 to 3 million Btu
- > Thermostat control
- > Up to 7,700 cfm



Concealed Flame

- > 45,000 to 4.5 million Btu
- > Clean air for IAQ and occupied spaces
- > Supplemental reheat for existing building systems



Indirect Fired

- > 100% clean air
- > 500,000 to 2 million Btu
- > Backward inclined blowers for large cfm output & static pressure



Portable Electric

- > 9kW to 150kW
- > Ideal when natural gas & propane is unavailable
- > IAQ ready for occupied spaces
- > Effective for small spaces



Steam/Hot Water

- > Use existing steam or hot water loop
- > Help minimize project fuel cost



ELECTRIC HEATING SOLUTIONS

Optimal for smaller, temperature-sensitive environments, Daikin offers temporary electric heating equipment as a flexible, portable, and effective supplemental heating solution. Commercial portable heating solutions are ideal for temperature-sensitive environments, such as a laboratory or electronics room, and serve as an effective, IAQ-ready solution to maintain consistent temperatures and humidity levels.

HEATING FOR TIGHT BUDGET PROJECTS

When project budget margins are tight, Daikin offers a range of steam and hot water heaters that are lightweight and easy to install. This equipment serves as an effective, temporary solution to help minimize project fuel costs by using an existing steam or hot water loop to help heat your project and supply clean dry air.



RESTORE AND MAINTAIN POWER WITH PORTABLE POWER SOLUTIONS AND ACCESSORIES.

RENTAL POWER SOLUTIONS AND ACCESSORIES

A loss of facility power can be more than just a minor inconvenience. For many facilities, it can put occupant safety at risk and can put an entire halt to business operations. Daikin's rental power solutions and accessories are designed to help you avoid costly electrical grid brownouts and blackouts. We offer a full line of professionally maintained, leading-edge power equipment and accessories to help you restore power where and when you need it most.



Portable Generators

- > 20kW to 1mW
- > Diesel fuel
- > Trailer mounted



Transformers

- > NEMA 3R weatherproof
- > 15kW to 400kW
- > Step up/down capable



Load Banks

- > 1,000kW to 5,000kW
- > Portable
- > Weatherproof



Power Distribution

- > Spider boxes
- > Transfer switches
- > 200 to 1,200 amp I-Line Panels



Fuel Tanks

- > 500 to 2,000 gallons
- > Stationary and transportable
- > Double-walled



Accessories

- > Cables

VALIDATE ELECTRICAL SYSTEM INTEGRITY

When you're faced with an equipment failure, downtime can leave a costly impact on your business, especially when it comes to mission critical operations. Daikin offers a range of portable and fixed-place load bank rentals for large utility testing applications. Our rental units are easy-to-use and serve as effective solution when verifying electrical system integrity in data centers, health care facilities, backup generator systems and more.



GENERATOR UNITS FOR ANY APPLICATION

Whether you're facing an emergency outage, supplemental power requirements, or planned maintenance, finding a temporary power solution that fits your exact application demands can be difficult. Daikin provides a wide range of portable generator rentals to accommodate even the most demanding job sites. With models ranging up to 1 megawatt capacity and units durable enough to withstand extreme conditions, we provide power solutions to meet your specific needs and budget.



FOR MORE INFORMATION ABOUT OUR COMPLETE LINE OF RENTAL PRODUCTS, EMAIL RENTALSOLUTIONS@DAIKINAPPLIED.COM OR VISIT DAIKINAPPLIED.COM TO FIND AN OFFICE NEAR YOU.



SOLUTIONS OFFERING

Daikin Applied HVAC Systems



Perfecting The Air We Share 

LEARN MORE AT [DAIKINAPPLIED.COM](https://www.daikinapplied.com)

THE WORLD'S LEADING INNOVATOR IN HVAC

LEADING THE WAY FOR OVER 95 YEARS



WHO WE ARE

Daikin Industries, Ltd. is a Forbes 1000 global company with revenues of \$27 billion and more than 88,000 employees worldwide, making it the world's number one air-conditioning company. Daikin is engaged primarily in the development, manufacture, sales and aftermarket support of heating, ventilation, air conditioning and refrigeration (HVACR) equipment, refrigerants and other chemicals, as well as oil hydraulic products.

THE INDUSTRY LEADER IN ENVIRONMENTAL SOLUTIONS

We are strongly committed to protecting the health and safety of people while finding sustainable solutions to lead the industry. As an HVAC leader, we recognize the unique opportunity to make a difference in environmental initiatives while educating the next generation to further improve efficiencies and create a more sustainable world for all. Our investments in innovation, technology, and sustainability earned Frost & Sullivan's Manufacturing Leadership Award. Our products save energy, reduce environmental impact, and help facilities earn points toward LEED® certification with Environmental Product Declaration (EPD®) verification.

As our HVAC technologies advance global standards for sustainability, It is equally important to ensure our processes do too. Our organization is home to a total of eight ISO 14001 certified sites, demonstrating the use of strong and verifiable environmental management systems (EMS) and further supporting our already strong commitment to environmental stewardship.





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> DAIKINAPPLIED.COM

Daikin Applied's official website serves as a library of resources, including our product information, catalogs, manuals, brochures and more.



Product
Catalogs



IM/OM
Manuals



Brochures



Case
Studies



Controls
Integration



Revit
Files



Photo
Library



Video
Library



Design
Software Tools



Archived
Resources



Application
Software

OUR SERVICES & OFFERINGS

DAIKIN SERVICE SOLUTIONS: WE MAKE BUILDINGS BETTER

Make no mistake about it, your building can be your second-best employee. It's an essential investment to grow your company for the future, so it's critical to help it perform to your employees' and your customers' standards. Daikin Service can help you build convenience by keeping current systems up and running; build confidence by implementing upgrades to existing systems; and build excellence to make your system and facilities best-in-class. daikinapplied.com/services



Maximize the Life
of Your System



Upgrade and
Modernize



Achieve Best-in-Class
Facilities



**DELIVERING BUILDING CONVENIENCE,
CONFIDENCE AND EXCELLENCE**

REPLACEMENT PARTS: YOU DON'T HAVE TIME FOR DOWNTIME

When you need OEM or generic parts to repair your HVAC system, you need them quickly. Daikin Service has an expansive inventory and a centralized distribution center in Dayton, Ohio, to get the right parts to you faster than ever before. To mitigate downtime, we have 80 locations (and counting) across North America. daikinapplied.com/parts



RENTAL SERVICES: WEATHER THE UNEXPECTED

Planning for “what ifs” can be a real game changer for building owners, facility engineers and facility managers, not to mention grappling with actual heating and cooling emergencies. Contingency planning can solve both long- and short-term needs.

Daikin Service delivers chillers, dehumidifiers, heat and power solutions, as well as applications expertise and responsive support. Our rental chillers and temporary cooling capabilities are at your service 24/7 throughout the United States and Canada.

We offer a complete package with your rental chiller, including pumps, flexible water piping connections, and electrical hookups. daikinapplied.com/rentals



SOLUTIONS PLAZA: EXPERIENCE INTERACTIVE INNOVATION

Occupying the 21st floor of the Exchange Place Centre in New Jersey, our Solutions Plaza allows visitors to explore Daikin's new technologies firsthand with our high-tech showroom containing our newest HVAC products. Solutions Plaza gives engineers, owners, contractors, architects and customers the knowledge they need to have confidence in their buying decisions. With customized customer visits, remote witness tests, continuing education seminars, industry meetings and much more, Solutions Plaza is the perfect way to make an impact.

daikinapplied.com/industry-solutions/solutions-plaza



APPLIED DEVELOPMENT CENTER: TESTING FACILITY FOR GLOBAL APPLIED R&D

The Daikin Applied Development Center is the world's most advanced facility for HVAC research and development. The location serves as a center of innovation to develop and test advanced chiller, compressor and other HVAC technologies that will reduce energy consumption and ultimately lower the carbon footprint of buildings.



DAIKIN LEARNING: LEARN FROM THE INDUSTRY PROFESSIONALS

Daikin Learning drives business value by providing excellence in learning to our external and internal customers. Daikin Learning is transforming learning into modern, technology-enabled and scalable experiences driving business value and creating excellence in HVAC training.

Our goal is to provide the product-specific education necessary to establish a high level of proficiency in operating and servicing Daikin products. daikinapplied.com/training



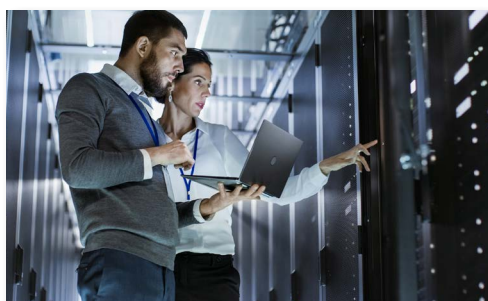
CREATING EXCELLENCE IN HVAC TRAINING



DAIKIN APPLIED NATIONAL ACCOUNTS:

As a Daikin Applied National Account, you get the services of an HVAC expert who understands your systems, business and priorities. Your Daikin Applied representative will make your life easier by finding the perfect solutions to your HVAC challenges, saving you both time and money. You will also have the support of an extended team — a team you can leverage to gain insights, quickly resolve issues and maximize performance—from a single building to an entire enterprise.

We provide specialized expertise in market segments such as healthcare, K-12 and higher education, retail/grocery, data centers, logistics, manufacturing, hospitality, office, and local, state and federal government.



COOPERATIVE PURCHASING: POWER IN PARTNERSHIP

Cooperative purchasing networks ensure full compliance to their respective sector by ensuring jobs are competitively bid on a regular basis. Vendors must meet all national mandates and provide competitive quotes. Purchasing organizations enjoy increased purchasing power and a simpler buying process. Participants have access to Daikin Applied's full scope of advanced technology solutions, including commercial HVAC systems, comprehensive HVAC services and turnkey solutions.



DAIKIN APPLIED BUILDING SERVICES

As a Daikin Applied National Account, you have priority access to our Building Services portfolio of offerings, which includes:

- > Preventive Maintenance Agreements and Plans
- > Building Optimization
- > Energy Savings Evaluations
- > Equipment Replacement Analysis
- > Indoor Air Quality (IAQ) Analysis
- > On-Site Training
- > Systems Evaluation
- > Rental Solutions
- > Turnkey Equipment Replacement



SELF-CONTAINED

ADVANCED TECHNOLOGIES. UNPARALLELED PERFORMANCE

Self-contained systems provide a unique solution to meet project demands. These units can be built and shipped as a complete system, or alternatively, they can be built and shipped in module sections to easily fit into freight elevators and through narrow hallways/doors.



APPLICATIONS

- ▶ HEALTHCARE
- ▶ OFFICE BUILDINGS
- ▶ SCHOOLS
- ▶ MANUFACTURING
- ▶ HOSPITALITY

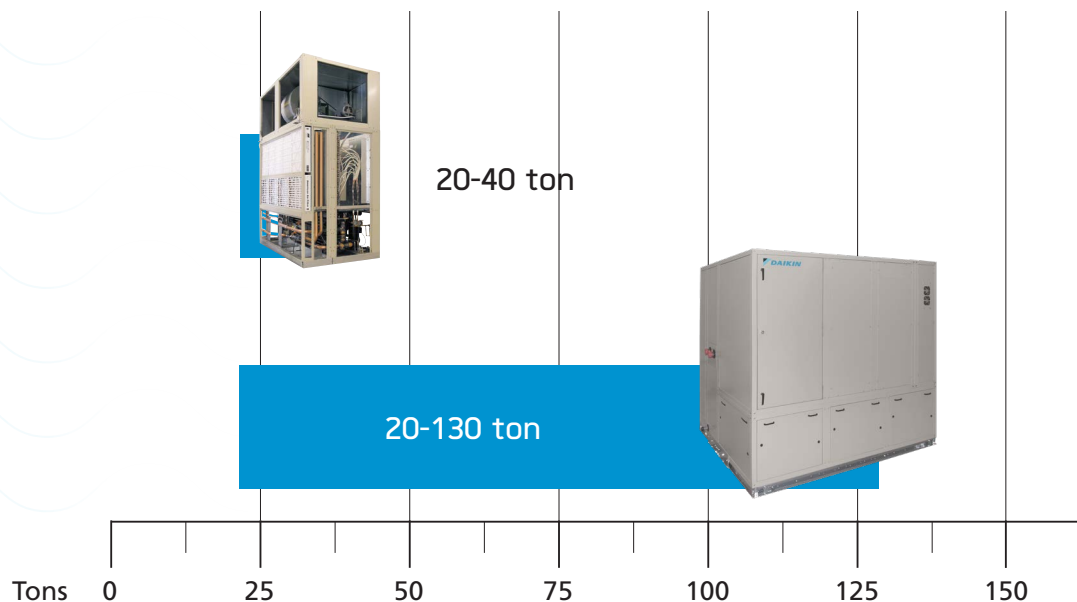
NAME/MODEL:

SELF-CONTAINED

SWT
Demanding Retrofit

SELF-CONTAINED

SWP
New Construction/Retrofit



MODEL SWT

DEMANDING RETROFIT SELF-CONTAINED

The modular self-contained SWT system offering is easily disassembled and assembled into three compact sections; (1) main cooling and heating, (2) filter and waterside economizer, and (3) plenum fan assembly to meet application and performance needs for demanding retrofit applications.



PERFORMANCE

- 240-576 Mbh
- 20-40 tons
- 018-040 sizes
- 4,500-16,000 cfm
- R-407C

FEATURES

- > Modular, 34-inch maximum sections
- > MERV 8, 11, 13 or 14 filtration
- > Variable and constant air volume configurations
- > Free cooling economizer

PERFORMANCE

- 240-1701 Mbh
- 20-130 tons
- 023-130 sizes
- 3,440-42,780 cfm
- R-410A

FEATURES

- > Quiet SWSI airfoil plenum fan
- > Factory-installed variable frequency drives
- > Controls flexibility for easy BAS integration
- > MERV 8, 11, 13 or 14 filtration

MODEL SWP

NEW CONSTRUCTION/RETROFIT SELF-CONTAINED

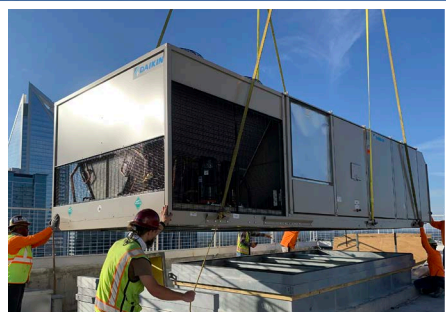
For new construction or easy retrofit projects, self-contained SWP systems offer design flexibility, durable construction, quiet operation, low installation costs and improved operating efficiencies. These systems are ideal for applications where energy efficiency, reliability, better indoor air quality and acoustics are top priorities.



ROOFTOPS

ADVANCED TECHNOLOGIES. UNPARALLELED PERFORMANCE

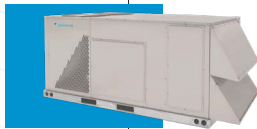
Daikin Applied rooftop systems offer flexible ways to provide treated air for one to eight-story buildings. Our 3-25 ton light commercial, 3-75 ton commercial and 45-140 ton applied rooftop systems offer scalable solutions for engineers, contractors and building owners across North America.



NAME/MODEL:

MAVERICK® I

MPS
Light Commercial



3-25 ton

REBEL®

DPS
Commercial



3-28 ton

REBEL APPLIED™

DPSA
Packaged



20-52 ton

MAVERICK® II

MPS
Commercial



26-75 ton

ROOFPAC®

RPS
Applied

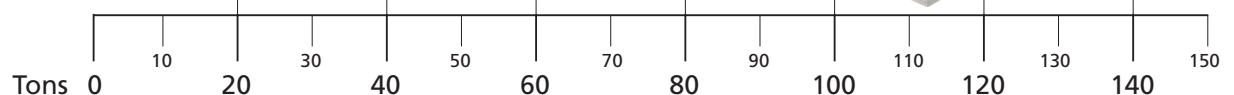


45-150 ton



APPLICATIONS

- ▶ HEALTHCARE
- ▶ OFFICE BUILDINGS
- ▶ SCHOOLS
- ▶ MANUFACTURING
- ▶ HOSPITALITY



MODEL MPS

COOLING & HEAT PUMP MAVERICK® I

Maverick I rooftops are dependable and cost-effective due to efficient scroll compressors, integrated blower control, and easy-to-access mechanical components that reduce service costs.



PERFORMANCE

-  Cooling and heat pump
-  3-25 tons
-  1,000-10,000 cfm
-  R-410A
-  15 IEER

FEATURES

- > Modular, 34.5 maximum sections
- > MERV 7, 8, 11, 13 or 14 filtration
- > Variable and constant air volume configurations
- > Free cooling economizer

PERFORMANCE

-  Cooling and heat pump
-  3-28 tons
-  Up to 10,500 cfm
-  R-410A
-  20.6 IEER

FEATURES

- > Variable speed Daikin inverter compressor
- > 100% dedicated outdoor air system (DOAS)
- > Direct-drive, variable speed ECM or VFD fan motors
- > Variable speed heat pump

MODEL DPS

COOLING & HEAT PUMP REBEL®

Rebel provides building owners with energy savings up to 43% above ASHRAE's 90.1 2016 standard, enabling complete system payback in under two years.



