Ansonia Public Schools

Request for Qualifications & Proposals

Professional Engineering and Testing, Adjusting and Balancing (TAB) Services to Satisfy Connecticut's Indoor Air Quality (IAQ) Testing Requirements and HVAC Systems Assessment

NOVEMBER 9, 2026

Erich Marriot
Business Manager

Legal Notice

ANSONIA PUBLIC SCHOOLS
Office of the Business Manager
42 Grove Street Ansonia, CT 06401
(203) 736-5095

REQUEST FOR QUALIFICATIONS & PROPOSALS

Notice is hereby given that Qualifications and Proposals for

Professional Engineering and Testing, Adjusting and Balancing (TAB) Services to Satisfy Connecticut's Indoor Air Quality (IAQ) Testing Requirements and HVAC Systems Assessments for Ansonia Public Schools

Qualification Statements and proposals will be received in the Business Manager's Office until **Wednesday, December 9, 2026 @ 3:00 PM**.

Responses will be evaluated and respondents may be requested to provide a presentation of their proposed services.

A mandatory pre-bid meeting will be held on Thursday, November 19 2026 @ at 3:30 PM at the Prendergast school 59 Finny Street Ansonia, CT 06401

RFQ/RFP information and any Addenda may be downloaded at **www.cityofansonia.com**

It is the respondents responsibility to ensure that they have current information, including any addenda prior to submitting a Response.

Ansonia Public Schools is not responsible for data or transmission errors.

Ansonia Pubic Schools reserves the right to reject any and all Responses or any part thereof, or to waive defects in same, or to accept any Response deemed to be in the best interests of the Ansonia Pubic Schools.

Erich Marriot
Business Manager

Ansonia Pubic Schools

Request for Qualifications & Proposals

Professional engineering and Testing, Adjusting and Balancing (TAB) services to satisfy Connecticut's Indoor Air Quality (IAQ) testing requirements and HVAC systems assessments for Ansonia Public Schools

1. GENERAL INSTRUCTIONS

GENERAL

The Ansonia Pubic Schools on behalf of Ansonia Public Schools (hereinafter referred to as "APS) seeks to hire a professional engineering firm to provide Testing, Adjusting and Balancing (TAB) services and HVAC systems assessments to satisfy Connecticut's Indoor Air Quality (IAQ) testing requirements at the Prendergast school, 59 Finny Street Ansonia, CT.

PREPARATION OF RESPONSES

1. One (1) original and four (4) exact copies of the responses and one (1) scanned PDF copy on a CD or flash drive must be received no later than **3:00 p.m. on Wednesday, December 9 , 2026**. All responses should be submitted in a clear, concise and legible manner to permit proper evaluation and shall include the Qualification Statement contained herein.

2. Respondents may also submit, under separate cover with their response, any additional reports and documents that are necessary to meet the requirements (deliverables) of this RFQ/RFP.

3. All costs incurred in the preparation and presentation of the qualifications/proposals shall be wholly absorbed by the respondent.

PART I - RESPONSE SUBMISSION - QUALIFICATIONS

1. All respondents must provide a thorough and complete package responding to the specific criteria stated here, except where noted otherwise, and submit them to:

Erich Marriot,
Business Manager
42 Grove Street
Ansonia, CT 06401

Mark package as follows: Engineering and TAB Services - CT IAQ Testing and HVAC Systems Assessments for Ansonia Public Schools.

2. Responses must be signed by an authorized principal or agent and the person signing the formal response must be authorized by the organization to contractually bind that organization with regard to price and related contractual obligations. Unsigned responses shall not be considered.

3. A response may be withdrawn at any time prior to the above scheduled date. A response received after the above scheduled date and time shall not be considered or opened.

PART II - RESPONSE SUBMISSION - PROPOSALS

1. In addition to the Qualifications package, each respondent must include two (2) original fee proposals with their response. The Proposal must be on the prescribed form provided herein and placed in a **sealed envelope** marked with the following:

FEE PROPOSAL - Engineering and TAB Services - CT IAQ Testing and HVAC Systems Assessments for Ansonia Public Schools

2. Proposals must be signed by an authorized principal or agent and the person signing the formal response must be authorized by the organization to contractually bind that organization with regard to price and related contractual obligations. Unsigned proposals shall not be considered.

3. A proposal may be withdrawn at any time prior to the above scheduled date. A proposal received after the above scheduled date and time shall not be considered or opened.

4. All costs incurred in the preparation of the proposal shall be wholly absorbed by the proposer.

MANDATORY PRE-BID MEETING

A **mandatory** pre-bid meeting will be held on Thursday**, November 19, 2026, 3:30 PM** at the Prendergast Scool 59 Finny Street Ansonia, CT 06401.

Submissions from firms that do not attend the mandatory pre-bid meeting will not be opened. Attendance will be taken and only those present will be allowed to submit a proposal for this RFP/RFQ.

INQUIRIES

All inquiries regarding this RFQ/RFP may be submitted **in writing by email ONLY** up to **close of business on Friday, November 27, 2026** after which time no additional questions will be accepted. Questions shall be directed to Erich Marriot, Business Manager, **in writing by email ONLY to** emarriot@ansonia.org .

To ensure consistent interpretation of certain items, answers to questions will be posted on the City of Ansonia website at **www.cityofansonia.com** as soon as possible but no later than **Thursday, December 3, 2026**.

Respondents or affiliated members are warned not to contact any Board of Education members or Ansonia Public Schools staff in relation to this RFQ/RFP or this project throughout the selection process. Any communication may be considered cause for disqualification of the offending firm.

All proposers are obligated to become familiar with such questions and answers and to submit or revise their proposals accordingly. APS assumes no responsibility for a proposer's failure to read questions and answers and to revise their proposal accordingly.
After proposals are received, APS reserves the right to communicate with any or all of the proposers to clarify the provisions of this RFQ/RFP. APS further reserves the right to request additional information at any time after proposals are opened.

KEY DATES	**TIME**	**Event**
Monday, November 9, 2026	TBD	RFQ/RFP Issued
Thursday, November 19, 2026	3:30 PM	Mandatory Pre-Bid Meeting
Friday, November 27, 2026	4:00 PM	Deadline to submit RFI
Thursday, December 3, 2026	TBD	Response to RFI to be Issued
Wednesday, December 9, 2026	3:00 PM	Deadline for Proposal submittal

ADDENDUMS

All addendums will be posted on the City of Ansonia website at **www.cityofansonia.com.** It is the responsibility of all proposal submitters to verify with the APS if there are any addendums or changes to this RFQ/RFP. Failure to submit a proposal that does not address any changes or addendums may result in a disqualification of such bid submission.

OWNER OPTIONS

Ansonia Public Schools reserves the right to alter or revoke this RFQ/RFP at any time. The owner further reserves the right to reject any or all proposals, to waive any requirements, irregularities, informalities, technical defects or service in the proposals received and to accept only those proposals deemed by the owner to be in its best interests.

TAXES

All purchases made by Ansonia Public Schools, and associated with this RFQ/RFP shall be tax exempt. Any taxes must not be included in response prices. A Tax Exemption Certificate will be furnished upon request.

ASSIGNMENT OF RIGHTS, TITLES AND INTERESTS

Any assignment or subcontracting of work to be performed related to this RFQ/RFP , in whole or in part, and any other interest in conjunction with this procurement shall not be permitted without the express written consent of the Owner.

HOLD HARMLESS CLAUSE

Any contractor or subcontractor of Ansonia Public Schools agrees to indemnify, hold harmless and defend the Ansonia Public Schools from and against any and all liability for loss, damage or expense which the Ansonia Public Schools may suffer or for which the Ansonia Public Schools may be held liable by reason of injury, including death, to any person or damage to any property arising out of or in any manner connected with the operations to be performed under this RFQ/RFP and subsequent Contract, whether or not due in whole or in part of any act, omission or negligence of the Ansonia Public Schools or any of its representatives or employees.

WORK REGULATIONS AND STANDARDS

All work activities performed in association with this RFQ/RFP must be performed and completed for the Ansonia Public Schools in accordance with current Federal, State and Local labor regulations. All services performed shall also conform to the latest OSHA standards and/or regulations.

REFERENCES AND KEY PERSONNEL

Responders shall submit references as requested on attached forms contained herein.

2. SCOPE OF SERVICES

PROJECT DESCRIPTION

It is important to note that all school spaces must remain functional for education and extracurricular activities to the fullest extent possible during the work of the successful firm. A copy of the school calendar is attached for information

Notice of award is anticipated in late December, 2026 or January, 2027. The project must be **completed and all reports submitted to Ansonia Public Schools no later than June 15, 2027.**

Engineering, TAB and HVAC System Assessment Services

All services included in the scope and the project description will be performed and completed at the following school building:

School	Address	Current Sq. Ft.
John G. Prendergast School	59 Finny Street	82,278

The Scope of Services is based on language and requirements, some of which is taken directly from the legislative text and is broken into three (3) phases of the process.

Extensive knowledge and understanding of the Connecticut State Statutes (CGS § 10-231e, CGS § 10-220(d), and Public Act 23-167), that codify the requirements for school districts regarding Indoor Air Quality testing and HVAC systems assessment, is essential and must be demonstrated by proposing firms.

Phase 1- Ventilation Verification Assessment Phase

A uniform inspection and evaluation of the heating, ventilation, and air conditioning system within the school.

Phase 1 shall include:

- Testing for maximum filtration efficiency.
- Physical measurements of outside air delivery rate.
- Verification of the appropriate condition and operation of ventilation components.
- Measurement of air distribution through all system inlets and outlets.
- Verification of unit operation and that required maintenance has been performed in accordance with the most recent ASHRAE indoor ventilation standards.
- Verification of control sequences.
- Verification of carbon dioxide sensors and acceptable carbon dioxide concentrations indoors.
- Collection of field data for the installation of mechanical ventilation if none exists.
- A written report including ventilation rates for each occupied area.

Phase 2- Reporting Phase

Issue a report in the format that satisfies all State of Connecticut requirements including, but not limited to, a listing of all corrective actions necessary to be performed to the mechanical ventilation system or the heating, ventilation, and air conditioning infrastructure to achieve compliance with current ventilation standards.

Phase 2 shall include:

- A review of the data collected in the ventilation verification report and determination to what extent the systems are providing appropriate ventilation to the building.
- Recommendation for installation of filters meeting the most optimal level of filtration.
- Recommendation for the installation of carbon dioxide sensors.
- Recommendation for any additional maintenance or repairs required.
- Recommendation for any additional upgrades or equipment replacement.

Note: For Phases 1 and 2 it will be required of the prospective firm to have the ability to transfer information electronically. APS prefers a web based portal but a drop box is sufficient. Proposers must indicate what means they will use for transfer of information in their Qualification package.

FEE PROPOSAL INFORMATION / LOGISTICS / REQUIREMENTS

1. Proposing firms are requested to submit fee proposals in a sealed envelope marked as specified herein. Scope of Services should be based on those identified in this RFQ/RFP.

2. Proposed fees for all services enumerated herein shall be in the form of a **fixed lump sum total.**

3. Ansonia Public Sschools will have an allowance and pay for reasonable costs of support that may be required from our Controls vendor. **DO NOT INCLUDE THE COST OF CONTROLS VENDOR SUPPORT ON PROPOSALS.**

4. Also include a separate estimate of reimbursables. The only reimbursable expenses that will be considered are approved out-of-state travel associated with the project, overnight mailings and printing costs requested specifically for the clients/local state agencies use.

5. Please provide two (2) original copies of the fee proposal in an envelope marked with the following:

   FEE PROPOSAL - Engineering and TAB Services - CT IAQ Testing and HVAC Systems Assessments for Ansonia Public Schools

6. In addition to the fixed lump sum fee and Reimbursable Expense estimate, include hourly billing rates to be used when invoicing any additional services. Rates for each of the applicable job classification listed below and any other appropriate classifications are to be provided. Secretarial services should be included within these hourly billing rates. Include rates for all consultants.

   - Principal
   - Associate
   - Project Manager
   - Project Specialist
   - Project Engineer
   - Designer
   - Technician
   - Drafter
   - Administrative Assistant
   - Billing rates for consultants shall be provided as well.

3. GENERAL REQUIREMENTS

SUBMISSION OF QUALIFICATION STATEMENTS

The qualification statement **must** be organized in the following format and include the following information (missing or incomplete information may be grounds for disqualification). APS reserves the right to waive any irregularity if it deems such waiver to be in the best interest of APS. Please organize your response in the **tabbed sections as follows in this order:**

1. **Letter of interest**

2. **Company Information** – firm profile/overview

3. **Relevant Knowledge, Understanding and Practice – CT's IAQ Testing, TAB and HVAC Assessments** - Provide a description of the firm's knowledge, understanding and practice of the Statutes and Regulations requiring IAQ testing and HVAC system assessments in CT schools including, but not limited to, CGS § 10-231e, CGS § 10-220(d), and Public Act 23-167, etc.. similar projects for which the firm has provided similar services. The description of each project should include pertinent information such as the project type, size, scope of work performed, dates of services and any other pertinent features.

4. **Relevant Experience** – Please list at least three (3) projects that your firm worked on or is currently working on that meets the same or similar scope as this project, specifically, IAQ testing, TAB and HVAC system assessments that satisfy the requirements of Connecticut Statutes, including, but not limited to, CGS § 10-231e, CGS § 10-220(d), and Public Act 23-167, etc.. Please list the client or agency, size, scope, cost and dates of each of the projects.

5. **Team Organization –** Provide an organization chart of the proposed team. Please note any services that will not be provided in-house. If Consultants are to be proposed for use in response to this RFQ/RFP, please provide background information in Tab Section 6. Named consultants may not be changed without prior notice and approval of substitution.

6. **Experience of Key Personnel** - Provide resumes of the key personnel (including consultants) who will be directly involved in the project.

7. **Sub-consultant Information** – Provide a firm profile/overview for each proposed sub-consultant. Named consultants may not be changed without prior notice and approval of substitution.

8. **References -** List no less than five (5) client references (name, address, email address, telephone number and affiliation to identified project) for whom services similar to this Request for Qualifications are currently or have previously been provided, as named in Tabbed Section 3 above for each project.

9. **Electronic Transfer of Information -** For Phases 1 and 2 it will be required of the prospective firm to have the ability to transfer information electronically. Ansonia Public schools prefers a web based portal but a drop box is sufficient. Proposers must indicate and describe what means they will use for transfer of information in their Qualifications package.

10. **Additional Information** - Please provide any other information that your firm believes would be important and pertinent to APS in its review.

The qualification document must not exceed 100 pages, excluding tabs.

METHOD OF SELECTION/CRITERIA

The firms will be evaluated on their qualifications using the following criteria**:**

1. Technical competence: The respondent should demonstrate knowledge, understanding and practice of the Statutes and Regulations requiring IAQ testing and HVAC system assessments in CT schools including, but not limited to, CGS § 10-231e, CGS § 10-220(d), and Public Act 23-167, etc.

2. Demonstrated experience working on similar scope as this project, specifically, IAQ testing, TAB and HVAC system assessments that satisfy the requirements of Connecticut Statutes, including, but not limited to, CGS § 10-231e, CGS § 10-220(d), and Public Act 23-167, etc.;

3. Must be properly insured and licensed to practice engineering and required services in the State of Connecticut;

4. Past record of performance on contracts with respect to such factors as schedule, cost control, work quality and cooperation with client;

5. Demonstrated presence of certified professionals on its staff who possess the knowledge, understanding and practice required for this project ;

6. Experience with other similar school districts in CT on projects of this size and scope;

7. Ability to perform this work in the specified timeframe;

8. Cost of services;

9. Method of Electronic Transfer of Information;

10. Strength of References.

Selection Process
Qualifications will be evaluated based on the experience and demonstrated abilities of the firms with respect to the above listed criteria. Respondents that best meet the needs of Ansonia Public Schools may be invited for an interview at the sole discretion of Ansonia Public Schools.

Ansonia Public Schools reserves the right to select the firm that best meets the needs of the school District and, in its sole judgment, is in the best interest of Ansonia Public Schools.