PERFORMANCE

- Heating and cooling
- 20-52 tons
- 5,000-21,000 cfm
- R-410A
- Up to 20.0 IEER

FEATURES

- R-13, double-wall foam, integral thermal break
- Low casing up to 5" of static pressure
- 37% shorter, 30% lighter than legacy rooftops
- Modular construction simplifies retrofits

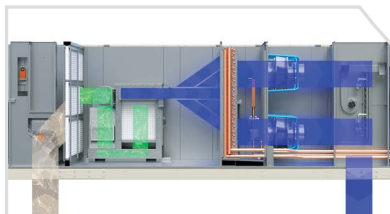
MODELS DP5A/DF5A

HEATING & COOLING REBEL APPLIED™

Rebel Applied is an all-encompassing packaged rooftop solution that rises above its class with industry-leading high-performance design, maximum energy efficiency, lowest lifecycle cost and unlimited configurability.



Inverter Scroll Compressors



Sorbent Ventilation Technology



Unmatched Retrofit Capabilities



MODEL MPS

HEATING & COOLING MAVERICK® II

Maverick II rooftops arrive as a complete packaged solution, maximizing design and installed cost savings with a wide-range of factory-installed options.



PERFORMANCE

- ☀️ Heating and cooling
- ❄️ 26-75 tons
- 🌀 6,000-28,000 cfm
- 🧴 R-410A
- 🕒 10.0+ IEER

FEATURES

- > Variable or constant air volume operation
- > Energy recovery reduces energy costs
- > Double-wall construction with access doors
- > Gas heat with staged or modulating control

PERFORMANCE

- ☀️ Heating and cooling
- ❄️ 45-150 tons
- 🌀 5,000-50,000 cfm
- 🧴 R-410A
- 📏 Seismic certified

FEATURES

- > Modular construction, walk-in access
- > Energy recovery reduces energy costs
- > Factory-integrated options & flexibility
- > Easy BAS integration

MODELS RPS/RFS/RDT/RCS

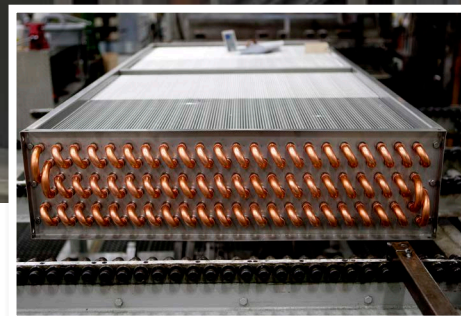
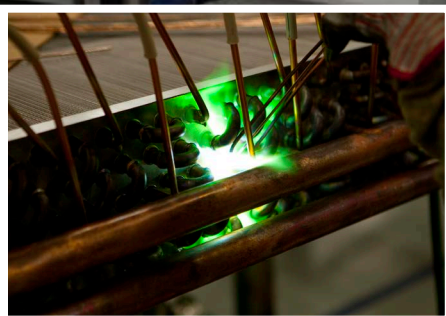
HEATING & COOLING ROOFPAK®

RoofPak combines the lower installation costs and interior space savings of a roof-mounted system with the operating and maintenance efficiencies of central heating and cooling systems.



COILS

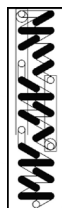
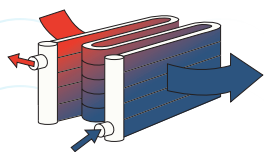
Daikin coils offer the widest variety of materials, physical sizes, fin spacings, row depths and circuiting. Hi-F (high-efficiency) fins maximize heat transfer with fewer fins to lower your initial cost. E-F (energy-efficient) fins save energy by reducing air pressure drop as much as 33%, while also lowering fan brake horsepower requirements.



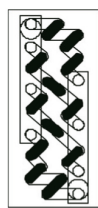
NAME/MODEL:

CHILLED WATER

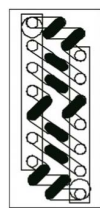
5WQ/5MH/5MS/5WH/5WS/
5WM/5WD



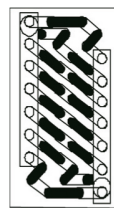
5WQ



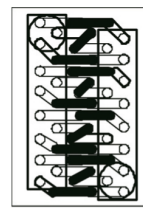
5WH



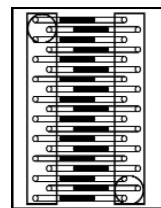
5WL



5WS



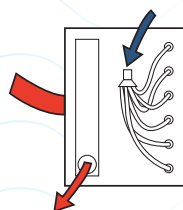
5WM



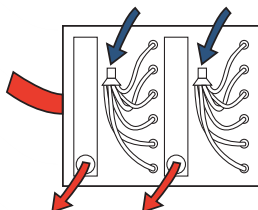
5WD

EVAPORATOR

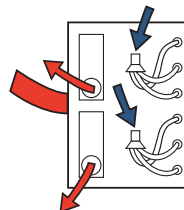
5EN/5EF/5ER/5EJ/5EK



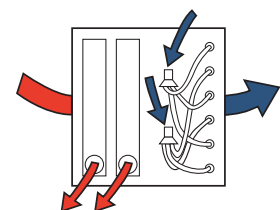
5EN



5ER



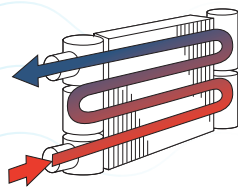
5EF



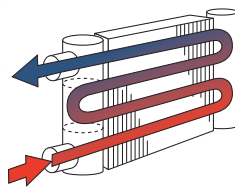
5EJ/5EK

HOT WATER

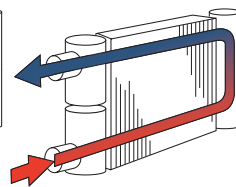
5MQ/5MH/5MS/5WB/5WQ/5WH/
5WL/5WS/5WM/5WD



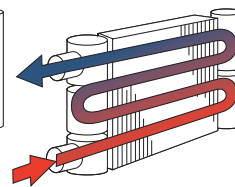
5WQ



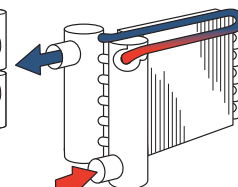
5WH



5WH



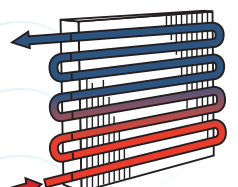
5WS



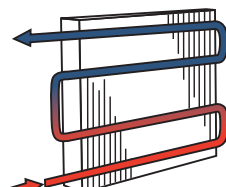
5MQ/5MH/5MS

BOOSTER

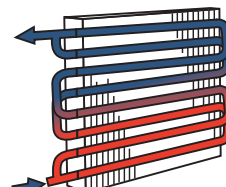
5BB/5BS/5BD



5BS



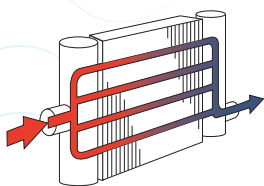
5BB



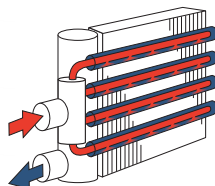
5BD

STEAM

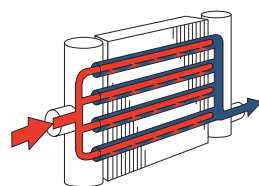
5SA/5HA/5JA/5GA/
8JA/8GA/8RA/8TA



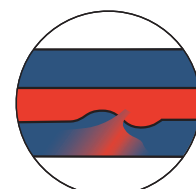
5SA/5HA



5JA/5GA/8JA/8GA



8RA/8TA

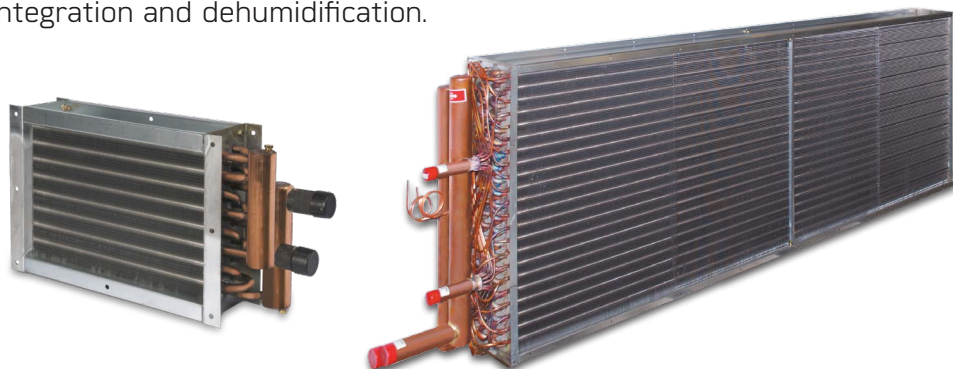


Directional orifice

FINS HI-F5/E-F5

WATER **COOLING/** **EVAPORATIVE**

Cooling coils are designed for use with chilled or well water in comfort cooling, process, dehumidifying and special applications. Evaporative coils deliver the maximum heat transfer under all operating conditions and are excellent for comfort cooling, process integration and dehumidification.



PERFORMANCE

- ❗ 300°F maximum
- 👥 2-12 rows
- 💡 Up to 200 psig
- 🌀 5/8" copper tubing
- 📄 Up to 14 fins per inch

FEATURES

- > AHRI Standard 410 certified
- > Staggered design for increased cooling
- > Factory leak tested at 315 psig
- > Vents and drains on all water coils

PERFORMANCE

- ❗ 400°F maximum
- 👥 1-12 rows
- 💡 Up to 250 psig
- 🌀 5/8" and 1" copper tubing
- 📄 Up to 14 fins per inch

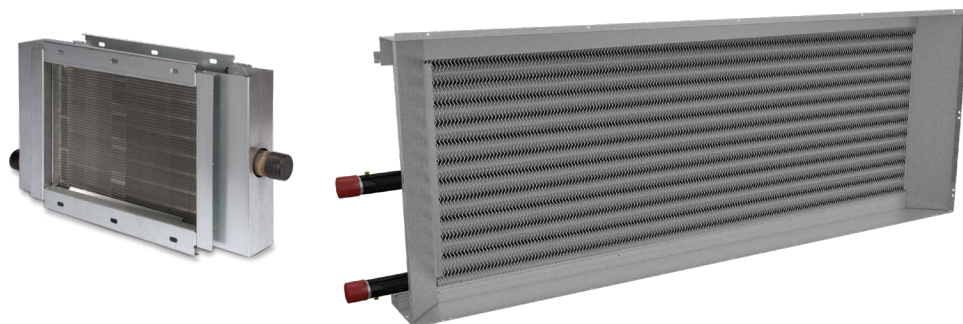
FEATURES

- > AHRI Standard 410 certified
- > Staggered design for increased heating
- > Factory leak tested at 315 psig
- > Vents and drains on all water coils

FINS HI-F5/HI-F8/E-F5

WATER **HEATING/** **BOOSTER/STEAM**

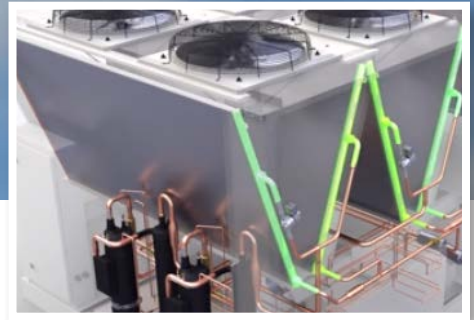
Heating coils produce high capacities with limited water quantities, while booster coils are designed for use in reheat applications in constrained spaces. Our interchangeable steam coils with optimal fin design serve both general and special-purpose applications with high-performing heat transfer capabilities.



CONDENSING UNITS

SOLUTIONS TO MATCH YOUR PRIORITY

Daikin Applied offers a wide range of air-cooled, split system condensing units with abundant options to meet efficiency, performance or serviceability requirements. Our condensing units meet ASHRAE 90.1 efficiencies, run quietly and provide low-ambient operation range down to 0°F.



APPLICATIONS

- ▶ HEALTHCARE
- ▶ OFFICE BUILDINGS
- ▶ SCHOOLS
- ▶ MANUFACTURING
- ▶ RETAIL

NAME/MODEL:

COMMERCIAL SPLIT SYSTEM

RCS
R-410A Air-cooled



6-20 ton

APPLIED SPLIT SYSTEM

RCS
R-22/R-407C Air-cooled



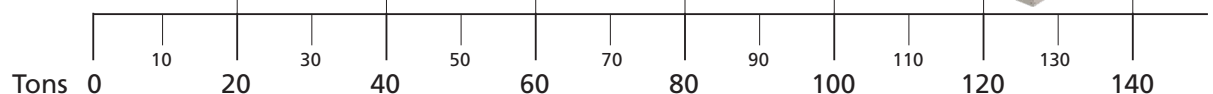
25-135 ton

APPLIED SPLIT SYSTEM

RCS
R-410A Air-cooled



15-140 ton



MODEL RCS

R-410A COMMERCIAL SPLIT SYSTEM

Commercial split systems are dependable and cost-effective due to efficient scroll compressors and easy-to-access mechanical components that reduce service costs.



PERFORMANCE

- ❗ Operates down to 0°F
- ❄️ 6-20 tons
- ⚙️ 2-stages (10+ tons)
- 🌀 1 refig. circuit
- 🔋 Meets min. efficiencies

FEATURES

- > Salt spray resistant exterior
- > Small footprint
- > Pairs with PreciseLine air handlers
- > Low cost, economical commercial solution

PERFORMANCE

- ❗ Operates down to 0°F
- ❄️ 15-140 tons
- ⚙️ Head pressure control
- 🌀 2 refig. circuits
- 🔋 Up to 15.4 EER

FEATURES

- > Micro-channel coils - (R-410A units)
- > Redundant dual refrigerant circuits
- > Quiet, vertical condenser fans
- > Multiple stages of capacity control

MODEL RCS

R-410A & R-22/R-407C APPLIED SPLIT SYSTEM

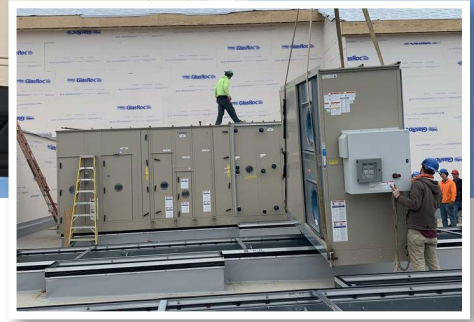
Designed for quiet and energy efficient operation that meets ASHRAE 90.1 efficiency requirements, RCS split systems can be combined with Daikin air handlers and coils to match exact job application requirements.



AIR HANDLERS

COMPLETE, ULTIMATE FLEXIBILITY

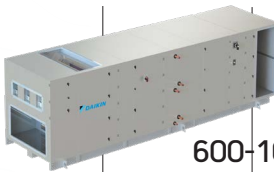
Daikin Applied indoor and outdoor air handlers are used to condition and circulate large volumes of air throughout a space via ductwork and are part of a system using either a chiller with cooled water or a condensing unit in a direct expansion (DX) system.



NAME/MODEL:

PRECISELINE®

BCH/BCA/BCV
Indoor



600-10,000 cfm

REBEL®

DAH
Outdoor Chilled Water



500-11,500 cfm

ROOFAK®

RAH/RDS
Outdoor



4,000-50,000 cfm

SKYLINE®

OAC/OAH
Outdoor

900-51,000 cfm



VISION®

CAC/CAH
Indoor

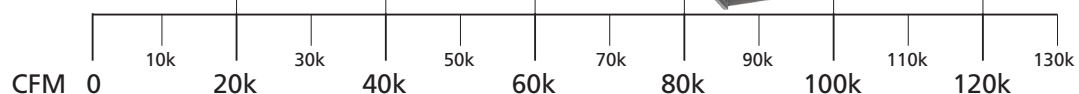
900-84,500 cfm



Custom

CAC/CAH/OAC/OAH
Indoor/Outdoor

900-84,500 cfm



APPLICATIONS

- ▶ HEALTHCARE
- ▶ OFFICE BUILDINGS
- ▶ SCHOOLS
- ▶ MUSEUMS
- ▶ GOVERNMENT

MODELS BCV/BCA/BCH

INDOOR PRECISELINE®

PreciseLine's compact vertical and horizontal configurations give system designers and contractors unmatched design capability when faced with tight space restrictions.