CONDITIONS OF THE RESPONSE

All respondents shall accept the conditions of this RFQ/RFP, including, but not limited to, the following:

1. All submissions shall become the property of the Ansonia Public Schools and will not be returned;

2. Late submissions and submissions from firms not attending the pre-bid meeting shall not be evaluated, nor shall the Ansonia Public Schools review submittals transmitted via facsimile or electronically;

3. Any restriction as to the use of response materials must be clearly indicated as proprietary. The requested limitation or prohibition of use or release shall be identified in writing on a cover sheet. Blanket claims of proprietary responses will not be honored;

4. Ansonia Public Schools reserves the right to reject any or all submissions on the basis of being non-responsive to this RFQ/RFP, or for failure to disclose requested information;

5. Ansonia Public Schools shall not be liable for any costs incurred by respondents in the preparation and submission of responses, interviews, nor in costs related to any element of the selection and contract negotiation process;

6. Ansonia Public Schools reserves the right, without invalidating response content, to request clarification of respondent information; and

7. Submissions shall remain valid for ninety (90) days from the date of submission or until a Contract is executed, whichever is later.

INSURANCE REQUIREMENTS

Successful respondents shall purchase and maintain insurance from companies licensed to write business in Connecticut, with an A.M. Best rating of no less than A VII or higher, and acceptable to the Ansonia Pubic Schools, of the kinds and minimum amounts specified below:

1. **Commercial General Liability**. Including coverage for independent contractor operations, contractual liability assumed under the provisions of this contract, products/completed operations liability and broad form property damage liability insurance coverage. Exclusions applicable to explosion, collapse and underground hazards are to be deleted when the work involves these exposures. The policy shall provide liability limits at least in the amount of $1,000,000 per occurrence, $2,000,000 aggregate, combined single limits applicable to claims due to bodily injury and/or property damage. The Ansonia Pubic Schools, its officers, officials, agents and employees shall be named as an additional insureds under this policy on a primary/non-contributory basis by endorsement;

2. **Automobile Liability Insurance**. Covering all owned, non-owned and hired vehicles, providing liability limits at least in the amount of $1,000,000 per occurrence, $2,000,000 aggregate, combined single limits applicable to claims due to bodily injury and/or property damage;

3. **Workers Compensation Insurance**. Covering all of the Successful Respondent's employees to be engaged in the work under this contract, providing the required statutory benefits under Connecticut Workers Compensation Law;

4. **Professional Liability Insurance**. Professional Liability or Errors and Omissions Liability Insurance appropriate to the profession shall be maintained in force for the duration of the contract. Coverage shall apply to liability for a professional error, act or omission arising out of the scope of services as defined by contract. Coverage shall be written to limits of not less than $5,000,000 per loss. If coverage is on a claims-made basis, Successful Respondent shall provide proof if retroactive date applicable to coverage under the policy precedes the effective date of the contract; and that continuous coverage will be maintained and/or an extended discovery period will be exercised for a period of three (3) years beginning from the time that work under the Contract is complete.

5. **Umbrella Liability**, Successful Respondent shall maintain Excess or Umbrella Liability Insurance with a limit of not less than $5,000,000, covering all lines of insurance required by this Contract;

6. **Certificates and Notice of Cancellation**. Prior to the signing of the Contract, Successful Respondent shall furnish APS with certificates of all required insurance, executed by a duly authorized representative of each insurer, showing compliance with the insurance requirements prior to commencing the work, and thereafter upon renewal or replacement of each certified coverage until all

operations under this Contract are deemed complete. Certificates shall indicate the type, amount, and class of operations covered, effective date and expiration date of all policies. Required insurance shall be maintained for a period of no less than three (3) years, unless a longer period is required by the contract, after final payment. An additional certificate(s) evidencing such coverage(s) shall be provided to the APS thereafter upon renewal or replacement of such insurance until the expiration of the period for which such insurance must be maintained.

Insurance required shall be written for not less than limits of liability specified herein or required by law, whichever coverage is greater. Coverage, whether written on a claims made or occurrence basis, shall be maintained without interruption from the date of commencement of the Work until date of final payment, and then extended for an additional three (3) years from date of final payment. Coverage afforded under the policies will not be canceled or allowed to expire until at least thirty (30) days' prior written notice has been given to the Ansonia Pubic Schools by the Successful Respondent.

The Certificates of Insurance shall name Ansonia Pubic Schools, its officers, officials, agents and employees as additional insureds, and shall be further evidenced by an actual endorsement furnished to the APS from the insurer prior to the signing of the Contract between the Successful Respondent and the APS. Any failure to comply with reporting requirements of the policies shall not affect coverage provided to the Ansonia Pubic Schools, its officers, officials, agents or employees.

7. **Deductibles and Self-Insured Retentions**. Any deductibles or self-insured retention must be declared to the APS. At the option of the APS, the Successful Respondent shall procure a bond guaranteeing payment of deductibles or
self-insured retentions;

8. **Subcontractors**. Successful Respondent shall include all subcontractors as insureds under its policies or shall furnish separate certificates for each subcontractor. All coverage for subcontractors shall be subject to all of the requirements stated herein. Commercial General Liability coverage shall include independent contractors' coverage, and the Successful Respondent shall be responsible for assuring that all subcontractors are properly insured. Successful Respondent and Ansonia Pubic Schools are independent contractors for the purposes of this agreement, and no employer/employee relationship exists between them; and

9. **Waiver of Subrogation.** Insurance policies, purchased as required above, shall be endorsed with a waiver of subrogation in favor of the Ansonia Pubic Schools, its officers, officials, agents and employees.

Successful Respondent will waive all rights of subrogation against the Ansonia Pubic Schools and all of their respective officers, officials, agents and employees, and covenants and agrees to furnish a copy of the insurance policy that meets all of the above requirements before any work or use of property commences.

4. COMPANY INFORMATION:

Name:_____

Address:_____

Phone Number:_____ Fax #:_____

Contact Name:_____ Email:_____

TYPE OF COMPANY:

☐ Corporation
☐ Joint Venture* ☐ Limited Liability Company ☐ Partnership
☐ Sole Proprietorship

If corporation, answer the following:
Date of Incorporation:_____
State of Incorporation:_____
Name of Officers:
President:_____
Vice President:_____
Secretary:_____
Treasurer:_____

If limited liability company, answer the following:
Date of Organization:_____
State of Organization:_____
Name(s) of Managing Member(s):_____
_____
Name(s) of Members:_____

If partnership, answer the following:
Date of Organization:_____
Jurisdiction Where Filed:_____
Type of Partnership (if applicable):_____
Names of General Partner(s):_____

If sole proprietor, answer the following:
Date of Organization:_____
Jurisdiction Where Trade Name is Filed:_____
Name of Owner(s):_____

*If a joint venture, provide a copy of the joint venture agreement. All parties shall submit Qualification Statement and history of each member of the joint venture.
Attached? ☐ Yes ☐ No

ORGANIZATION:

How many years has the respondent been in business? _____

How many years has respondent been in business under its present name? _____

Under what other or former names has the respondent operated?

_____

_____

Tax Identification Numbers:
Connecticut State Tax ID#: _____
Federal Tax ID#: _____

Number of Employees:
Office _____ Field _____ Shop _____

List jurisdictions and trade categories in which the respondent is legally qualified to do business, including license type and number.

_____

_____

_____

If there have been any significant changes to the ownership (by more than 10%), management or structure of Respondent's business within the last three (3) years, please explain (use separate sheet if necessary):

_____

SMALL / MINORITY / DISADVANTAGED BUSINESS CERTIFICATION:

Is Respondent a certified Connecticut DOT/DAS small, minority, women or disadvantaged business? ☐ Yes ☐ No

If yes, list the certifying agency(s) and attach a copy of certificate.

_____

If application is pending, provide date application was submitted, whether it has been completed, and when certification is anticipated.

_____

PERFORMANCE AND CLAIMS HISTORY:

Within the last five (5) years, has respondent been defaulted, terminated or had any liquidated damages or other contractual penalties for failure to timely or properly perform a contract assessed against respondent? ☐ Yes ☐ No
(If yes, please provide a detailed explanation, on a separate page, indicating the current status of any claim or litigation involving those transactions.)

Within the last five (5) years, has any officer or principal of respondent ever been an officer or principal of another organization when it failed to complete a contract? ☐ Yes ☐ No
(If yes, please provide a detailed explanation, on a separate page, identifying the project and reason for failing to complete the construction contract.)

Within the past five (5) years, has respondent been declared to be a non-responsible respondent or respondent on any public works project? ☐ Yes ☐ No
(If yes, please provide a detailed explanation, on a separate page, identifying the project and date of findings.)