PERFORMANCE

- R-6.5
- 006-050 sizes
- 600-10,000 cfm
- .5-133 kW elect. heat
- MERV 8 or 13 filtration

FEATURES

- > DOAS/VRV integration
- > Factory-installed valve and piping packages
- > Double wall, 1" foam thermal panels
- > Economizer mixing box option

PERFORMANCE

- R-13
- 003-021 sizes
- 500-11,500 cfm
- 6-140 kW elect. heat
- 30% more efficiency

FEATURES

- > Variable speed ECM or direct-drive fans
- > Optional factory-installed valves
- > Quiet, double-wall foam cabinet
- > 2" and 4" slide-out filter racks

MODEL DAH

OUTDOOR CHILLED WATER REBEL®

When combined with Daikin Applied air-cooled chillers, Rebel offers engineers and building owners a chilled water solution featuring technologies that provide for a complete single-sourced system..



PERFORMANCE

- R-6.5
- 006-050 sizes
- 4,000-50,000 cfm
- Blow/draw-through coils
- MERV 8 and 13 filtration

FEATURES

- > Modular construction, walk-in access
- > 100% DOAS, VAV or CAV operation
- > Independent IBC seismic certification
- > Easy BAS integration

MODEL RAH/RDS

OUTDOOR ROOFPAK®

RoofPak is a preferred HVAC solution for building projects that want to capitalize on decades of innovation, design flexibility and durable construction expertise that yields low capital and operating costs.



MODELS OAC/OAH

OUTDOOR SKYLINE®

Skyline's modular platform construction featuring 2-inch incremental dimensioning gives engineers unlimited design capabilities to incorporate valuable features and options to specifically match application requirements.



PERFORMANCE

- R-13
- 003-090 sizes
- 900-51,000 cfm
- Blow/draw-through coils
- MERV 8-17 filtration

FEATURES

- > Sorbent Ventilation Technology (SVT)
- > Space-saving ECM fan array
- > Modular design flexibility
- > Fixed plate or energy recovery wheel

MODELS CAC/CAH

INDOOR VISION®

Vision meets demands for improved indoor air quality, low sound, high operating efficiency and smaller mechanical rooms with patented construction that provides unequaled thermal efficiencies and low leakage rates.



PERFORMANCE

- R-13
- 003-169 sizes
- 900-84,500 cfm
- Blow/draw-through coils
- MERV 8-17 filtration

FEATURES

- > Sorbent Ventilation Technology (SVT)
- > Space-saving ECM fan array
- > Modular design flexibility
- > Fixed plate or energy recovery wheel

PERFORMANCE

- R-13
- 003-169 sizes
- 900-84,500 cfm
- Blow/draw-through coils
- +/-8" static pressure

FEATURES

- > Sorbent Ventilation Technology (SVT)
- > Space-saving ECM fan array
- > Factory options for customized flexibility
- > HEPA, PCO, gas phase & low pressure filtration

MODELS CAC/CAH/OAC/OAH

INDOOR/OUTDOOR CUSTOM

With the ability to attain a maximum of Class 6 leakage, Daikin custom air handlers provide the ultimate in design flexibility and turn-key solutions for increased filtration in healthcare facilities, clean rooms or labs.



WATER-COOLED CHILLERS

ENERGY SAVINGS BUILDING OWNERS DEMAND

Chillers make cold water or water/glycol fluid mixture to cool buildings or processes. A water-cooled chiller rejects the absorbed heat to an additional fluid loop that can then reject the heat through a secondary device such as a cooling tower or dry cooler.



NAME/MODEL:

WATER-COOLED

WGZ
Scroll compressor



30-200 tons

NAVIGATOR®

WWV
Screw compressor



120-300 tons

TEMPLIFIER®

TGZ/TSC
Heat recovery water heaters

15-1,200 tons



MAGNITUDE®

WMC./WME
Magnetic bearing compressor

86-1,600 tons



CENTRIFUGAL

WSC
Single compressor

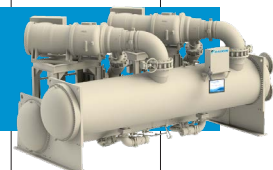
300-1,350 tons



CENTRIFUGAL

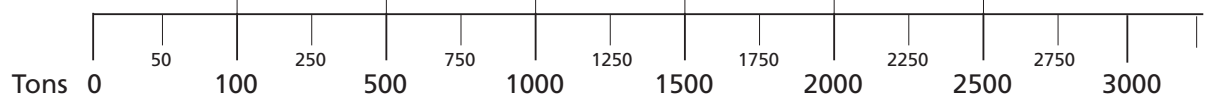
WDC/WCC
Dual compressor

600-2,700 tons



APPLICATIONS

- ▶ HEALTHCARE
- ▶ OFFICE BUILDINGS
- ▶ SCHOOLS
- ▶ MANUFACTURING
- ▶ DATA CENTERS



MODEL WGZ

SCROLL COMPRESSOR WATER-COOLED

Shipped complete, these units are among the quietest and most reliable chillers available today. Their efficient and quiet operation is ideal for sound-sensitive, water-cooled, remote air-cooled or evaporative condenser applications.



PERFORMANCE

-  R-410A
-  30-200 tons
-  72 dBA
-  56-352 gpm
-  Up to 21.3 IPLV

FEATURES

- > Vibration isolators for quiet operation
- > Controls flexibility with easy BAS integration
- > Fits through standard door openings
- > Advanced DDC controls

PERFORMANCE

-  R-134a
-  120-300 tons
-  422-1,055 kW
-  0.36 kW/ton IPLV
-  35 second restart

FEATURES

- > RapidRestore® and Fast Loading
- > Variable volume ratio (VVR) technology
- > Integrated variable frequency drive (VFD)
- > Easily integrates into BAS of choice

MODEL WWV

SCREW COMPRESSOR NAVIGATOR®

Navigator integrates variable volume ratio (VVR®) compressor technology to give you the advantage of a system that is quiet, while adapting to real-time building demands for the most efficient and cost-saving operation possible.



PERFORMANCE

- R-134a
- 15-1,200 tons
- 52-4,220 kW
- Up to 160°F water
- 600-18,000 MBh

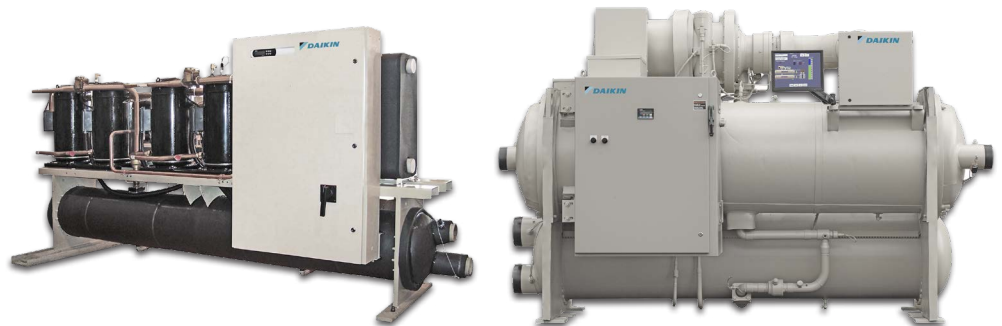
FEATURES

- > Economical hot water heating
- > Off-loads boilers & cooling towers
- > No ozone depleting refrigerant
- > Reduced chemical treatment costs

MODEL TGZ/TSC

HEAT RECOVERY TEMPLIFIER®

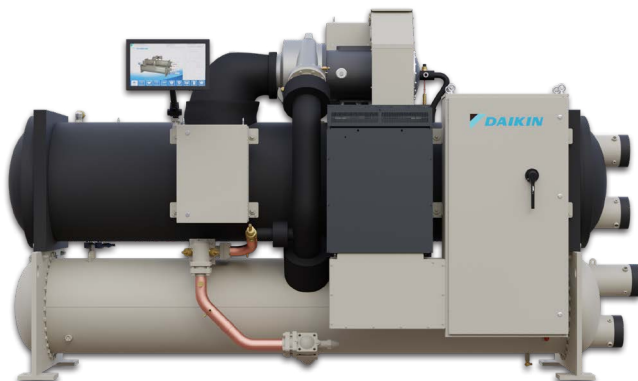
Templifier recovers large amounts of heat that would typically be rejected from the building and then use that heat for processes, building heat, or domestic hot water. They offer significant environmental advantages over boilers or electric heat for greener building solutions.



MODELS WMC/WME

MAGNETIC BEARING MAGNITUDE®

Magnitude is up to 40% more efficient than standard centrifugal chillers and can save up to \$4 million over the life of the chiller. Quiet operation and proven reliability across the world's largest installed base of chillers make Magnitude the preferred choice for all types of building applications.



PERFORMANCE

- R-134a or R-513A
- 86-1,600 tons
- 302-5,627 kW
- 40% more efficient
- 17 sec. power restore

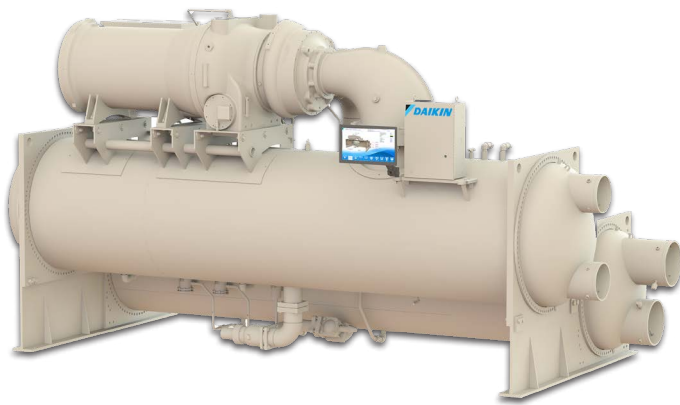
FEATURES

- > Rapid Restore® and Ride-Through® technology
- > Oil-free, magnetic bearing technology
- > Efficient variable frequency drives (VFDs)
- > 2" incremental dimensioning design

MODEL WSC

SINGLE COMPRESSOR CENTRIFUGAL

These chillers easily integrate with building automation systems, are seismic compliant, quiet and have a wide operating range to allow operation at varying lift conditions. Knockdown allows entry into tight areas for both new and replacement applications.



PERFORMANCE

-  R-134a or R-513A
-  300-1,350 tons
-  1,050-4,750 kW
-  Lowest part-load kW

FEATURES

- > Smallest footprint per ton optimizes space
- > Easy disassembles and reassembles at site
- > Non-ozone depleting refrigerant
- > Seismic certified

PERFORMANCE

-  R-134a or R-513A
-  600-2,700 tons
-  2,110-9,500 kW
-  Lowest part-load kW

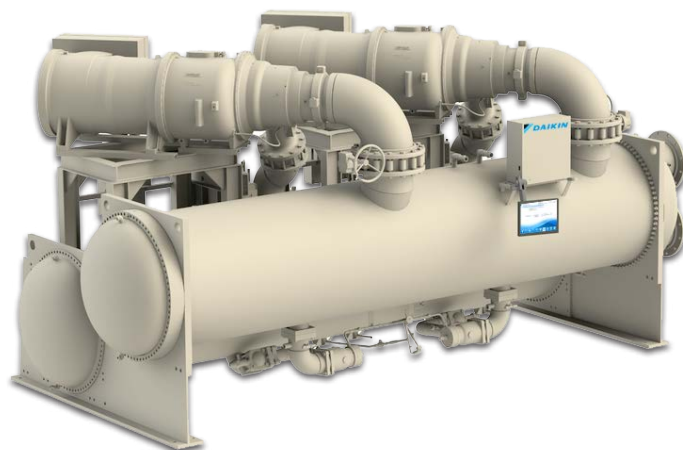
FEATURES

- > 35% cost savings over multiple chillers
- > Built in redundancy reduces downtime
- > Non-ozone depleting refrigerant
- > Seismic certified

MODELS WDC/WCC

DUAL COMPRESSOR CENTRIFUGAL

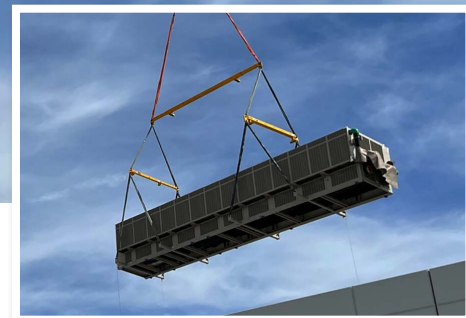
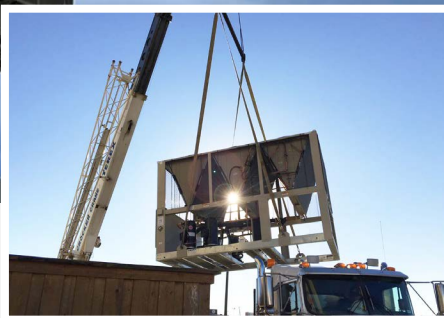
Dual compressor chillers offer excellent full and part-load performance for increased energy savings and system redundancy, similar to two separate chillers, with a lower total-installed cost.



AIR-COOLED CHILLERS

COMPLETE, ULTIMATE FLEXIBILITY

Chillers make cold water or water/glycol fluid mixture to cool buildings or processes. An air cooled chiller rejects the heat absorbed from the building or process directly to the outdoor air using refrigerant to air coils and fans that blow outdoor air directly over those coils.



APPLICATIONS

- ▶ HEALTHCARE
- ▶ OFFICE BUILDINGS
- ▶ HIGHER EDUCATION
- ▶ HOSPITALITY
- ▶ DATA CENTERS

NAME/MODEL:

TRAILBLAZER®

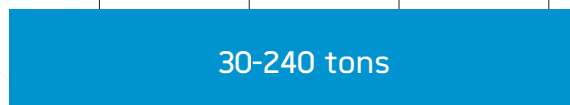
AMZ/EWYQ (25 ton)
Scroll compressor



10-40 tons

TRAILBLAZER®

AGZ
Scroll compressor

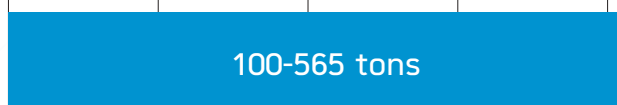


30-240 tons

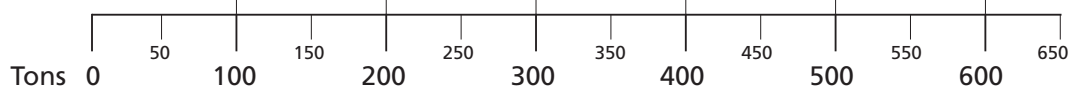


PATHFINDER®

AWV
Screw compressor



100-565 tons



MODELS AGZ/AMZ/EWYQ

SCROLL COMPRESSOR TRAILBLAZER®

Trailblazer® provides 10% more efficiency than leading competitors at design and off-design conditions. With a broad tonnage range, it gives you the scale to fit your cooling needs and offers the best overall value in air-cooled packaged chillers available.



PERFORMANCE

- R-410A
- 10-240 tons
- 35-800 kW
- 45% heat recovery
- Up to 16.7 IPLV

FEATURES

- > Quiet operation as low as 61 dBa
- > RapidRestore® full power in <4 minutes
- > Easy integration with BAS of choice
- > Compact unit footprint

PERFORMANCE

- R-134a or R-513A
- 100-565 tons
- 350-1,985 kW
- Up to 60% more efficient
- +22 IPLV

FEATURES

- > Variable volume ratio (VVR) technology
- > Integrated free cooling economizer
- > RapidRestore® and Fast Loading technology
- > 100% fully configurable

MODEL AWW

SCREW COMPRESSOR PATHFINDER®

The 100% configurable, free-cooling Pathfinder is the most efficient machine on the market today – the first air-cooled screw chiller with IPLVs exceeding 22 EER. It includes an array of features that optimize sound, and deliver the lowest turndown in flow and highest leaving chilled water capabilities.



MODULAR CENTRAL PLANT (MCP)

SCALABLE SOLUTIONS TO ACCOMMODATE EXPANSION

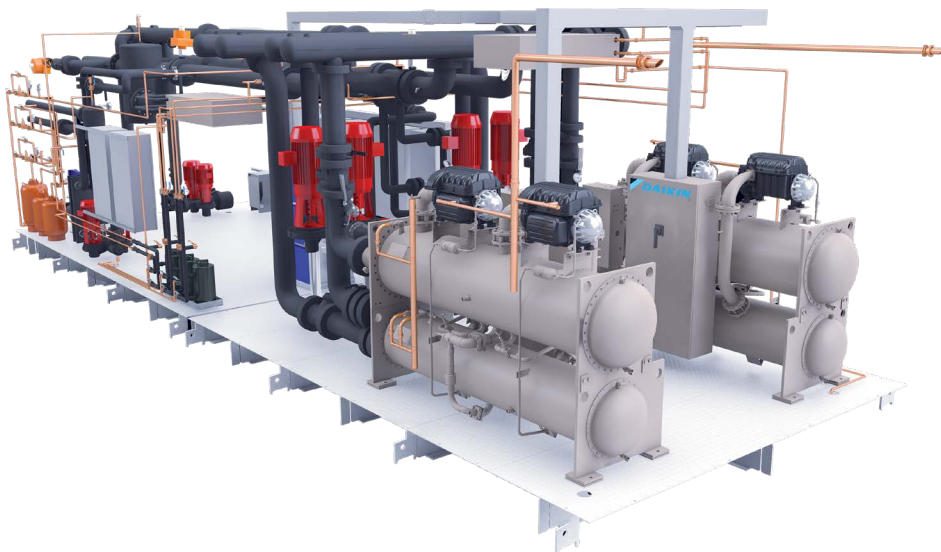
When building for today with an eye toward tomorrow, pick a scalable solution that can accommodate expansion in the years ahead. A Daikin MCP is a complete central plant including all components: chillers, boilers, domestic hot water, pumps, piping, electrical, controls and cooling towers.