Has the respondent ever been involved in bankruptcy or reorganization in the past five (5) years? ☐ Yes ☐ No
(If yes, please provide a detailed explanation, on a separate page)

Are there pending, or have there ever been any, claims or suits (including arbitration or administrative proceedings) by or against respondent in relation to respondent's job performance or compliance with applicable laws on a construction project, either pending or resolved, within the last five (5) years? ☐ Yes ☐ No
(If yes, please provide a detailed explanation of all such claims or suits, on a separate page, including case name, docket number, jurisdiction, description of the claims at issue, and the final outcome.)

Are there any unpaid debts that are past due or alleged to be past due under arbitration awards or judgments against the respondent? ☐ Yes ☐ No
(If yes, please provide a detailed explanation, on a separate page.)

Within the past five (5) years has respondent, or any part of respondent's organization, any owner, or partial owner of respondent's organization, or any person in any way associated with or employed by respondent, ever been barred, suspended, disqualified or otherwise precluded from bidding or offering a proposal on contracts by any municipality, any agency of the State of Connecticut, other states or the Federal Government? ☐ Yes ☐ No
(If yes, please provide a detailed explanation, on a separate page, including copies of any notice of reinstatement.)

Has respondent or any of its principals (owner of more than 5% interest) ever been convicted of, or entered a plea of guilty, or nolo contendere or similar acknowledgment, criminal violation(s) relating to, or arising out of, its business activities or the bidding or performance of a construction project? ☐ Yes ☐ No
(If yes, please provide a detailed explanation, on a separate page, including the case name, docket number, jurisdiction and case description.)

Has respondent or its principals (owners of more than 5% interest) ever been found civilly liable for any criminal activity or civil action involving embezzlement, fraud, forgery, bribery, falsification or destruction of records, receipt of stolen property, collusion, antitrust, conspiracy or other similar offenses arising out of its business activities or the bidding or performance of a construction project? ☐ Yes ☐ No *(If yes, please provide a detailed explanation, on a separate page, including the case name, docket number, jurisdiction and case description.)*

REFERENCES: (*Attach additional pages as necessary)*

Responders shall provide at least five (5) references for similar projects of similar size and scope (dollar value or specification) to the proposed scope of work contained in this bid. PLEASE NOTE IT IS ANSONIA PUBLIC SCHOOL'S INTENT TO COMMUNICATE WITH THE REFERENCES LISTED HEREIN.

CLIENT 1:
Organization Name:_____
Contact Name: _____Phone: _____
Service Dates:_____
Project(s):_____

CLIENT 2:
Organization Name:_____
Contact Name: _____Phone: _____
Service Dates:_____
Project(s):_____

CLIENT 3:
Organization Name:_____
Contact Name: _____Phone: _____
Service Dates:_____
Project(s):_____

CLIENT 4:
Organization Name:_____
Contact Name: _____Phone: _____
Service Dates:_____
Project(s):_____

CLIENT 5:
Organization Name:_____
Contact Name: _____Phone: _____
Service Dates:_____
Project(s):_____

The undersigned hereby certifies that the information and representations presented in this application are true and accurate to the best of my/our knowledge. The undersigned further understands that providing false information or representations herein constitutes an act of fraud, which will result in the termination of the pre-qualification process, in addition to other legal recourse.

Dated this ___day of _____, 2026 at _____, Connecticut.

_____
(Company Name)

BY:_____
(Signature)

_____
(Printed Name)

Its_____, duly authorized

Subscribed and Sworn to before
me this _____day of _____, 20____.

_____
Notary Public

My Commission Expires:

5. NON-COLLUSION CERTIFICATION

The undersigned certifies, under penalty of false statement, that this response has been made, submitted and executed in good faith and without collusion or fraud with any other person, and without any agreement designed to limit independent bidding or competition; that no person or persons other than members of this organization (or subcontractors) are interested in any resulting contract that may be entered into from any subsequent bidding process; that no person acting for or employed by Ansonia Pubic Schools is directly or indirectly interested therein, or in the supplies or works to which it relates or will receive any part of the profit or any commission therefrom in any manner which is unethical or contrary to the best interests of the Ansonia Pubic Schools.

As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club or other organization, entity or group of individuals.

Please complete and sign

Company Name: _____

Business Address: _____

_____

Phone:_____ Fax:_____

BY:_____(Signature)

_____(Printed Name)

Its_____, duly authorized

Dated this ___day of _____, 20___

at _____, Connecticut.

6. PROPOSAL FORM

TO BE SUBMITTED IN A SEPARATE SEALED ENVELOPE

PROPOSER'S FULL LEGAL NAME:_____

Pursuant to and in full compliance with the Request, the undersigned proposer, having thoroughly examined each and every document comprising the Request, including any addenda, hereby offers and agrees as follows:

COST PROPOSAL

The undersigned hereby agrees to provide the products and/or services described in Phase 1 and Phase 2 of the Scope of Services and Project Description of the specifications above at the John G. Prendergast Elementary School 59 Finny Street Ansonia CT for the following lump sum amount: $_____.

_____

(Amount in words)

ACKNOWLEDGEMENT

In submitting this Proposal Form, the undersigned proposer acknowledges that the price(s) include all labor, materials, transportation, hauling, overhead, fees and insurances, bonds or letters of credit, profit, security, permits and licenses, and all other costs to cover the completed work called for in the Request. No additional payment of any kind will be made.

REQUIRED DISCLOSURES

1. Exceptions to the Request (Check the appropriate statement)

   _____This proposal does not take exception to any requirement of the Request, including any of the Contract Terms set forth herein

   OR

   _____This proposal takes exception(s) to certain requirements of the Request, Attached is a sheet fully describing each such exception.

2. State Debarment List

Is the proposer on the State of Connecticut's Debarment List?

_____Yes
_____No

3. Occupational Safety and Health Law Violations

Has the proposer or any firm, corporation, partnership or association in which it has an interest (1) been cited for three (3) or more willful or serious violations of any occupational safety and health act or of any standard, order or regulation promulgated pursuant to such act, during the three-year period preceding the proposal (provided such violations were cited in accordance with the provisions of any state occupational safety and health act or the Occupational Safety and Health Act of 1970, and not abated within the time fixed by the citation and such citation has not been set aside following appeal to the appropriate agency or court having jurisdiction) or (2) received one or more criminal convictions related to the injury or death of any employee in the three-year period preceding the proposal?

_____Yes
_____No

If "yes," attach a sheet fully describing each such matter.

4. Arbitration/Litigation

Has either the proposer or any of its principals (regardless of place of employment) been involved for the most recent ten (10) years in any resolved or pending arbitration or litigation?

_____Yes
_____No

If "yes," attach a sheet fully describing each such matter

5. Criminal Proceedings

Has the proposer or any of its principals (regardless of place of employment) ever been the subject of any criminal proceedings?

_____Yes
_____No

If "yes," attach a sheet fully describing each such matter.

6. Ethics and Offenses in Public Projects or Contracts

Has either the proposer or any of its principals (regardless of place of employment) ever been found to have violated any state or local ethics law, regulation, ordinance, code, policy or standard, or to have committed any other offense arising out of the submission of proposals or bids or the performance of work on public works projects or contracts?

_____Yes
_____No

If "yes," attach a sheet fully describing each such matter.

SIGNATURE

THIS DOCUMENT, IN ORDER TO BE CONSIDERED A VALID PROPOSAL, MUST BE SIGNED BY A PRINCIPAL OFFICER OR OWNER OF THE BUSINESS ENTITY THAT IS SUBMITTING THE PROPOSAL. SUCH SIGNATURE CONSTITUTES THE PROPOSER'S REPRESENTATIONS THAT IT HAS READ, UNDERSTOOD AND FULLY ACCEPTED EACH AND EVERY PROVISION OF EACH DOCUMENT COMPROMISING THE REQUEST, UNLESS AN EXCEPTION IS DESCRIBED ABOVE.

BY_____ TITLE:_____
(PRINT NAME)

_____ DATE:_____
(SIGNATURE)

**** END OF PROPOSAL FORM ****

RECORD INFORMATION

The following mechanical system information is available for use in this project

- Complete O&M Manual from original installation circa 1998 that includes information on fixtures, boiler room, HVAC equipment, Temp Controls and balancing reports. Although some equipment has been replaced (i.e. all RTU's,) some equipment has not (i.e. UV's). This information will be furnished to the successful proposer, it is too voluminous to be reproduced here.