MODEL MCP

MODULAR SOLUTIONS

Each modular central plant (MCP) is custom designed and fabricated in our production facility by a certified team for your specific project. Before shipping to the installation site, each MCP is fully assembled and tested in the factory.



BENEFITS

- ✂ 100% turnkey
- ✂ Fits specific footprint
- ⌚ Meets fast-track jobs
- \$ Lowest cost per ton
- 🏗 Custom engineered

SOLUTIONS

- > Modular construction, easy walk-in access
- > Complete management through delivery
- > Simplified single-source responsibility
- > Scalable for ongoing building expansions

SITELINE™ BUILDING CONTROLS

MAKING AUTOMATION SIMPLE

Whether you're overseeing a complex HVAC ecosystem of equipment and buildings or monitoring standalone units, SiteLine Building Controls and Service Solutions will help you create comfortable and sustainable environments where tenants work and live.



BENEFITS

- Increases efficiency
- Improves operations
- Optimizes IAQ
- Measures carbon goals
- Keeps tenants cool

SOLUTIONS

- Preventive alerts to reduce downtime
- Scalable for equipment and buildings
- Remote monitoring from any device, anywhere
- Advanced security to protect data

MODELS SDE/SWL/SPP

EQUIPMENT & BAS CONNECTIVITY

SiteLine's scalable, cloud-based equipment and building automation systems (BAS) instantly and easily optimize the performance of Daikin HVAC units and any HVAC ecosystem - including other makes and existing building systems. You'll get real-time analytics that provide effortless insight and optimization for energy, indoor air quality and sustainability.



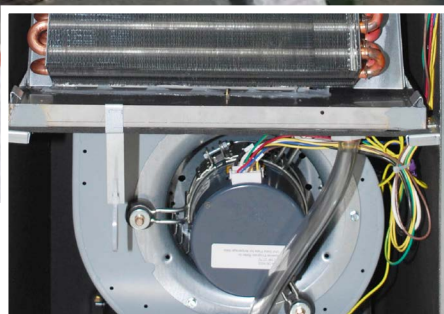
SITELINE™
DAIKIN BUILDING CONTROLS

- Dedicated Equipment
- Wireless BAS
- Pre-programmed BAS

UNIT HEATERS/FAN COILS

PERFORMANCE YOU DEMAND. QUALITY YOU EXPECT.

For over 80 years, building owners, facility managers, and specifying engineers have turned to Daikin unit heaters and fan coils to meet and surpass their most desired requirements, with options and sizing to meet room application and conditions.



NAME/MODEL:

**CABINET
UNIT HEATERS**
UHH/UDH

18-610 Mbh



Mbh 0 200 400 600



APPLICATIONS

- ▶ HOSPITALITY
- ▶ GOVERNMENT
- ▶ HEALTHCARE
- ▶ SCHOOLS
- ▶ OFFICES

NAME/MODEL:

THINLINE

FCH*/FCV*/FHV*/FHW*/FHH*
Flat/Slope Top, Concealed,
Recessed, Exposed

OPTILINE™

FSG
Vertical Stacked

200-1,200 cfm

300-1,200 cfm



CFM 0 250 500 750 1000 1250 1500

MODELS UHH/UDH

CABINET UNIT HEATERS

Daikin horizontal and vertical cabinet unit heaters provide specifying engineers and facility managers with simple heating solutions for industrial and commercial applications to meet specific heat-throw and heat-spread requirements.



PERFORMANCE

- 18-610 Mbh heating
- 018-610 sizes
- 1/2-6 tons
- 310-12,350 cfm
- Sound class I-VII

FEATURES

- > 1/2" copper coils, aluminum fins
- > 150 psig steam or 220 psig hot water
- > Intermittent or continuous fan
- > Standard 115/60/1 PSC motors

PERFORMANCE

- 20.9-144.1 Mbh heating
- 002-012 sizes
- 0.5-10.0 kW elect. heat
- 200-1,200 cfm
- 80% higher efficiencies

FEATURES

- > 100+ factory valve and piping packages
- > 2, 3 and 4-row primary coils
- > Energy-saving EC fan motors
- > ASHRAE 62.1-2010 compliant

MODELS FCH*/FCV*/FHV*/FHW*/FHH*

HORIZONTAL/VERTICAL THINLINE

ThinLine horizontal units offer space savings for single-zone applications in new or retrofit buildings, with extensive design and color choices allow them to blend into all types of building environments and decor.



PERFORMANCE

- R-6.5
- 003-012 sizes
- 9-38.2 Mbh
- 300-1,200 cfm
- NC less than 30

FEATURES

- > Smallest footprint in the industry
- > 3 or 4-row primary heating coil
- > Energy-saving EC fan motor
- > Primary or auxiliary electric heat

MODEL FSG

VERTICAL STACKED OPTILINE®

With the smallest footprint in the industry, OptiLine is the ideal retrofit or new construction solution when livable and working space is at a premium.



AIR PURIFIER

HEPA AND MERV 13 FILTRATION

Designed to improve indoor air quality (IAQ) and help reduce the risk of airborne contaminants within indoor spaces, the Air Purifier's simple design blends nicely with just about any décor scheme.



PERFORMANCE

- 99.97% contaminant free
- 250 and 750W output
- 500 and 1,000 cfm
- 5.5 and 14.75A draw
- .33 and 1HP EC motor

FEATURES

- > MERV 8, MERV 13 and HEPA filtration
- > Factory assembled and tested
- > 3-speed dial with customizable settings
- > High-efficiency EC motor

MODEL DAP

PREMIUM & ECONOMY AIR PURIFIER

Premium air purifier models feature a HEPA post filter and economy models feature a MERV 13 post filter that meets ASHRAE minimum In-Room Air Cleaning Guidance recommendations. Each unit arrives fully assembled from the factory for immediate installation.



ECONOMY



PREMIUM

WATER SOURCE HEAT PUMPS

UNMATCHED PERFORMANCE AND OCCUPANT COMFORT

Daikin water source heat pump systems (WSHPs) are some of the most efficient, environmentally-friendly systems available for heating and cooling buildings. These high-efficiency, self-contained units are available in a variety of sizes/configurations and can be placed in virtually any location within a building.



NAME/MODEL:

SMARTSOURCE®
DOAS
WGOV



600-4,000 cfm

ENFINITY®
MHC/MHW
Console



½-1-1/2 ton

VERTICAL STACK
VHF/VHC/VHW
Vertical Stack



¾-3 ton

ENFINITY®
CCH/CCW/VFC/VFW
Horizontal & Vertical



½-6 ton

SMARTSOURCE®
COMPACT
GCV/GCH/GDH
Horizontal & Vertical



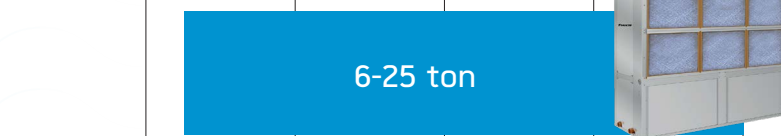
½-6 ton

SMARTSOURCE®
GSH/GTH/GSV/GTV
Horizontal & Vertical



½-6 ton

ENFINITY®
CCH/CCW/LVC/LVW
Lg. Capacity, Horizontal & Vertical



6-25 ton

Tons 0 5 10 15 20 25



APPLICATIONS

- ▶ CONDOMINIUMS
- ▶ GOVERNMENT
- ▶ SCHOOLS
- ▶ DATA CENTERS
- ▶ OFFICE BUILDINGS

MODEL WGOV

DOAS SMARTSOURCE®

Dedicated outside air systems (DOAS) bring the outside in by drawing 100% outside air through the unit and into a building's HVAC system to improve indoor air quality.



**SMARTBOOST
HEATING
TECHNOLOGY™**

PERFORMANCE

- 🌡️ DAT control to $\pm 1^\circ$
- 🏠 008-024 sizes
- 🌀 600-4,000 cfm
- ❄️ 30-100% capacity control
- 🔄 5.1 IS COP

FEATURES

- > Constant or variable air volume
- > Field programmable airflow levels
- > Reheat dehumidification/SmartBoost heating
- > Advanced DDC controls

PERFORMANCE

- ❄️ 9000-19,000 nom. cooling
- ❄️ ½-1½ tons
- 🏠 007-018 sizes
- 🔄 Up to 4.97 COP
- 🔄 Up to 31.3 EER

FEATURES

- > Standard or geothermal flexibility
- > Quiet GentleFlo® fan operation
- > LonWorks® or BACnet® communication
- > Flat top or slope top configuration

MODELS MHC/MHW

CONSOLE ENFINITY®

Enfinity combines slope top or flat top cabinet design, high-sill or low-sill configuration, and a variety of color selections and options that allow greater flexibility to design, install, operate, and maintain an optimum WSHP system for any new or replacement project.



PERFORMANCE

- R-6.5
- 009-036 sizes
- ¾-3 tons
- 300-1,200 cfm
- 16.8 EER

FEATURES

- > Hydronic heat and geothermal options
- > Efficient and quiet EC fan motors
- > MERV 8 or 13 filtration
- > Motorized outdoor air damper

MODELS VHF/VHC/VHW

VERTICAL STACK

Vertical stack units are readily available in full-cabinet design for use in new installations, or as a stand-alone chassis design for quick changeouts needed in replacement applications.



MODELS CCH/CCW/VFC/VFW

HORIZONTAL & VERTICAL ENFINITY®

Designed for high efficiency, individually-zoned comfort control, small-footprint Enfinity units free up valuable space and incorporate a bevy of cost-saving, low maintenance features in flexible cabinet configurations.



PERFORMANCE

- 30°-110°F entering water
- 007-070 sizes
- ½-6 tons
- 250-2,600 cfm
- Up to 19.6 EER

FEATURES

- > Standard or geothermal configurations
- > Highly optioned to match applications
- > Superior IAQ and quiet operation
- > LonWorks® or BACnet® communication

MODELS GCV/GCH/GDH

COMPACT SMARTSOURCE®

Compact vertical and horizontal configurations give system designers and contractors unmatched design capability when faced with tight space restrictions.



PERFORMANCE

- 6,200-71,000 Btu cooling
- 007-070 sizes
- ½-6 tons
- 250-2,160 cfm
- Up to 19.0 EER

FEATURES

- > Small-scale, serviceable design
- > EC fan motors with adjustable air flow
- > Energy-saving waterside economizer
- > MERV-8 and MERV-13 filtration

PERFORMANCE

- 8,000-73,400 Btu cooling
- 007-072 sizes
- ½-6 tons
- 250-2,160 cfm
- Up to 28.9 EER

FEATURES

- > Single or dual-stage operation
- > Quiet operation, low energy consumption
- > Smart Dehumidification, precise humidity control
- > Fiber-free indoor air quality

MODELS GSH/GTH/GSV/GTV

HORIZONTAL & VERTICAL SMARTSOURCE®

SmartSource horizontal and vertical units combine industry-leading efficiencies with low-noise operation, high indoor air quality and consistent air temperatures for unmatched WSHP performance.



PERFORMANCE

- R-6.5
- 6-25 tons
- 072 to 290 sizes
- 1,800-11,500 cfm
- Up to 17.1 EER

FEATURES

- > Standard or geothermal configurations
- > Highly optioned to match applications
- > Superior IAQ and quiet operation
- > LonWorks® or BACnet® communication

MODELS CCH/LVC

LARGE CAPACITY ENFINITY®

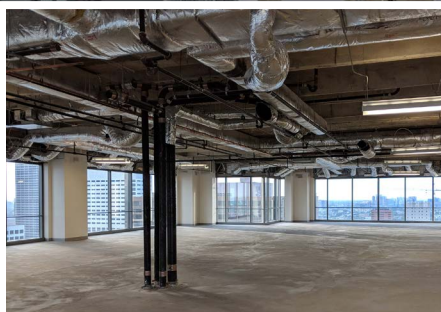
Large capacity units are easily adaptable to fit in small equipment rooms or floor-by-floor installations. They can be applied to all building types where it is advantageous to extend the water source heat pump concept to larger or core areas.



VARIABLE AIR VOLUME (VAV)

SETTING THE STANDARD FOR QUALITY AND PERFORMANCE

Daikin's single-duct VAV boxes provide high performance and set the standard in the industry for construction, performance, and quality. Daikin fan-powered terminal units, available as parallel and series, provide operating cost savings through reduced central fan horsepower and through waste heat recovery.



PERFORMANCE

- Hot water/elect. heat
- 10 unit sizes
- 80-8,000 cfm
- Up to 3" w.g. static press.
- AHRI certified

FEATURES

- > Reliable and efficient scroll compressors
- > LonTalk® or BACnet® communications
- > Economizer with low-leak dampers
- > Easy access to components

MODELS MQTHI5/MQFCI6/MQFVI5

SINGLE-DUCT & FAN TERMINAL UNITS

Single-duct terminal units regulate conditioned air flow into an occupied zone in response to a control signal, while fan-powered terminal units are typically used for heating and cooling perimeter zones.



UNIT VENTILATORS

REDUCING COST WHILE MATCHING COMFORT

Unit ventilators minimize energy usage by utilizing a two-stage compressor and multi-speed fan to better match changing room loads. They leverage “free” cooling opportunities to reduce operating costs. During unoccupied periods and at night, units operate sparingly to conserve energy.



APPLICATIONS

- ▶ SCHOOLS
- ▶ OFFICE BUILDINGS
- ▶ HEALTHCARE
- ▶ RETAIL
- ▶ HOSPITALITY

NAME/MODEL:

HEAT PUMP

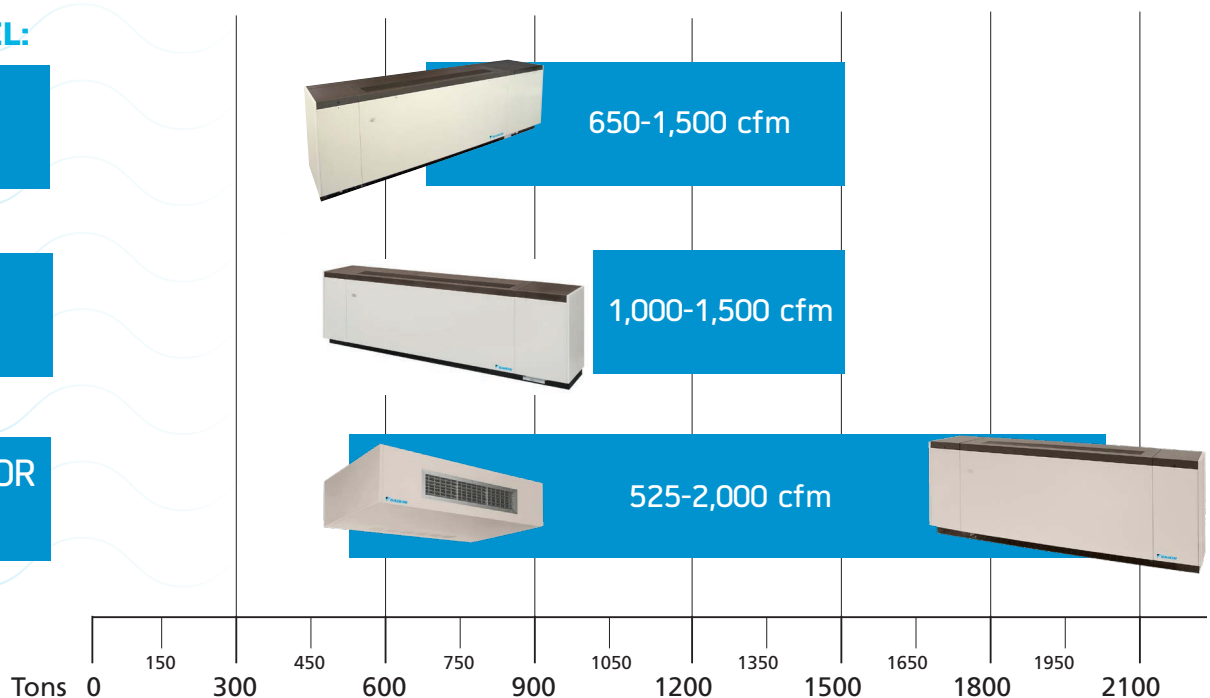
AEQ, ARQ, GRQ
Air & Water

CLASSROOM

AZQ, AZR, AZU
Vertical

CEILING/FLOOR

AHF, AHB, AHV, AHR,
AVS, AVB, AVV, AVR
Horizontal & Vertical



MODELS AEQ/ARQ/GRQ

AIR & WATER HEAT PUMP

Heat pump unit ventilators utilize the natural properties of the earth to provide heating and cooling to a building. Heat addition and rejection occurs below the ground, inside hundreds of feet of ground loop where fluid is circulated through the loop and then back to the ventilator unit.



PERFORMANCE

- 16,500-51,200 Btuh
- 024-048 sizes
- 650-1,500 cfm
- Draw-through coils
- Up to 20.9 EER

FEATURES

- > Dampers for superior temp./humidity control
- > GentleFlo® air moving for quiet operation
- > Easy integration of unit controllers by others
- > Free cooling economizer operation

PERFORMANCE

- 21,000-52,300 Btuh
- 024-054 sizes
- 1,000-1,500 cfm
- Draw-through coils
- Up to 12.7 EER

FEATURES

- > Dampers for superior temp./humidity control
- > GentleFlo® air moving for quiet operation
- > Easy integration of unit controllers by others
- > Heat transfer coil provides extra capacity

MODELS AZQ/AZR/AZU

VERTICAL CLASSROOM

Classroom unit ventilators feature precise temperature and dehumidification control to help keep students and teachers comfortable while making maximum use of free outdoor-air cooling to reduce operating costs.



PERFORMANCE

15,700-57,600 Btuh

007-015 sizes

525-2,000 cfm

Draw-through coils

2-5 cooling rows

FEATURES

- Bypass damper for temp./humidity control
- VRV integrated option
- Easy integration of unit controllers by others
- Free cooling with economizer

MODELS AH*/AV*

HORIZONTAL/VERTICAL CEILING/FLOOR

Ceiling and floor units are perfect for new construction and for retrofit applications. Older buildings with baseboard radiant heat or other hydronic heating systems can be easily adapted to work efficiently with these units.





**MAINTAIN
AND REPAIR** 

PROTECTIVE MAINTENANCE PLANS



Ensure peak performance and protect your building's most valuable asset - your HVAC system, with a customized maintenance plan from Daikin. Whether installing new equipment or optimizing an existing system, our factory-trained technicians can deliver regular, preventative care to maximize efficiency, extend equipment life, and identify issues early, saving you time and money. With seasonal startups and shutdowns, comprehensive system checks, and detailed reporting, trust Daikin specialists for complete peace of mind ensuring that your HVAC investment is protected.



CUSTOMER BENEFITS INCLUDE

EXTEND EQUIPMENT LIFE

Our factory trained technicians perform all vital maintenance on a planned schedule to ensure peak efficiency, extending the life of your HVAC equipment.

ENSURE PROACTIVE EQUIPMENT MAINTENANCE

Daikin's proven experts provide trusted support and ensure you get the help you need to prepare for upcoming equipment maintenance.

MINIMIZE CATASTROPHIC EVENTS

Predictive maintenance services anticipate potential equipment failures to mitigate the risk of catastrophic events.

24/7 EMERGENCY SERVICE AND SUPPORT

When breakdowns happen, time is of the essence. We can provide emergency support whenever, wherever, and however you need us.



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PROTECTIVE PLANS FOR YOUR HVAC INVESTMENT

FIRST-YEAR MAINTENANCE PLAN

Take the work and worry out of equipment maintenance during the critical warranty period. Get vital preventative service from our expert technicians to ensure warranty protection and optimize your HVAC investment from day one. With maintenance matched to your schedule, Daikin cares for your new equipment or HVAC system so you can be confident it's operating at peak efficiency.

INSPECTION MAINTENANCE PLAN

Extend the lifespan of your HVAC system through consistent, scheduled upkeep. Our inspection & maintenance plan ensures your equipment undergoes regular maintenance and inspections by factory-trained technicians, who can collaborate seamlessly with your on-site staff. Also, you can benefit from an affordable payment plan, making it easier to manage your maintenance budget.

LABOR MAINTENANCE PLAN

Labor maintenance plans are a tailor-made, adaptable approach designed to safeguard your HVAC equipment. This plan encompasses all labor costs for repairs within the covered services, ensuring your system always performs at its best through regularly scheduled maintenance. Your staff will also benefit from on-site operational guidance provided by Daikin's technicians.

COMPREHENSIVE MAINTENANCE PLAN

This all-inclusive service plan offers unparalleled support for your most valuable building asset. It covers all necessary labor, parts, materials, and refrigerants for the selected services, ensuring no unexpected expenses. Enjoy 24-hour priority service, routine maintenance, and inspection services, all under one plan designed to prevent budgetary surprises.

PLAN MATRIX

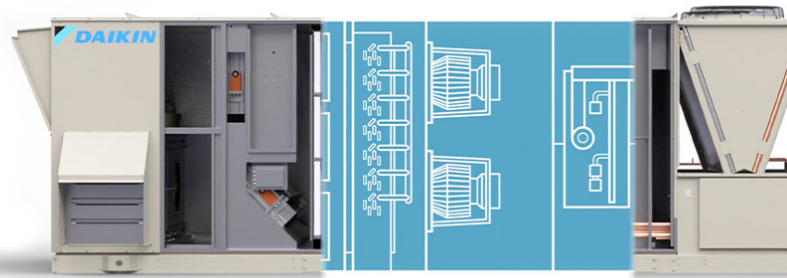
PLANS	FIRST-YEAR MAINTENANCE	INSPECTION & MAINTENANCE	LABOR MAINTENANCE	COMPREHENSIVE MAINTENANCE
REGULAR SCHEDULED SERVICE	✓	✓	✓	✓
SEASONAL STARTUP & SHUTDOWN	✓	✓	✓	✓
ON-SITE SYSTEM EVALUATION	✓	✓	✓	✓
OPERATIONAL INSTRUCTION	✓	✓	✓	✓
TECHNICAL SUPPORT	✓	✓	✓	✓
PREFERRED SERVICE	✓	✓	✓	✓
24-HOUR SERVICE AVAILABILITY	OPTIONAL	OPTIONAL	✓	✓
ANNUAL CONDENSER CLEANING	OPTIONAL	OPTIONAL	✓	✓
REPAIR LABOR COSTS INCLUDED			✓	✓
PARTS, MATERIALS & REFRIGERANTS INCLUDED				✓
REMOTE MONITORING & INSPECTIONS	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL

OUR BRAND PROMISE

At Daikin, our goal is to make the time you spend indoors as productive and pleasant as possible, with superior comfort and quality air. Let us help you build convenience, confidence and excellence into your buildings, and free up your people to work toward your mission. Whether you need immediate service, routine maintenance or an expert consultant, Daikin is here to help. Daikin Service will make your building the second best performing employee that props up everyone else.



We deliver extraordinary results for remarkable value. This means being ready for you whenever, wherever and however you need us. Your Daikin Service team is on standby with well-outfitted local resources that are backed by the world's number one air conditioning company. Whether you're looking to extend the life of your equipment or to drive efficiency into every aspect of your business, our team will identify the solutions to meet you where you are today and take you where you want to go.



DAIKIN360 INTEGRATED SERVICE SOLUTIONS

We understand that your building is one of your company's most significant investments, and a cornerstone of growth and success. Our expertise in HVAC systems, delivered through Daikin360 Integrated Service Solutions, can help make your building your second-best employee by creating an ideal environment and quality air that propels your people and customers forward. Plus, our advanced energy-saving solutions and protective maintenance plans can help you control your maintenance and operational costs. You can count on Daikin Applied for advanced technology, agility and reliability.

Whenever, Wherever, However You Need Us.

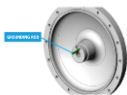


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SERVICE SOLUTIONS PROGRAMS

PROGRAM CARD

		KEY BENEFITS	NEW ADDED PARTS ★	TARGET UNIT AGE
WME	 GEN 1 UPGRADE	- Upgraded to the latest C Vintage Technology (Major Rebuild) - 2 Year P&L Warranty - New Serial Number & nameplate	- Compressor - VFD Power Box - Control Platform	All vintage A units (2010-2016)
	 COMPRESSOR GROUNDING ROD	- Boosted Reliability for uninterrupted operation - Protection for compressor components - Extended Operation Longevity	- Compressor Carbon Grounding Rod	5 YR Intervals
WMC	 CAP (CHILLER ASSURANCE PROGRAM)	- Enhance operational efficiency and prolong equipment lifespan. (Compressor Rebuild) - 2 Year P&L Warranty - New Serial Number & nameplate	Soft Start Module; Capacitors & Buss Bar Assy; IGV Drive Assy, IGBT Snubber; Soft Start Cooling Fan Assy; High & Low-Pressure Transducers; Solenoid Plunger Assy; Cavity Temperature Sensor; Front & Rear Bearing; Sensor Cable Harness, Bearing Sensor Feed Throughs, Feed Throughs.	- 8-17 YO units - Or 50,000 run hours
	 CHILLER CONTROLS UPGRADE	- Larger HMI display - Improved Data Layout - Improved Control Technology - User friendly	- HMI Kit - PCO5 Controllers (Unit & Compressors)	2004-2020
	 R-513A REFRIGERANT RETROFIT	- Low GWP - Reduction in Carbon Footprint - Confidence in Compliance - Operator and Facility Safety	- 2014-2017: Compressor, Parts Kit (gaskets & valve) , R-513A Refrigerant) - 2018-2020: Parts Kit (gaskets and valve), R-513A Refrigerant) - 2021-2023: Parts (gaskets and valve), 513A Refrigerant)	2014-2023
WSC/WDC	 CAP (CHILLER ASSURANCE PROGRAM)	- Enhance operational efficiency and prolong equipment lifespan. (Compressor Rebuild) - 2 Year P&L Warranty - New Serial Number & Nameplate	- Dependent on Open Compressor Inspection Findings. - Main Parts(Impeller seal, shaft seal, surge capacitor, gaskets, etc.), Bearings, Lube Parts	- 8-17 YO units - Or 50,000 run hours
	 CHILLER CONTROLS UPGRADE	- Larger HMI display - Improved Data Layout - Improved Control Technology - User friendly	- HMI Kit - PCO5 Controllers (Unit & Compressors)	2004-2020
	 VFD UPGRADE	- Boosted reliability and compressor protection. - Up to 30% more energy efficiency with a fixed-starter upgrade. - 1 Year Parts Warranty.	- VFD Power Box Assembly	2001-2020
AWS	 CAP (CHILLER ASSURANCE PROGRAM)	- Enhance operational efficiency and prolong equipment lifespan. - Mitigate risk & potential for catastrophic failures. - 2 Year P&L Warranty (If compressors are replaced) - New Serial Number & Nameplate	- Inspections: Gate Rotor & Starter - 70-100 Parts: Oil filter, Oil change, Sensors & Transducers, Fan Contactors, Solenoid Valves, Flow Switch, & Relief Valves	- 7-15 YO units - Or 35,000 run hours
AWV	 EXTERNAL HMI UPGRADE	- Increased unit performance visibility - Improved operator safety - Streamlined diagnostics - Direct unit insight without reliance on BMS viewing	- HMI Kit: Display, Window Kit, Window Film, HMI Cable	All AWV Units

★The term 'New Added Parts' refers to components that are either being replaced or upgraded as part of the program offering.

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Mobile: 612-615-3893
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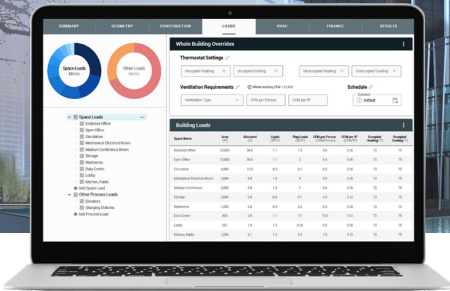
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BUILDING ASSESSMENTS

ANALYZE YOUR BUILDING'S ENERGY CONSUMPTION WITH DAIKIN'S NEXT GENERATION OF ENERGY MODELING SOFTWARE



When embarking on a ground-up project, planning a remodel, or considering a system upgrade, every watt counts. Early access to actionable energy data is pivotal for unraveling energy usage trends, selecting optimal HVAC equipment, and uncovering avenues for cost reduction and potential rebates. This is why Daikin Applied has developed the next generation of energy analysis and modeling software, EA Pro™ — which is backed by the power of the Department of Energy's EnergyPlus™ Simulation Engine.

By analyzing the synergistic effects of the building's envelope, internal loads, and HVAC characteristics, EA Pro™ can provide a customized model reflecting your project's needs. These models empower building owners and engineers with the insights they need to transform energy consumption strategies and aid in equipment selection, leading to energy and energy cost savings, as well as a reduction in the building's carbon footprint.

NEXT-GENERATION APPROACH AND ENERGY ANALYSIS

THOROUGH EQUIPMENT AND BUILDING ANALYSIS

Models include the ability to analyze HVAC systems, building envelope, lighting, controls, and process loads

EASY-TO-USE, CLOUD-BASED PLATFORM

Daikin's EA Pro™ software boasts a user-friendly interface with modern, intuitive output reports

LIFECYCLE COST ANALYSIS TOOL

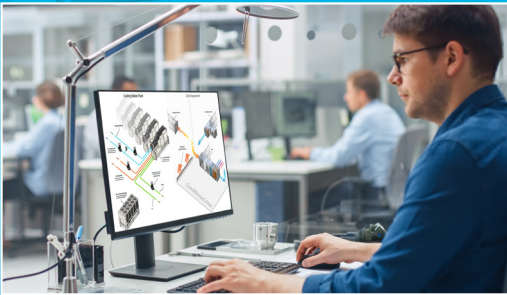
Models feature the option to include initial costs, maintenance costs, rebates, inflation rates, and escalation rates for lifecycle analysis

COMPREHENSIVE SUPPORT AND TRAINING

Daikin Applied will provide software training and maintenance

TAP INTO THE LEADING BUILDING ENERGY SIMULATION ENGINE

Models utilize the Department of Energy's powerful EnergyPlus™ simulation engine

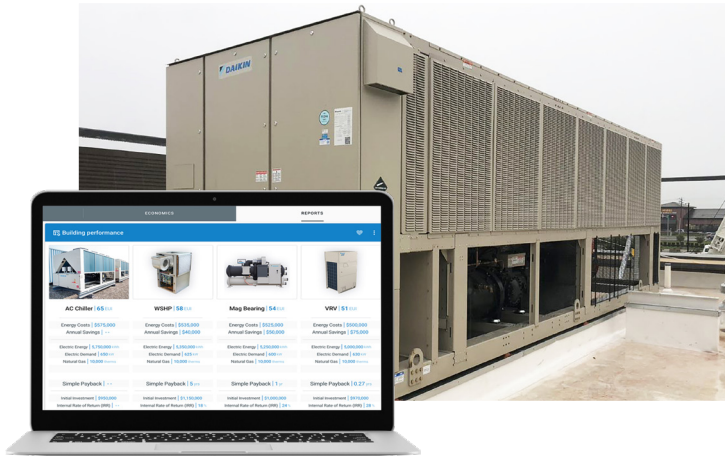


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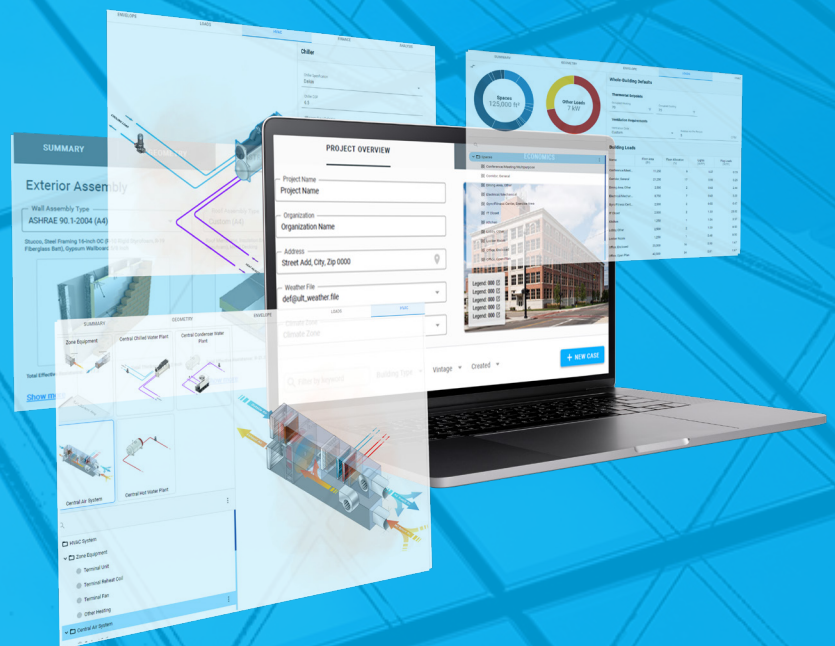
ENERGY MODELING FOR DAIKIN APPLIED EQUIPMENT