- Mechanical drawings entitled: MAIN LEVEL MECHANICAL FLOOR PLAN AREA "A" Drawing No. M1.01, MAIN LEVEL MECHANICAL FLOOR PLAN AREA "B" Drawing No. M1.02, UPPER LEVEL MECHANICAL FLOOR PLAN AREA "A" Drawing No. M1.03 and MECHANICAL BOILER ROOM FLOOR PLAN AND RISER DIAGRAMS Drawing No.M2, all of which are Dated 11/26/96 revised thru 9/17/27.

- Mechanical drawings entitled: PRENDERGAST SCHOOL HOT WATER BOILER REPLACEMENT Drawing No. M 000, MECHNICAL LEGEND AND SCHEDULES Drawing No. M100, MECHANCIAL BOILER ROOM NEW WORK PLAN Drawing No. M200 MECHANICAL DETAILS AND DIAGRAMS, all of which are Dated 4/1/20

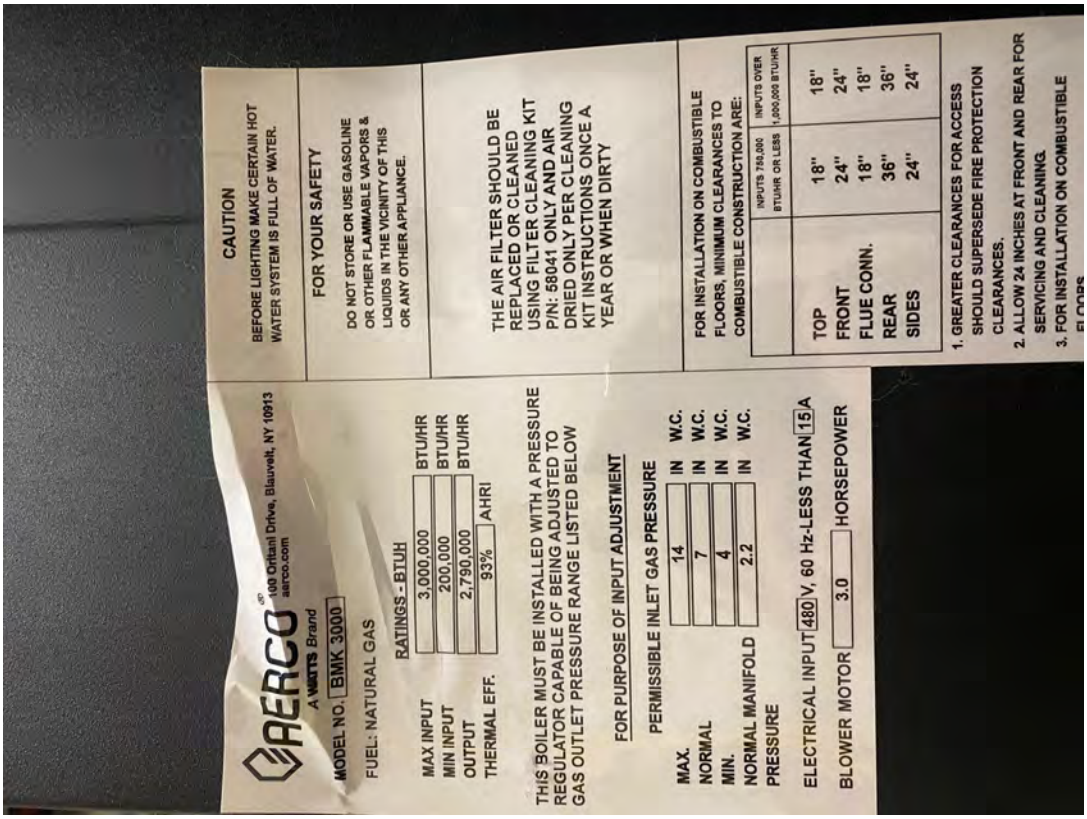
- Photographs of each piece of equipment
    - Boilers 1 & 2
    - Chiller
    - Computer Room & Head End Room Condensers
    - Heat Pumps 1 & 2
    - Portable A & Portable B RTUs
    - RTU 1, 2, 3, 4, 5, 6, 7, 8, 9, & 10
    - Fan Coil # 1, 2, 5, 7, 8
- 2026 – 2027 School Calendar
- Equipment listing by Room /Area
- Listing of Equipment Installation Dates

Listing of Equipment Installation Dates:

- Trane Chiller start-up (May 2, 2023)
- Two AERCO Boilers put into service (Sept 2019)
- RTU #1 Guidance (October 2023)
- RTU #2 Café (August 2018)
- RTU #3 Kitchen (October 2023)
- RTU #4 Art/ Music & corridor (October 2023)
- RTU #5 GYM (June 2021)
- RTU #6 Admin (October 2022)
- RTU #7 Main Lobby Corridor (October 2023)
- RTU #8 Copy Room & Corridor (October 2023)
- RTU #9 MEDIA Center (October 2023)
- RTU #10 2nd Fl & 1st Fl Corridors (October 2023)
- Portable A unit (October 2023)
- Portable B unit (October 2023)
- FCU 1 Computer (Original 1999)
- FCU 2 Head End (Original 1999)
- FCU 5 (Rm 2119) (Original 1999)
- FCU 7 (Rm 2109) (Original 1999)
- FCU 8 (Rm 2114) (Original 1999)
- All unit Ventilators #1-33 (Original 1999)

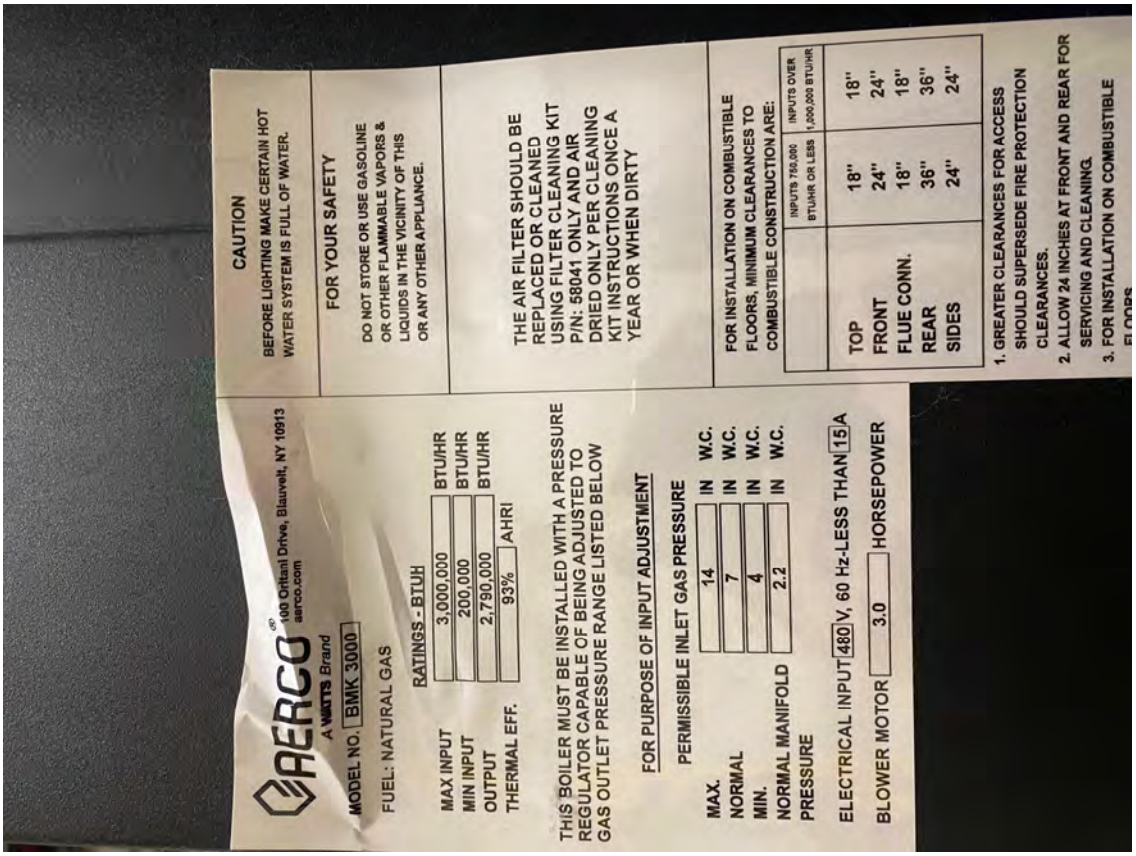
The above listing may not be an all inclusive listing of all equipment associated with this RFP. It is the consultants responsibility to fully investigate the existing building systems and all of the equipment required for a complete, fully operational system.