- > REBEL® AND REBEL APPLIED™
 - Dedicated outside air systems (DOAS)
 - Heat pumps
- > CHILLERS
 - AWW and AWW with integrated free cooling
 - WME with low condenser water temperature
 - Heat recovery
 - Waterside economizing for all chillers
- > WATER SOURCE HEAT PUMPS
- > AIR HANDLING UNITS
- > CONDENSING UNITS



ENERGY MODELING FOR DAIKIN NORTH AMERICA'S VRV

- > SERIES
 - Emerion
 - Aurora™
 - Water-cooled T-series
 - Single-phase VRV
- > DUCTED, NON-DUCTED AND MIXED UNITS



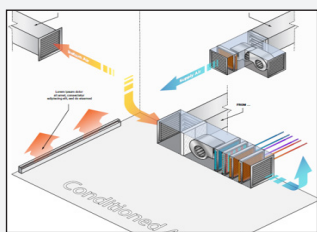
SOLUTIONS FOR ECONOMIC ANALYSIS

- > ENERGYPLUS™ CALCULATIONS ACCEPTED BY UTILITIES AND REGULATORY AGENCIES
- > CUSTOM OUTPUT REPORTS
 - Appropriate for rebate purposes
 - For use by building owners

SOLUTIONS FOR MODELING ALTERNATIVES

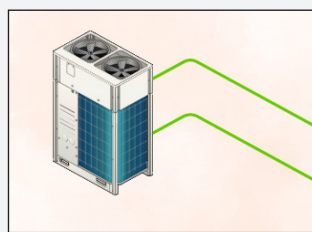
- > BUILDING ENVELOPE
- > LIGHTING
- > CONTROLS
- > CHANGES IN VENTILATION
- > HVAC EQUIPMENT
 - Optimize chiller selection
 - Compare new to existing equipment
 - Evaluate different equipment options

3D Visual Representations of HVAC Equipment



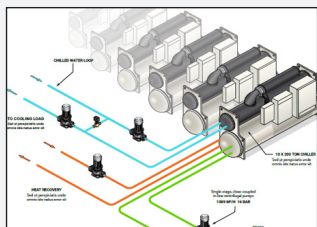
Zone Equipment

- > Fan coil units
- > WSHPs
- > VAV terminal units
- > VRV ducted & non-ducted units



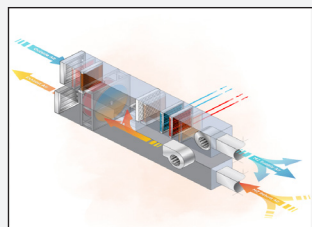
VRV Equipment

- > Outdoor units
 - Air & water cooled
 - Heat pump & heat recovery
- > Ducted & non-ducted units



Plant Equipment

- > Chillers (air & water cooled)
- > Boilers
- > Cooling towers



Central Air Equipment

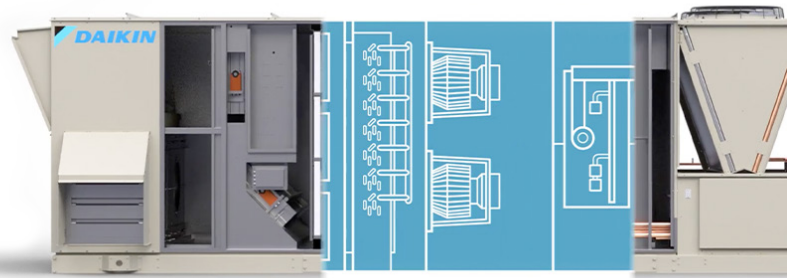
- > AHUs
- > Rooftop systems

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Service Program 1 – Centrifugal Chillers

Daikin Applied will perform the following procedures:

Annual Inspection

1. Test for refrigerant leaks including relief valve piping outlets
2. Check main starter and control panel
3. Inspect and tighten electrical connections
4. Check relays, operating, and safety controls
5. Check flow switch operation
6. Lubricate inlet vane linkage, if applicable
7. Check vane control setting and operation
8. Take and record water side pressure drops across vessels
9. Perform MicroTech check, log, and last fault analysis, and analyze performance.
10. Perform operating log if not MicroTech and analyze
11. Meg compressor and oil pump motors
12. Clean oil cooler strainer, water cooled only
13. Check oil sump heater operation
14. Perform oil analysis for wear metals, moisture, and acid
15. Inspect vibration eliminators and inspect water piping for leaks
16. Blow down condenser water strainer(s)
17. Check head pressure control operation for tower fans or bypass valve
18. Check minimum condenser water temperature operation
19. Clean purge drum and oil separator where applicable
20. Check oil in purge pump and oil separator where applicable
21. Lubricate purge pump motor where applicable
22. Visually inspect water side of condenser

Semi-Annual Inspection

1. Review manufacturer's recommendations for operation
2. Check auxiliary equipment operation
3. Check oil levels
4. Check oil sump heater, gear case heater, and purge pump oil heaters where applicable
5. Check relays, operating, and safety controls
6. Check chilled water pump(s)
7. Check condenser water pump(s) and cooling tower
8. Check water chiller
9. Check purge unit operation where applicable
10. Log all operating conditions
11. Review operating procedures with chiller operator

Operational Inspection

1. Review owner's log for trends
2. Inspect chiller for leaks
3. Inspect starter contacts for burns and discoloration
4. Run chiller and log readings, analyze performance
5. Record unusual noises and vibrations
6. Record refrigerant level in sightglass
7. Record oil level in sightglass
8. Verify operation of the oil heater and cooler
9. Check purge operation. Check sight glass and drain non-condensibles from purge drum where applicable
10. Review chiller operation with chiller operator

First Year Maintenance

1. One Operational Inspection during the cooling season plus one inspection as detailed in items 2-24
2. Test for refrigerant leaks including relief valve piping outlets



3. Check main starter and control panel
4. Inspect and tighten electrical connections
5. Check relays, operating, and safety controls
6. Check flow switch operation
7. Lubricate inlet vane linkage, if applicable
8. Check vane control setting and operation
9. Take and record water side pressure drops across vessels
10. Perform MicroTech check, log, and last fault analysis, and analyze performance.
11. Perform operating log if not MicroTech and analyze
12. Meg compressor and oil pump motors
13. Clean oil cooler strainer, water cooled only
14. Check oil sump heater operation
15. Perform oil analysis for wear metals, moisture, and acid
16. Inspect vibration eliminators and inspect water piping for leaks
17. Check condenser water strainer(s)
18. Check head pressure control operation for tower fans or bypass valve
19. Check minimum condenser water temperature operation.
20. Clean purge drum and oil separator where applicable
21. Check oil in purge and oil separator where applicable
22. Lubricate purge pump motor where applicable
23. Visually inspect water side of condenser
 - Head(s) to be removed by: ☐ Daikin Applied ☐ Customer
 - Cleand Condensers by: ☐ Daikin Applied ☐ Customer

Exceptions and additions

- This service does not include “slide back” service on low pressure equipment.



Service Program 2 – Absorption Chillers

Daikin Applied will perform the following procedures:

Annual Inspection

1. Check starter and control panel
2. Confirm settings of motor overcurrent relay.
3. Inspect and tighten electrical connections
4. Check relays, operating, and safety controls
5. Check chilled-water flow switch operation
6. Check condenser-water flow switch operation
7. Inspect vibration eliminators and water piping for leaks
8. Check condenser water strainer(s)
9. Check solution/refrigerant pumps for abnormal noise
10. Check for steam leaks, NC units
11. Check operation of condensate float, NC units
12. Take solution sample for laboratory analysis
13. Take refrigerant-water sample for laboratory analysis
14. Check purge operation
15. Change purge pump oil
16. Lubricate purge pump motor and check belt tension
17. Clean magnetic strainer on the solution motor cooling circuits, if applicable

Burner Assembly (if applicable)

Annual Inspection

1. Lubricate motors
2. Inspect combustion
3. Inspect all valves
4. Remove pilot assembly and inspect ignition electrodes
5. Inspect operation and limit controls
6. Check and tighten all electrical connections
7. Check tightness of linkage
8. Check flame motor for signal strength
9. Check all fuel pressures
10. Check O₂, CO₂, and smoke spot levels

Seasonal Startup

1. Review manufacturer's recommendations for startup
2. Check auxiliary equipment operation
3. Check and test all operating and safety controls
4. Start chilled water pump(s)
5. Start condenser water pump(s) and cooling tower
6. Start absorber
7. Check solution-pump motor operation
8. Log operating conditions after unit stabilizes
9. Add octyl alcohol, if required
10. Trim solution concentration for maximum efficiency
11. Take solution sample for laboratory analysis
12. Check purge unit operation
13. Review operating procedures with chiller operator

Operational Inspection

1. Review owner's log for trends
2. Log all operating conditions
3. Complete Periodic Inspection Data Sheet
4. Check function of chilled water flow switch
5. Check accuracy of high-temperature generator-pressure gauge
6. Check function of generator solution-level electrodes



7. Check solution/refrigerant pumps for abnormal noise
8. Check steam valve actuation on NC units
9. Confirm settings of motor overcurrent relays
10. Check and test all operating and safety controls
11. Check purge operation and belt
12. Review chiller operation with chiller operator

First Year Maintenance

1. One Operational Inspection during the cooling season plus one inspection as detailed in items 2-23
2. Check starter and control panel
3. Confirm settings of motor overcurrent relays
4. Inspect and tighten electrical connections
5. Check relays, operating, and safety controls
6. Check chilled-water flow-switch operation
7. Check condenser water flow switch operation
8. Retorque rupture-disk flange
9. Inspect vibration eliminators and water piping for leaks
10. Check condenser water strainer(s)
11. Check solution/refrigerant pumps for abnormal noise
12. Check for steam leaks, NC units
13. Check operation of condensate float, NC units
14. Take solution sample for laboratory analysis
15. Take refrigerant-water sample for laboratory analysis
16. Take TRG reading, if applicable
17. Check purge operation
18. Change purge pump oil
19. Lubricate purge-pump motor and check belt tension
20. Clean magnetic strainer on solution-motor cooling circuits, if applicable
21. Complete Periodic Inspection Data Sheet
22. Manually clean absorber and condenser tubes
 - Head(s) to be removed by: ☐ Daikin Applied ☐ Customer

Exceptions/Clarifications

- None



Service Program 3 – Reciprocating/Scroll Chillers

Daikin Applied will perform the following procedures:

Annual Inspection

1. Inspect for leaks
2. Check belts, sheaves, and coupling alignment where applicable, and adjust as required
3. Check compressor oil level, acid test oil and meg hermetic motor
4. Check compressor crankcase heater operation
5. Check vibration eliminators
6. Inspect electrical connections, contactors, relays, and operating/safety controls

Seasonal Startup

1. Review manufacturer's recommendations for startu.
2. Check auxiliary equipment operation
3. Energize crankcase heater per manufacturer's recommendation for crankcase warm-up
4. Check and test all operating and safety controls
5. Start chilled water pump, condenser water pump, and cooling tower
6. Start water chiller
7. Check refrigerant charge, oil level, and oil pressure
8. Log all operating conditions after unit stabilizes
9. Review operating procedures and owner's log with chiller operator

Operational Inspection

1. Review owner's log and log all operating conditions
2. Inspect chiller and make adjustments as required
3. Cycle operating controls and check unloaders
4. Review chiller operation with chiller operator

Exceptions/Clarifications

- None



Service Program 4 – Condensing Units

Daikin Applied will perform the following procedures:

Air Cooled - Startup Inspection

1. Review manufacturer's recommendations for startup
2. Energize crankcase heater per manufacturer's recommendation
3. Remove all debris from within and around unit
4. Inspect for leaks
5. Check belts, pulleys, and mounts and adjust as required
6. Lubricate fan and motor bearings per manufacturer's recommendation
7. Inspect electrical connections, contactors and relays
8. Check motor operating conditions
9. Check and clean fan blades as required
10. Check coil
11. Check vibration eliminators where applicable
12. Check compressor oil level, acid test oil and meg hermetic motor(s) 20 HP and above
13. Check and test all operating and safety controls
14. Check operating conditions and adjust as required

Operational Inspection

1. Inspect for leaks
2. Lubricate fan bearings per manufacturer's recommendation
3. Lubricate motor bearings per manufacturer's recommendation
4. Check belts and sheaves and adjust as required
5. Check operating conditions and adjust as required

Water Cooled - Startup Inspection

1. Review manufacturer's recommendation for startup
2. Energize crankcase heater per manufacturer's recommendation
3. Inspect for leaks
4. Vent condenser water system of trapped air
5. Inspect electrical connections, contactors, relays and operating/safety controls
6. Check vibration eliminators
7. Check compressor oil level, acid test oil, and meg hermetic motor(s) 20 HP and above
8. Check and test all operating and safety controls
9. Check operating conditions and adjust as required

Operational Inspection

1. Inspect for leaks
2. Check operating conditions and adjust as required

Exceptions/Clarifications

- None



Service Program 5 – Fan and Central Fan Systems

Daikin Applied will perform the following procedures:

Fans - Inspection

1. Check and clean fan assembly
2. Lubricate fan bearings per manufacturer's recommendations
3. Lubricate motor bearings per manufacturer's recommendations
4. Check belts and sheaves
5. Tighten all nuts and bolts
6. Check motor mounts and vibration pads
7. Check motor operating conditions
8. Inspect electrical connections and contactors
9. Lubricate and adjust associated dampers and linkage
10. Check fan operation

Central Fan Systems - Inspection

1. Lubricate fan bearings per manufacturer's recommendations
2. Lubricate motor bearings per manufacturer's recommendations
3. Check belts and sheaves
4. Tighten all nuts and bolts
5. Check motor mounts and vibration pads
6. Check motor operating conditions
7. Inspect electrical connections and contactors
8. Lubricate and adjust associated dampers and linkage
9. Check fan operation
10. Check strainers, check steam traps, and hand valves
11. Check filter-advancing mechanism and lubricate and adjust as required
12. Inspect filters
13. Check heating and cooling coils
14. Inspect humidifier

Exceptions/Clarifications

- None



Service Program 6 – Cooling Towers and Evaporative Condensers

Daikin Applied will perform the following procedures:

Annual Inspection

1. Remove all debris from within and around unit and flush as required
2. Check and blow down strainers, bleed, overflow, and drain
3. Lubricate fan and motor bearings per manufacturer's recommendation
4. Check oil in gear reducer assembly as per manufacturer's recommendation
5. Check belts, motor pulley, and motor mounts and adjust as required
6. Inspect electrical connections, contactors, relays, and operating/safety controls
7. Check motor operating conditions
8. Clean float valve assembly and check for proper operation
9. Structural components and fill are not included in agreement

Operational Inspection

1. Inspect fan, motor and belts
2. Check oil level in gear reducer and add oil as required
3. Check intake strainer, bleed, and overflow
4. Check operating conditions and adjust as required

Exceptions/Clarifications:

- Mechanical moving parts coverage only



Service Program 7 – Pumps

Daikin Applied will perform the following procedures:

Inspection

1. Lubricate pump bearings per manufacturer's recommendations
2. Lubricate motor bearings per manufacturer's recommendations
3. Tighten all nuts and bolts; check motor mounts and vibration pads
4. Visually check-pump alignment and coupling
5. Check motor operating conditions
6. Inspect electrical connections and contactors
7. Check and blow down condenser-pump strainers and check hand valves
8. Inspect mechanical seals or inspect pump packing
9. Verify gauges for accuracy

Exceptions/Clarifications

- Mechanical moving parts coverage only



Service Program 8 – Terminal Units

Daikin Applied will perform the following procedures:

Unit Ventilator Inspection

1. Brush and vacuum grills, coil, fan and unit interior
2. Lubricate fan motor bearings per manufacturer's recommendations
3. Check belts and sheaves and adjust as required
4. Check and clean drains and drain pan
5. Check and clean strainers; check steam traps and hand valves
6. Inspect filters
7. Check unit operating conditions.
8. Lubricate and adjust dampers and linkage.

Unit Heaters Inspection

1. Brush and vacuum coil, fan, and housing as require
2. Lubricate fan and motor bearings per manufacturer's recommendations
3. Check belt and sheaves and adjust as required
4. Check and clean strainers; check steam traps and hand valves
5. Inspect electrical connections, contactors, relays and operating/safety controls
6. Check unit operation and adjust as required

Fan Coils Inspection

1. Brush and vacuum coil, grills, fan, and unit interior
2. Lubricate fan and motor bearings per manufacturer's recommendation
3. Check belt and sheaves and adjust as required
4. Check and clean drains and drain pans
5. Check and clean strainers; check steam traps and hand valves
6. Check unit operating conditions

Radiation Inspection

1. Visually inspect fins/cast iron and clean as required
2. Check and clean strainers; check steam traps and hand valves

Induction Units Inspection

1. Visually inspect coil and clean as required
2. Check and clean drains and drain pans
3. Clean discharge grill
4. Check and clean strainers; check steam traps and hand valves

Reheat Coils Inspection

1. Visually inspect coil and clean as required
2. Check and clean strainers. Check steam traps and hand valves
3. Inspect electrical connections, relays, contactors, and operating and safety controls (electric coils only).

Boxes - Dual Duct and Variable Air Volume Inspection

1. Inspect box for duct work connection
2. Lubricate and adjust dampers and linkage

Exceptions/Clarification: None





Service Program 9 – Automatic Temperature Controls

Daikin Applied will perform the following procedures:

Air Compressor

1. Drain tank and check traps
2. Change oil and check oil pressures
3. Check belts and sheave.
4. Check suction filter
5. Check unloader and check valve
6. Check high-pressure safety valve
7. Check motor operating conditions and lubricate
8. Check PE switch, starter and alternator
9. Record compressor run time

Refrigerated Air Dryer

1. Check refrigerant pressure (33#).
2. Check refrigerant temperature (35°)
3. Check condenser and cover grills
4. Check drain tap and bypass valves

Filter and Pressure Reducing Station

1. Check particle filters
2. Check oil filter
3. Check pressure-reducing valve settings
4. Check low-pressure safety switch

Time Clocks

1. Check operation and settings
2. Check solenoid-air valve and clock-bypass switch

Boiler, Chiller, Converter, Pumps, and Zone Control

1. Calibrate all controllers
2. Calibrate all transmitter and receiver gauges
3. Check all PE switches
4. Check all control valves
5. Check all pilot positioners
6. Check all auxiliary control devices

Fan Systems and HVAC Unit Controls

1. Check all dampers and lubricate
2. Check all pilot positioners
3. Check all control valves
4. Calibrate all controllers
5. Calibrate all transmitters and receiver gauges
6. Check all solenoid air valves, PE switches, and air valves
7. Check all auxiliary control devices
8. Clean/wipe down panel face

Annual Inspection - Heating Only, Cooling Only or Heating and Cooling Room/Terminal Unit Controls

1. Check all room stats
2. Check all control valves
3. Check operation of unit-coil steam traps

Exceptions/Clarifications:

- None



Service Program 10 – Miscellaneous HVAC Equipment

Daikin Applied will perform the following procedures:

Heat Exchanger Inspection

1. Check for leaks and tighten connections
2. Verify pressure gauge and thermometer accuracy
3. Check and clean strainers; check steam traps and hand valves
4. Check operating safety devices

Humidifiers Inspection

1. Check and clean strainers; check steam trap and hand valves
2. Clean and check float assembly.
3. Check and clean drains and drain pan
4. Clean heating element
5. Inspect electrical connections, relays, contactors, and operating/safety controls
6. Clean plugged spray nozzles
7. Check unit operating conditions

Steam PRV Inspection

1. Verify accuracy of gauges
2. Check unit operation

Exceptions/Clarifications

- None



Service Program 11 – Unitary Heating Equipment Only

Daikin Applied will perform the following procedures:

Annual Inspection

1. Lubricate fan bearings per manufacturer's recommendation
2. Lubricate motor bearings per manufacturer's recommendation
3. Check belts and sheaves and adjust as required
4. Lubricate and adjust dampers and linkage
5. Inspect filters
6. Check motor operating conditions
7. Inspect electrical connections, contactors, relays and operating safety controls
8. Check and clean strainers and humidifier; check hand valves and steam traps
9. Visually inspect coil and clean as required
10. Check and clean drains and drain pans
11. Inspect, clean, and lubricate the burner and combustion-control equipment (gas or oil burner only)
12. Check burner sequence of operation and combustion air equipment (gas and oil burner only)

Operational Inspection

1. Lubricate fan bearings per manufacturer's recommendation
2. Lubricate motor bearings per manufacturer's recommendation
3. Check belts and sheaves and adjust as required
4. Inspect filters
5. Check unit operation and make adjustments as required

Exceptions/Clarifications

- None



Service Program 12 – Unitary Cooling Equipment Only

Daikin Applied will perform the following procedures:

Annual Inspection

1. Lubricate fan bearings per manufacturer's recommendation
2. Lubricate motor bearings per manufacturer's recommendation
3. Check belts and sheaves and adjust as required
4. Check coils
5. Check and clean drain pan and drains
6. Lubricate and adjust dampers and linkages
7. Inspect filters
8. Check motor operating conditions
9. Inspect electrical connections, contactors, relays, and operating/safety control.
10. Check compressor oil level, acid test oil, and meg motor(s) 20 HP and above; check crankcase heater operation (DX only)
11. Start compressor, check operating conditions, and adjust as required (DX only)

Operational Inspection

1. Lubricate fan bearings per manufacturer's recommendation
2. Lubricate motor bearings per manufacturer's recommendation
3. Check belts and sheaves and adjust as required
4. Inspect filters
5. Check coils
6. Inspect for refrigerant leaks
7. Check operating conditions and adjust as required

Exceptions/Clarifications

- None



Service Program 13 – Unitary Heating & Cooling Equipment

Daikin Applied will perform the following procedures:

Annual Inspection - Heating

1. Lubricate fan bearings per manufacturer's recommendation
2. Lubricate motor bearings per manufacturer's recommendation
3. Check belts and sheaves and adjust as required
4. Lubricate and adjust dampers and linkage
5. Inspect filters
6. Check motor operating conditions
7. Inspect electrical connections, contactors, relays, and operating safety controls
8. Check and clean strainers and humidifier; check hand valves and steam traps
9. Check and clean drains and drain pans
10. Inspect, clean, and lubricate the burner and combustion control equipment
11. Check burner sequence of operation and combustion air equipment

Operational Inspection

1. Lubricate fan bearings per manufacturer's recommendation
2. Lubricate motor bearings per manufacturer's recommendation
3. Check belts and sheaves and adjust as required
4. Inspect filters
5. Check unit operation and make adjustments as required

Annual Inspection - Cooling

1. Lubricate fan bearings per manufacturer's recommendation
2. Lubricate motor bearings per manufacturer's recommendation
3. Check belts and sheaves and adjust as required
4. Check coils
5. Lubricate and adjust dampers and linkages
6. Check and clean drain pan and drains
7. Inspect filters
8. Check motor operating conditions
9. Inspect electrical connections, contactors, relays, and operating/safety controls
10. Check compressor oil level, acid test oil, and meg motor(s) 20 HP and above; check crankcase heater operation (DX only)
11. Start compressor, check operating conditions, and adjust as required (DX only)

Operational Inspection

1. Lubricate fan bearings per manufacturer's recommendation
2. Lubricate motor bearings per manufacturer's recommendation
3. Check belt and sheaves and adjust as required
4. Inspect filters
5. Check coils
6. Visually inspect for refrigerant leaks
7. Check operating conditions and adjust as required

Exceptions/Clarifications:

- None



Service Program 14 – Steam Boilers

Daikin Applied will perform the following procedures:

Annual Inspection

1. Inspect fireside of boiler and record condition
2. Brush and vacuum soot and dirt from flues and combustion chamber
3. Inspect firebrick and refractory for defects
4. Visually inspect boiler pressure vessel for possible leaks and record condition
5. Drain and flush water side of boiler to remove loose scales and sludge and record condition
6. Disassemble, inspect, and clean low-water cutoff
7. Check hand valves and automatic feed equipment and adjust as required
8. Inspect, clean, and lubricate the burner and combustion control equipment
9. Reassemble and fill boiler and fire burner to boil off oxygen
10. Check burner sequence of operation and combustion-air equipment
11. Check fuel piping for leaks and proper support

Seasonal Startup

1. Review manufacturer's recommendations for boiler and burner startup
2. Check fuel supply
3. Check auxiliary equipment operation
4. Inspect burner, boiler and controls prior to startup
5. Start burner, check operating controls, test safety controls and pressure-relief valve
6. Perform combustion tests and adjust burner for maximum efficiency
7. Log all operating conditions
8. Review operating procedures and owner's log with boiler operator

Operational Inspection

1. Review owner's log and log all operating conditions
2. Inspect boiler and burner and make adjustments as required
3. Test low-water cut-off and pressure-relief valve
4. Check operating and safety controls
5. Review boiler operation with boiler operator

Seasonal Shut Down

1. Review owner's log and log all operating conditions
2. Shut off burner and open electrical disconnect
3. Close fuel supply valves
4. Thoroughly blow down boiler
5. Review boiler operation with boiler operator

Exceptions/Clarifications

- None



Service Program 15 – Hot Water Boilers

Daikin Applied will perform the following procedures:

Annual Inspection

1. Inspect fireside of boiler and record condition
2. Brush and vacuum soot and dirt from flues and combustion chamber
3. Inspect firebrick and refractory for defects
4. Visually inspect boiler pressure vessel for possible leaks and record condition
5. Disassemble, inspect, and clean low-water cutoff
6. Check hand valves and automatic feed equipment and adjust as required
7. Inspect, clean, and lubricate the burner and combustion control equipment
8. Reassemble boiler
9. Check burner sequence of operation and combustion air equipment
10. Check fuel piping for leaks and proper support

Seasonal Startup

1. Review manufacturer's recommendations for boiler and burner startup
2. Check fuel supply
3. Check auxiliary equipment operation
4. Inspect burner, boiler, and controls prior to startup
5. Start burner, check operating controls, and test safety controls and pressure-relief valve
6. Perform combustion tests and adjust burner for maximum efficiency
7. Log all operating conditions
8. Review operating procedures and owner's log with boiler operator

Operational Inspection

1. Review owner's log and log all operating conditions
2. Inspect boiler and burner and make adjustments as required
3. Test low-water cut-off and pressure-relief valve
4. Check operating and safety controls
5. Review boiler operation with boiler operator

Seasonal Shut Down

1. Review owner's log. Log all operating conditions
2. Shut off burner and open electrical disconnect
3. Close fuel supply valves
4. Review boiler operation with boiler operator

Exceptions/Clarifications

- None



Service Program 16 – Predictive Maintenance

Daikin Applied will perform the following procedures:

Spectrochemical Oil Analysis: 0 Oil Analysis(es) will be performed annually

Parameters Tested	Results
Metals	Diagnosis
Moisture	Trends
Acid Number	Recommendations

Refrigerant Analysis: 0 Refrigerant Analysis(es) will be performed annually

Parameters Tested	Results
High Boiling Residue	Diagnosis
Acid Number	Trends
Moisture Content	Recommendations

Eddy Current Tube Analysis: 0 Eddy Current Analysis(es) will be performed annually
▪ Or is available on a quoted basis

Parameters Tested	Results
Corrosion	Verbal Report
Support Water	Written Report
Freeze Bulges	Charts/Diagrams
Split Fins	Recommendations
Leakers	
Pitting	

Vibration Analysis: 0 Vibration Analysis(es) will be performed annually

Parameters Tested	Results
Measure Horizontal Deflections	Report
Measure Vertical Deflections	Trends
Measures Axial Deflections	Recommendations
Establish Baseline	

Lithium Bromide Analysis: 0 Lithium Bromide Analysis(es) will be performed annually

Parameters Tested	Results
Metals	Diagnosis
Lithium Bromide %	Trends
Lithium Hydroxide	Recommendations
Inhibitor	Chemical Additions
Ammonia %	
Alcohol Additive	
Foaming Test	
Foreign Contamination	

Refrigerant Water Analysis: 0 Refrigerant Water Analysis(es) will be performed annually

Parameters Tested	Results
Lithium Bromide Content	Diagnosis
Alkalinity	Trends
Inhibitor By-Product	Recommendations
N Factor	

Glycol Analysis: 0 Glycol Analysis(es) will be performed annually

**Parameters Tested**

Color
Glycol Content
Freezing Point
Suspended Solids
Reserve Alkalinity
Acid Number

Results

Diagnosis
Trends
Recommendations

Flue Gas Analysis: 0 Flue Gas Analysis(es) will be performed annually

Parameters Tested

CO₂ Content
O₂ Content
Stack Temperature

Results

Diagnosis
Trends
Recommendations

Exceptions

- None



Service Program 17 – Vane Axial Fans

Daikin Applied will perform the following procedures:

Inspection

1. Inspect inlet bells and screens, discharge flanges, fan supports, and braces for defects
2. Remove, clean, and inspect all rotor blades for wear (blade removal not required on Joy fans)
3. Inspect thrust bearing on each blade
4. Remove spider or hub and clean
5. Reassemble fan rotor and torque properly
6. Check blade pitch
7. Inspect linkages for proper operation and defects
8. Check motor mounting bolts - torque per specification
9. Verify correct lubricants recommended by manufacturer
10. Install grease zerts where applicable
11. Clean grease inlet areas to prevent grease contamination
12. Lubricate motor bearings
13. Grease blade shaft bearings
14. Grease spider hub sliding joint; joy fans - open pressure relief ports
15. Lubricate blade links and inspect for binding
16. Lubricate pillow block bearing where applicable
17. Check starter contacts
18. Check all electrical connections for looseness and overheating
19. Check voltages on all phases of starter and record values
20. Check motor amps on each phase for balance and correctness at full pitch and record values
21. Meg motor windings and record values
22. Check for air leaks
23. Check control air and actuator air pressures
24. Calibrate pitch controller and verify there is no hunting
25. Check time delay on start-up
26. Perform electronic-vibration analysis of both axes (this does not include cost of extensive balancing)

Exceptions/Clarifications

- None



Service Program 19 – Inspection and Conversion

Daikin Applied will perform the following procedures:

Leak Testing/Repair

1. Test chiller and related equipment for refrigerant leakage
2. Identify and locate leaks
3. Recommend corrective procedures
4. Repair leaks if equipment covered under a comprehensive agreement

Recover/Retain/Recycle

1. Recover and recycle refrigerant from chiller as necessary
2. Identify type(s) of refrigerant and amount(s) recycled
3. Replenish refrigerant in chiller as needed, if inspected and leaks repaired
4. Identify type(s) of refrigerant and amount(s) required
5. Reclaim refrigerant from equipment
6. Identify type(s) and amount(s) of refrigerant reclaimed
7. Verify date(s) tested, distillation vendor, and date(s) shipped and returned

Disposal

1. Dispose of refrigerant
2. Identify type(s) and amount(s) of disposed refrigerant
3. Verify date(s) tested, disposal vendor, and date(s) shipped
4. Obtain necessary federal, state, and local authorization for transport and disposal of refrigerant.
 - Refrigerant Coverage by: ☐ Daikin Applied ☐ Customer

Exceptions/Clarifications

- Refrigerant coverage – R134a – 100%
- R-11, R-12, R-500 – (CFC) – not covered under this agreement
- R-22 – 100 percent



Service Program 20 – Screw Chillers

Daikin Applied will perform the following procedures:

Annual Inspection

1. Inspect for refrigerant and oil leaks
2. Inspect vibration eliminators and water piping for leaks
3. Check freeze protection, evaporator, and piping heaters, glycol content
4. Check and blow down water piping strainers
5. Check refrigerant in sightglass
6. Check compressor-oil presence in sightglass, if applicable
7. Inspect and tighten electrical connections
8. Check relays and operating/safety controls
9. Check crankcase heater operation
10. Meg hermetic motor
11. Check operation of electronic expansion valve
12. Perform MicroTech check, log, and last fault analysis, and analyze performance
13. Check condenser coils, clean debris from around condenser, Model ALS/AGS air cooled units
14. Check condenser fan operation, Model ALS air-cooled units
15. Check condenser water flow, Model PFS water-cooled units

Operating Inspection

1. Inspect for refrigerant and oil leaks
2. Inspect vibration eliminators and inspect water piping for leaks
3. Check and blow down water piping strainers
4. Check refrigerant in sightglass
5. Check compressor oil presence in sightglass, if applicable
6. Inspect and tighten electrical connections
7. Check relays and operating/safety controls
8. Check crankcase heater operation
9. Perform MicroTech check, log, and last fault analysis, and analyze performance
10. Check condenser coils, clean debris from around condenser, Model ALS air-cooled units
11. Check condenser water flow, Model PFS water-cooled units
12. Take and record water side pressure drops across vessels

First Year Maintenance

1. One operational inspection during the cooling season plus one inspection as detailed in items 2-16
2. Inspect for refrigerant and oil leaks
3. Inspect vibration eliminators and water piping for leaks
4. Check freeze protection, evaporator, and piping heaters, glycol content
5. Check and blow down water piping strainers
6. Check refrigerant in sightglass
7. Check compressor oil presence in sightglass, if applicable
8. Inspect and tighten electrical connections
9. Check relays and operating/safety controls
10. Check crankcase heater operation
11. Meg hermetic motor
12. Check operation of electronic expansion valve
13. Perform MicroTech check, log, and last fault analysis, and analysis performance
14. Check and clean condenser coils, Model ALS air-cooled units
15. Check and clean condenser fans, Model ALS air-cooled units
16. Manually clean water side of condenser, Model PFS water cooled units
 - Head(s) to be removed by: ☐ Daikin Applied ☐ Customer