BOILER #1:


CAUTION
BEFORE LIGHTING MAKE CERTAIN HOT WATER SYSTEM IS FULL OF WATER.
FOR YOUR SAFETY
DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS & LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.
THE AIR FILTER SHOULD BE REPLACED OR CLEANED USING FILTER CLEANING KIT P/N: 58041 ONLY AND AIR DRIED ONLY PER CLEANING KIT INSTRUCTIONS ONCE A YEAR OR WHEN DIRTY
AERCO
100 Ortani Drive, Blauvelt, NY 10913
aerco.com
A WATTS Brand
MODEL NO. BMK 3000
FUEL: NATURAL GAS
RATINGS - BTUH
MAX INPUT 3,000,000 BTU/HR
MIN INPUT 200,000 BTU/HR
OUTPUT 2,790,000 BTU/HR
THERMAL EFF. 93% AHRI
THIS BOILER MUST BE INSTALLED WITH A PRESSURE REGULATOR CAPABLE OF BEING ADJUSTED TO GAS OUTLET PRESSURE RANGE LISTED BELOW
FOR PURPOSE OF INPUT ADJUSTMENT
PERMISSIBLE INLET GAS PRESSURE
MAX. 14 IN W.C.
NORMAL 7 IN W.C.
MIN. 4 IN W.C.
NORMAL MANIFOLD PRESSURE 2.2 IN W.C.
ELECTRICAL INPUT 480 V, 60 Hz-LESS THAN 15 A
BLOWER MOTOR 3.0 HORSEPOWER
FOR INSTALLATION ON COMBUSTIBLE FLOORS, MINIMUM CLEARANCES TO COMBUSTIBLE CONSTRUCTION ARE:
INPUTS 750,000 BTU/HR OR LESS
INPUTS OVER 1,000,000 BTU/HR
TOP 18" 18"
FRONT 24" 24"
FLUE CONN. 18" 18"
REAR 36" 36"
SIDES 24" 24"
1. GREATER CLEARANCES FOR ACCESS SHOULD SUPERSEDE FIRE PROTECTION CLEARANCES.
2. ALLOW 24 INCHES AT FRONT AND REAR FOR SERVICING AND CLEANING.
3. FOR INSTALLATION ON COMBUSTIBLE


AERCO
Benchmark

BOILER #2:

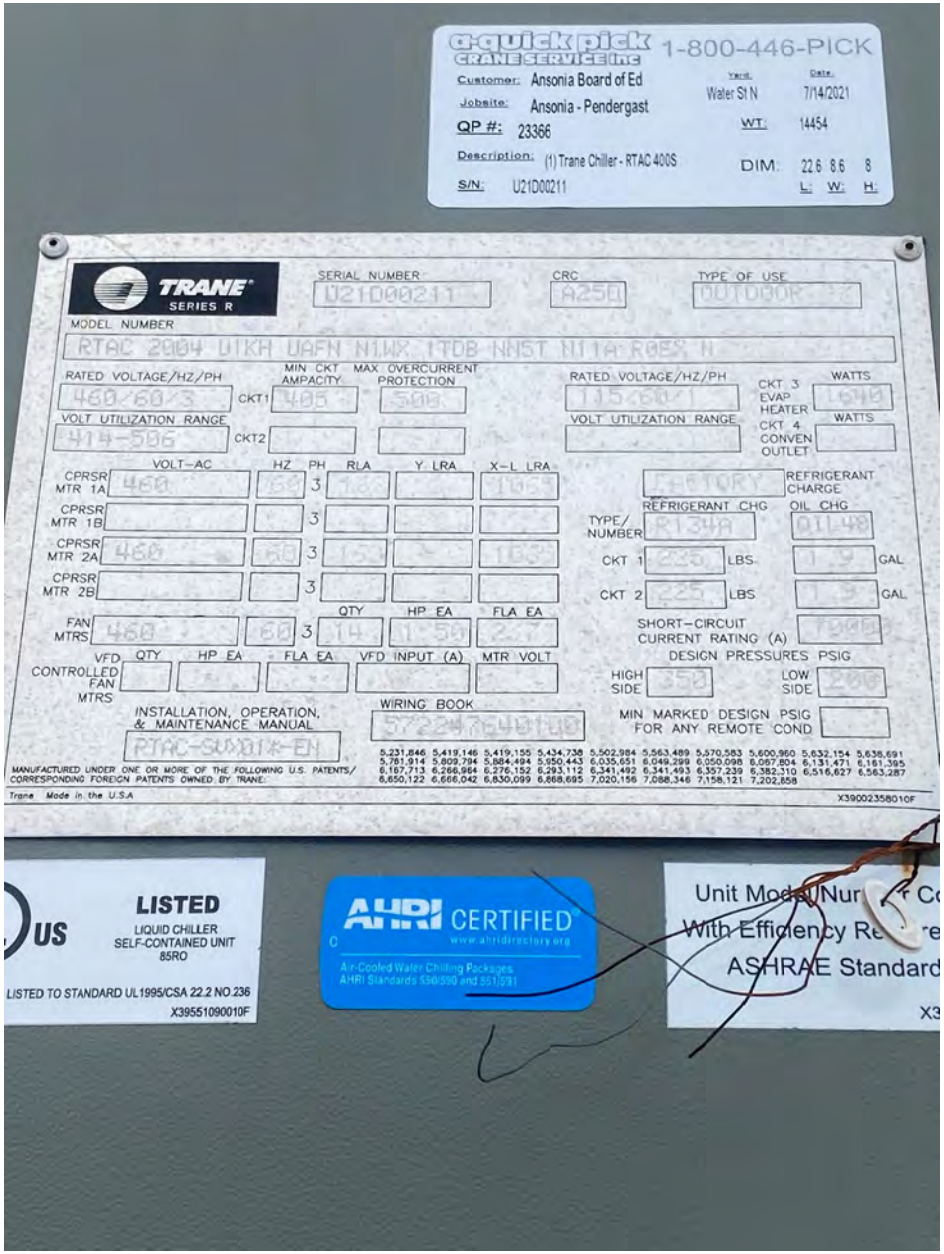

AERCO
100 Oritani Drive, Blauvelt, NY 10913
aerco.com
A WATTS Brand
MODEL NO. BMK 3000
FUEL: NATURAL GAS
RATINGS - BTUH
MAX INPUT 3,000,000 BTU/HR
MIN INPUT 200,000 BTU/HR
OUTPUT 2,790,000 BTU/HR
THERMAL EFF. 93% AHRI
THIS BOILER MUST BE INSTALLED WITH A PRESSURE REGULATOR CAPABLE OF BEING ADJUSTED TO GAS OUTLET PRESSURE RANGE LISTED BELOW
FOR PURPOSE OF INPUT ADJUSTMENT
PERMISSIBLE INLET GAS PRESSURE
MAX. 14 IN W.C.
NORMAL 7 IN W.C.
MIN. 4 IN W.C.
NORMAL MANIFOLD PRESSURE 2.2 IN W.C.
ELECTRICAL INPUT 480 V, 60 Hz-LESS THAN 15 A
BLOWER MOTOR 3.0 HORSEPOWER
CAUTION
BEFORE LIGHTING MAKE CERTAIN HOT WATER SYSTEM IS FULL OF WATER.
FOR YOUR SAFETY
DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS & LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.
THE AIR FILTER SHOULD BE REPLACED OR CLEANED USING FILTER CLEANING KIT P/N: 58041 ONLY AND AIR DRIED ONLY PER CLEANING KIT INSTRUCTIONS ONCE A YEAR OR WHEN DIRTY
FOR INSTALLATION ON COMBUSTIBLE FLOORS, MINIMUM CLEARANCES TO COMBUSTIBLE CONSTRUCTION ARE:
INPUTS 750,000 BTU/HR OR LESS
INPUTS OVER 1,000,000 BTU/HR
TOP 18" 18"
FRONT 24" 24"
FLUE CONN. 18" 18"
REAR 36" 36"
SIDES 24" 24"
1. GREATER CLEARANCES FOR ACCESS SHOULD SUPERSEDE FIRE PROTECTION CLEARANCES.
2. ALLOW 24 INCHES AT FRONT AND REAR FOR SERVICING AND CLEANING.
3. FOR INSTALLATION ON COMBUSTIBLE