Exceptions/Clarifications

- None



Service Program 21 – Magnetic Bearing Chillers

Daikin Applied will perform the following procedures:

Annual Inspection

1. Test for refrigerant leaks including relief valve piping outlets
2. Inspect and tighten electrical connections in power panels and control panel
3. Apply dielectric grease to applicable terminals
4. Measure and record main supply voltages
5. Measure and record magnetic bearings coil resistance if applicable
6. Check relays, operating, and safety controls
7. Check flow switch operation
8. Check vane control operation
9. Check Electronic Expansion Valve operation
10. Perform MicroTech II or MicroTech E check, log, and last fault analysis, analyze performance
11. Measure and record water side pressure drops across vessels and compare to design
12. Inspect vibration eliminators and inspect water piping for leaks at chiller and cooling tower
13. Clean (flush) condenser water strainer(s)
14. Check minimum and normal temperature or lift control operation for tower fans and bypass valve
15. Clean external surfaces (painting external surfaces for Comprehensive Maintenance Agreements as determined necessary by Daikin Applied)
16. Log operating conditions
17. Review operating procedures with chiller operator.
18. Optional Tube services included:
 - ☐ Manually brush water side of condenser tubes
 - ☐ Chemical clean water side of condenser tubes
 - ☐ Manually brush water side of evaporator tubes
 - ☐ Chemical clean water side of evaporator tubes
 - ☐ Head(s) to be removed by: ☐ Daikin Applied ☐ Customer

Operating Inspection

1. Review owner's log for trends
2. Inspect chiller for leaks
3. Check relays, operating, and safety controls settings
4. Inspect power panels and control panel
5. Measure and record main supply voltages
6. Perform MicroTech II or MicroTech E check, log, and last fault analysis
7. Review compressor event and fault logs
8. Record unusual noises and vibrations
9. Log operating conditions
10. Review chiller (s) operation with the operator

Exceptions/Clarifications:

- Brush clean condenser tubes to be performed by Daikin Applied



Service Program 24 – D-Net Performance Services

Daikin Applied will perform the following procedures:

Plan options for D-Net™ Remote Services

- ☐ Wired (LAN connection)*
- ☐ Wireless (modem connection)

* Requires customer supplied internet connection (two way communication).

Inspections

During normal working hours Daikin Applied shall provide ___ on-site inspections for all equipment listed on the Equipment Schedule on page 3 and ___ remote inspections for all D-Net communicating equipment listed in Table 1 below, unless otherwise noted.

1. Daikin Applied agrees to:

- a) For all agreements that include D-Net Remote Services (Remote Monitoring and/or Performance Monitoring), Daikin Applied also agrees to:
- b) Advise the owner in writing of the D-Net remote communications hardware (D-Net Performance Services Communication Hardware List, Table 2), to be installed and the location thereof.
- c) Utilize the D-Net remote communications capabilities to facilitate the speed and efficiency of providing the services described herein for the equipment indicated as "D-Net included". Remote communications access may include but not be limited to: view equipment operating parameters, receive alarms, harvest operating data, and recommend and/or perform service operations that can be done via remote communications.
- d) Remove and recover D-Net hardware that was installed in order to enable D-Net Remote Services and remains the property of Daikin Applied within 30 days of any written cancellation of this agreement.

2. Customer agrees to:

- a) For all agreements that include D-Net Remote Services, Customer also agrees to:
- b) Allow Daikin Applied to link all equipment as noted herein to be remotely serviced or monitored and install and commission D-Net hardware to enable Internet communications to the equipment. All communications equipment provided by Daikin Applied including Applied Local Control panels, routers, modems, and/or Advanced Web Modules shall be labeled "Property of Daikin Applied" and shall remain the property of Daikin Applied.
- c) Allow Daikin Applied to utilize D-Net remote support capabilities to address operational issues, reset alarms, and/or modify a unit's operating parameters to the extent appropriate for remote support for maintenance and repair.
- d) Should Internet communications be lost, allow Daikin Applied access to above communications equipment in a timely manner during normal working hours.
- e) Allow Daikin Applied to access the site within 30 days of any written cancellation of this agreement to remove and recover D-Net hardware that was installed in order to enable D-Net Remote Services and remains the property of Daikin Applied.
- f) Customer agrees that all requests for service must be requested through established means. Daikin Applied will not initiate a service call or respond on-site or via remote D-Net capabilities without appropriate customer communication. However, Daikin Applied may notify the customer of an alarm/issue that the customer may not yet be aware and request if a remote or on-site response is desired.

Customer Acceptance:

☐ Accept: I agree to Daikin Applied's Terms and Conditions for D-Net Performance Services support as described herein.

☐ Conditional Acceptance: I agree to accept Daikin Applied's D-Net Performance Services with the condition that any repairs to operational issues, resetting of alarms, and/or modifying of unit operating



parameters are done on-site, not remotely. I understand that this may limit Daikin Applied's ability to respond and resolve issues quickly.

Table 1: D-Net Performance Services Equipment Schedule

D-Net Hardware (Model/SN)	Location Installed	Date Installed	Date Removed

Table 2: D-Net Performance Services Communication Hardware List

D-Net Hardware (Model/SN)	Location Installed	Date Installed	Date Removed

Exceptions/Clarifications

- None



Contingency Planning



Are you prepared for operational disruptions to your HVAC system?

Make sure you are ready when the unexpected happens

From natural disasters to everyday mechanical failures, all facilities face some level of risk due to loss of cooling in their facilities. A failure could result in anything from minor discomfort due to lack of temperature control to losing hundreds of thousands of dollars due to lost productivity. Knowing what you have at risk can help you decide the level of planning that is warranted.

Many companies work diligently to make sure their facilities have proper evacuation and safety plans. However, few think about what it will take to get the facility back up and running if something were to happen to their mechanical systems.

Let us develop a Contingency Plan for you. We will walk you through the steps to determine the financial risks associated with losing control of your indoor environment. When it comes to emergencies, we all understand the importance of having a plan and practicing it. These practices help us react quickly during stressful times and are designed to help protect your most valuable assets.



Plan Layout

Financial risk analysis

Risk assesment

Equipment identification

Prioritization

System connection

Power availability

Electrical connection

Temporary equipment location

Plan creation

Implement and review

Solutions from people & ideas you can trust.

Program benefits

With a contingency plan, you gain control and peace of mind knowing that your facility is prepared to operate through any disaster and be back up and running quickly. Disruptions can occur at any time. Having a plan and being prepared in advance can reduce the risk of financial loss by:

- Shortening the time needed to acquire, install and start up HVAC equipment. In addition, having the paperwork completed in advance further reduces delivery time.
- Ensuring that all parties involved in dealing with the outage are aware of their roles and are trained in the processes and actions needed to deal with the problem.
- Lowering the total cost of the temporary solutions because any necessary building modifications can be scheduled, instead of being performed under emergency conditions.
- Reducing startup delays caused by oversights or problems resulting from improvised designs.
- Improving a facility's operations by identifying critical infrastructure that must be maintained.

Laying out your Plan

Step 1 – Financial risk analysis

The contingency process begins with a review of the different functional areas of your facility, their dependence on power, HVAC equipment, and the impact a loss could potentially have. By understanding the importance of these items to your operations and quantifying their financial impact, we can determine the areas that need to be considered.

Step 2 – Risk assessment

We will identify the potential causes for an interruption and rank them based on cost impact, probability of occurrence and system downtime.

Step 3 – Equipment identification

Your Daikin Applied Representative will work with you to document all equipment in your HVAC and power systems, including their operating conditions. This process may uncover system weaknesses that need to be addressed prior to implementation of the plan.

Step 4 – Prioritization

We will evaluate your most critical facility loads and process needs for essential operations, including those with the highest financial implications for your business. At this point, you may

want to consider load prioritization and/or load shedding to reduce the amount of capacity required. For a short period of time, you may be able to operate with higher air temperatures in certain areas and completely shut down others.

Step 5 – System connection

How and where connections are made helps reduce time and money. Care will be taken to choose a location that is easily accessible and that requires the least amount of temporary installation material to keep additional costs to a minimum.

Step 6 – Power availability

The need to document the available voltage(s) and amperage is vital because a transformer or generator may be required. Even if your power has not been affected, some temporary units may require more power than your existing equipment uses.

Step 7 – Electrical connection

Whether existing electrical service is adequate or new electrical service will be installed, we will establish the location of the temporary electrical connection(s) and how they will be made.

Step 8 – Temporary equipment location

Equipment location is important for determining how much electrical cable, and chilled water hose will be required. We will also consider safety of the public and personnel, security, ease of placement, equipment clearances, structural loads, ground firmness and level, noise, public visibility, auto and pedestrian traffic, permits, and many other things to minimize the impact on normal operations.

Step 9 – Plan creation

Your Daikin Representative will provide your organization with a plan proposal. Included in the proposal are the recommended temporary equipment solutions, the total investment required (both capital and expense), budgetary figures for the temporary solutions (including first and recurring costs), and detailed roles and responsibilities for internal and external resources.

Step 10 – Implement and review

To help expedite the ordering and delivery of a temporary system, in an emergency situation, it is important to make sure that all documents, such as purchase orders and rental agreements, are completed, and all recommended building modifications are made. We also recommend that the plan be reviewed at least once a year, or when any facility changes are made.

For more information about our complete line of Parts and Service, contact your local Daikin Applied Service or visit www.DaikinApplied.com to find an office near you.



Contingency Planning for Schools



You have enough to deal with when things are going right.

"The Plan"

Having a contingency plan is more than making a list of the equipment that you need to rent until your system is able to get back on line. It is preparing your facility to be rental-ready. Identifying the risks and making certain that the appropriate connections are in place so temporary cooling can be connected quickly, this is essential to having a complete contingency plan.

Daikin Rental Solutions has created a program that helps educational institutions develop contingency plans for their critical HVAC systems. This entails an evaluation of the school's cooling and power systems to identify potential sources of failure. The next step is developing a blueprint to show where the connections are made, where the equipment goes, and how to get it there.

If temporary cooling equipment is required, the plan can be commissioned at a moment's notice. The goal is to minimize downtime and reduce the risk of financial loss and educational services disruption due to a loss of your facility's HVAC system.



Plan Layout

Financial risk analysis

Risk assesment

Equipment identification

Prioritization

System connection

Power availability

Electrical connection

Temporary equipment location

Plan creation

Implement and review

Solutions from people & ideas you can trust.

Knowing your risk

Many aspects of facility management can be handled proactively through proper design and ongoing maintenance. In times when the unexpected occurs, such as natural disasters, mechanical failures, power outages, and or fire can leave your facility in an unexpected outage situation.

The outage can cause:

- A classroom environment that is difficult to learn in
- Loss of instructional days
- Damage to classroom equipment and supplies
- An extended school year

Being able to respond quickly and get your HVAC system working can make all the difference. With the proper plan in place, you can significantly reduce the time it takes to get your school back up and running. With a predetermined contingency plan, help is just a phone call away. Daikin Applied is ready to respond 24/7/365 to get you back up and running as soon as possible.

Responses beyond emergencies

Daikin Applied can provide rental chillers when you need extra cooling during peak season, when you want redundancy, to supply cooling during planned maintenance, or to make it possible for your facility to maintain full cooling capabilities during retrofit, renovation, or replacement of older equipment.

Services beyond rental

Daikin Applied, as part of the #1 global air conditioning company, understands the importance of providing world class HVAC service, support, and solutions for customers. Daikin Applied has the expertise to evaluate and recommend system upgrades that modernize your existing building within the scope of the Leadership in Energy and Environment Design (LEED) program. Our technicians optimize your current HVAC system to get the most efficient system possible to provide you with energy savings.

Equipment replacement

Old, inefficient equipment can be replaced with new technology that offers significantly reduced operating costs. Engineered turnkey assessments and solutions provide the most efficient cost savings equipment or system upgrade, installed seamlessly to get you running efficiently and saving money.

Get your customer plan today

Daikin Applied has a solution for you. To start preparing your contingency plan, or to learn more about available services call 1-800-432-1342. For more information on our complete product lines, visit www.DaikinApplied.com or to find an office near you.



For more information about our complete line of Parts and Service, contact your local Daikin Applied Service or visit www.DaikinApplied.com to find an office near you.



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April 1, 2024

Mr. Brian Bayard
Daikin Applied Americas Inc.
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RE: Daikin Applied Americas Inc.
Experience Modification Factor

Dear Brian:

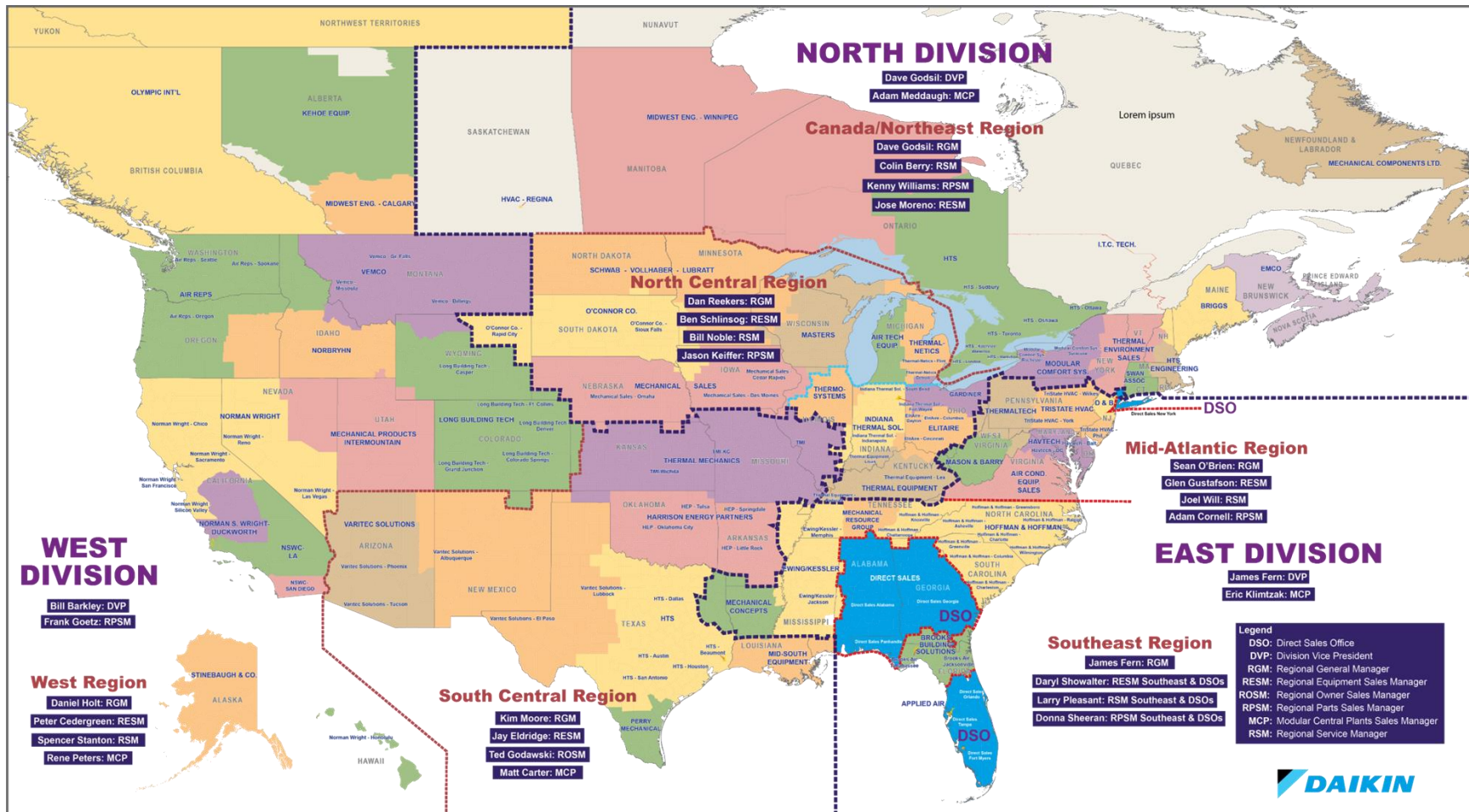
The interstate experience modification factor as calculated by the National Council on Compensation Insurance, Inc. (NCCI) for Daikin Holdings America, Inc. for the past three years is as follows:

Effective Date	Interstate Experience Modification Factor
4/01/2022	.78
4/01/2023	.70
4/01/2024	.66

If you have any questions, please call me at 502 303-3209 or email at geeann.missi@marsh.com.

Sincerely,

GeeAnn Missi



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