AERCO
Benchmark

CHILLER:






quick pick
CRANE SERVICE Inc
1-800-446-PICK
Customer: Ansonia Board of Ed
Jobsite: Ansonia - Pendergast
QP #: 23366
Description: (1) Trane Chiller - RTAC 400S
S/N: U21D00211
Yard: Water St N
Date: 7/14/2021
WT: 14454
DIM: 22.6 8.6 8
L: W: H:
TRANE
SERIES R
SERIAL NUMBER
U21D00211
CRC
A250
TYPE OF USE
MOTOR
MODEL NUMBER
RTAC 2004 UIKH UAFN N1WX 1TDB NNST N11A R0E5 N
RATED VOLTAGE/HZ/PH
460/60/3
MIN CKT AMPACITY
405
MAX OVERCURRENT PROTECTION
500
CKT1
VOLT UTILIZATION RANGE
414-506
CKT2
RATED VOLTAGE/HZ/PH
115.60/1
VOLT UTILIZATION RANGE
CKT 3 EVAP HEATER
WATTS
1640
CKT 4 CONVEN OUTLET
WATTS
VOLT-AC
HZ
PH
RLA
Y LRA
X-L LRA
CPRSR MTR 1A
460
60
3
CPRSR MTR 1B
CPRSR MTR 2A
460
60
3
CPRSR MTR 2B
FAN MTRS
460
60
3
QTY
14
HP EA
1.50
FLA EA
2.7
VFD CONTROLLED FAN MTRS
QTY
HP EA
FLA EA
VFD INPUT (A)
MTR VOLT
INSTALLATION, OPERATION, & MAINTENANCE MANUAL
RTAC-SVX01*-EN
WIRING BOOK
5722A7640100
FACTORY
REFRIGERANT CHARGE
TYPE/ NUMBER
R134A
REFRIGERANT CHG
OIL CHG
CKT 1
235
LBS
GAL
CKT 2
225
LBS
GAL
SHORT-CIRCUIT CURRENT RATING (A)
DESIGN PRESSURES PSIG
HIGH SIDE
350
LOW SIDE
200
MIN MARKED DESIGN PSIG FOR ANY REMOTE COND
MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS/ CORRESPONDING FOREIGN PATENTS OWNED BY TRANE:
5,231,846 5,419,146 5,419,155 5,434,738 5,502,984 5,563,489 5,570,583 5,600,960 5,632,154 5,638,691
5,761,914 5,809,794 5,884,494 5,950,443 6,035,651 6,049,299 6,050,098 6,067,804 6,131,471 6,181,595
6,167,713 6,266,964 6,276,152 6,293,112 6,341,492 6,341,493 6,357,239 6,382,310 6,516,627 6,563,287
6,650,122 6,666,042 6,830,099 6,868,695 7,020,156 7,088,346 7,158,121 7,202,858
Trane Made in the U.S.A
X39002358010F
LISTED
LIQUID CHILLER
SELF-CONTAINED UNIT
85RO
LISTED TO STANDARD UL1995/CSA 22.2 NO.236
X39551090010F
AHRI CERTIFIED
www.ahridirectory.org
Air-Cooled Water Chilling Packages
AHRI Standards 550/590 and 551/591
Unit Model/Nur
With Efficiency Re
ASHRAE Standard
X3

COMPUTER ROOM CONDENSER:





ON
OFF

HEAD END ROOM CONDENSER:





HEAT PUMP #1:




Patented Technology
AEGIS
SHAFT GROUNDING RING
INSTALLED
est-aegis.com/warranty
BALDOR • RELIANCE
SuperE Motor
CAT.NO. EJMM3710T-G
SPEC 37K496R872G1
HP 7.5
VOLTS 230/460
AMPS 19/9.5
RPM 1770
FRAME 213JM Hz 60 PH 3
SF 1.15 CODE J DES A CLASS H
NEMA NOM. EFF 91.7 % PF 80 %
RATING 40C AMB-CONT
CC 010A USABLE AT 208V 20
ENCL TEFC SER F2004016249
BRG DE 6309 ODE 6206
VPWM INVERTER READY
CT 6-60 Hz (10:1) VT 3-60 Hz (20:1)
USABLE AT 50HZ 7.5HP 190/380V 22.4/11.2A SF1.0
BALDOR ELECTRIC CO. FT. SMITH, AR. MFG IN U.S.A.
NP3441LUA
NEMA Premium


Taco
Comfort Solutions
SHOP ORDER
569435/1/1
DOE BASIC MODEL NO.
SKV4007D-A-4P-PD
MODEL NO.
SKV4007T4E2EC3LD5XX
CAPACITY GPM
240.00
HEAD FT
50.00
IMP DIA
7.25
MFG DATE
0920
MOTOR HP
7.5
RPM
1750
PEI
0.46
TACO INC., CRANSTON,R.I. U.S.A.
W-1
V-2
4-3

HEAT PUMP #2:




INSTALLED
est-aegis.com/warranty
RELIANCE
SuperE Motor
CAT.NO. EJMM3710T-G
SPEC 37K496R872G1
HP 7.5
VOLTS 230/460
AMPS 19/9.5
RPM 1770
FRAME 213JM Hz 60 PH 3
SF 1.15 CODE J DES A CLASS H
NEMA NOM. EFF 91.7 % PF 80 %
RATING 40C AMB-CONT
CC 010A USABLE AT 208V 20
ENCL TEFC SER F2004016246
BRG DE 6309 ODE 6206
VPWM INVERTER READY
CT 6-60 Hz (10:1) VT 3-60 Hz (20:1)
USABLE AT 50HZ 7.5HP 190/380V 22.4/11.2A SF1.0
BALDOR ELECTRIC CO. FT. SMITH, AR. MFG IN U.S.A.


Taco
Comfort Solutions
SHOP ORDER
569435/1/1
DOE BASIC MODEL NO.
SKV4007D-A-4P-PD
MODEL NO.
SKV4007T4E2EC3LD5XX
CAPACITY GPM
240.00
HEAD FT
50.00
IMP DIA
7.25
MFG DATE
0920
MOTOR HP
7.5
RPM
1750
PEI
0.46
TACO INC., CRANSTON,RI, U.S.A.
V-3
W-1
V-2

PORTABLE CLASSROOM A RTU:

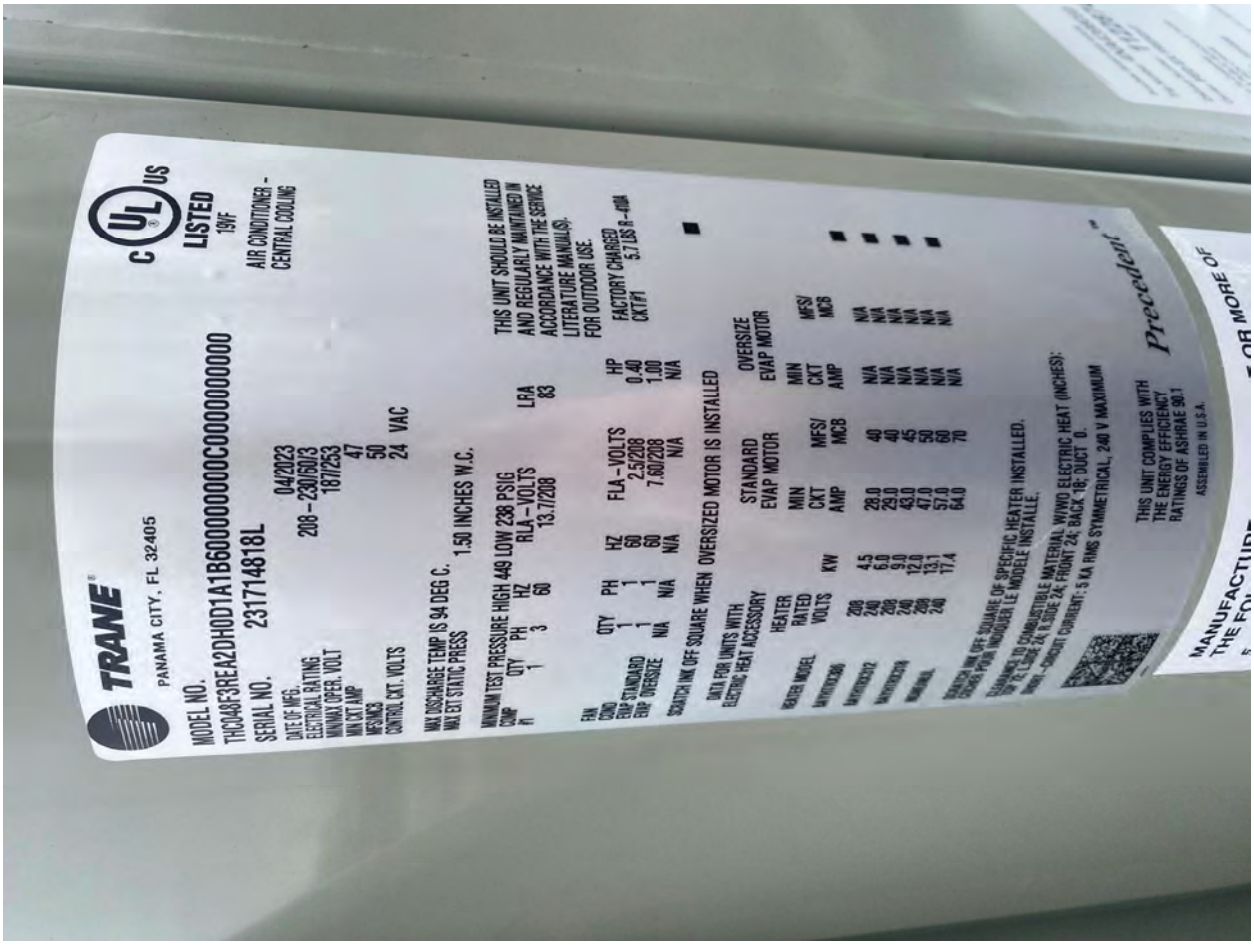




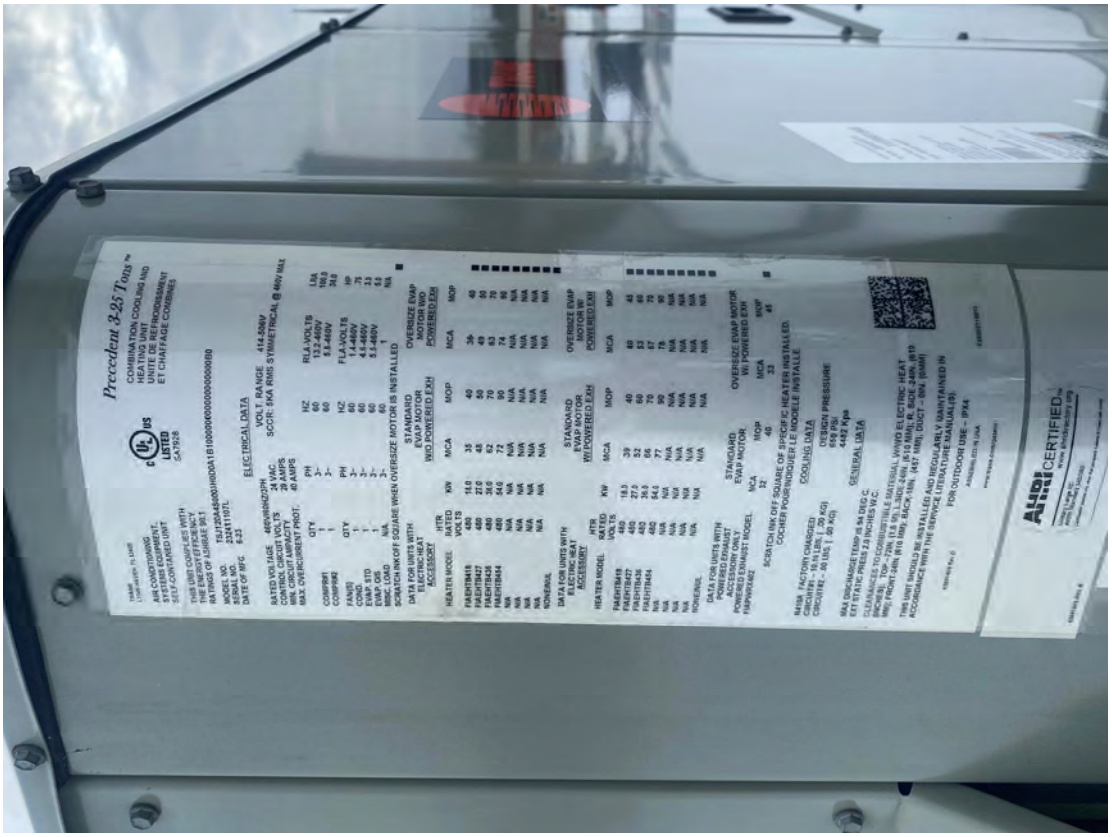
IMPORTANT

PORTABLE CLASSROOM B RTU:





RTU #1:


Precedent 3-25 Tons™
COMBINATION COOLING AND HEATING UNIT
UNITE DE REFROIDISSEMENT ET CHAUFFAGE COMBINES
AIR CONDITIONER, HEATING & COOLING EQUIPMENT
SYSTEM CONTAINED UNIT
SA7928
ELECTRICAL DATA
VOLT. RANGE 414-506V
RATED VOLTAGE 460V/60/3PH
CONTROL CIRCUIT VOLTS 24 VAC
MIN. CIRCUIT AMPACITY 28 AMPS
MAX. OVERCURRENT PROT. 40 AMPS
SCCR: 5kA RMS SYMMETRICAL @ 460V MAX
COMPR1 QTY 1 PH 3 HZ 60 RLA-VOLTS 13.2-460V LRA 160.0
COMPR2 1 3 60 13.2-460V 262
FAN(S) QTY 1 PH 3 HZ 60 FLA-VOLTS 1.4-460V HP 3/4
COND. STD 1 3 60 4.4-460V 3
EVAP. OR 1 3 60 5.3-460V 3
MISC. LOAD 1 60 NA
ACCESS. 1 60 1
ELECTRIC HEAT
ACCESSORY
HEATER MODEL RATED VOLTS KW MCA MOP
FAEHTB418 460 14.0 35 40
FAEHTB427 460 21.0 49 50
FAEHTB438 460 28.0 62 70
FAEHTB444 460 34.0 72 90
NA NA NA NA NA
NA NA NA NA NA
NA NA NA NA NA
NONE/AUCUN NA NA NA NA
STANDARD EVAP MOTOR W/O POWERED EXH
OVERSIZE EVAP MOTOR W/O POWERED EXH
HEATER MODEL RATED VOLTS KW MCA MOP MCA MOP
FAEHTB418 460 14.0 35 40 35 40
FAEHTB427 460 21.0 49 50 49 50
FAEHTB438 460 28.0 62 70 63 70
FAEHTB444 460 34.0 72 90 74 90
NA NA NA NA NA NA NA
NA NA NA NA NA NA NA
NA NA NA NA NA NA NA
NONE/AUCUN NA NA NA NA NA NA NA
STANDARD EVAP MOTOR W/POWERED EXH
OVERSIZE EVAP MOTOR W/ POWERED EXH
HEATER MODEL RATED VOLTS KW MCA MOP MCA MOP
FAEHTB418 460 14.0 39 40 40 45
FAEHTB427 460 21.0 52 60 53 60
FAEHTB438 460 28.0 64.3 70 67 70
FAEHTB444 460 34.0 77 90 75 90
NA NA NA NA NA NA NA
NA NA NA NA NA NA NA
NA NA NA NA NA NA NA
NONE/AUCUN NA NA NA NA NA NA NA
STANDARD EVAP MOTOR W/O POWERED EXH
OVERSIZE EVAP MOTOR W/ POWERED EXH
POWERED EXHAUST MODEL MCA MOP MCA MOP
FAHWK462 12 40 13 45
SCRATCH ISK OFF SQUARE WHEN OVERSIZE MOTOR IS INSTALLED
GRATTER CARRE LORSQUE LE MOTEUR SURDIMENSIONNE EST INSTALLE
COOLING DATA
DESIGN PRESSURE
4482 kPa
GENERAL DATA
AIR CONDITIONER
HEATING & COOLING
SYSTEM CONTAINED UNIT
SA7928
THIS UNIT COMPLIES WITH THE MINIMUM EFFICIENCY REQUIREMENTS OF ASHRAE 90.1-2019
MODEL NO. 2SA7928
SERIAL NO. 2321111071
DATE OF MFG. 8-23
MADE IN CANADA
ALTECH CERTIFIED



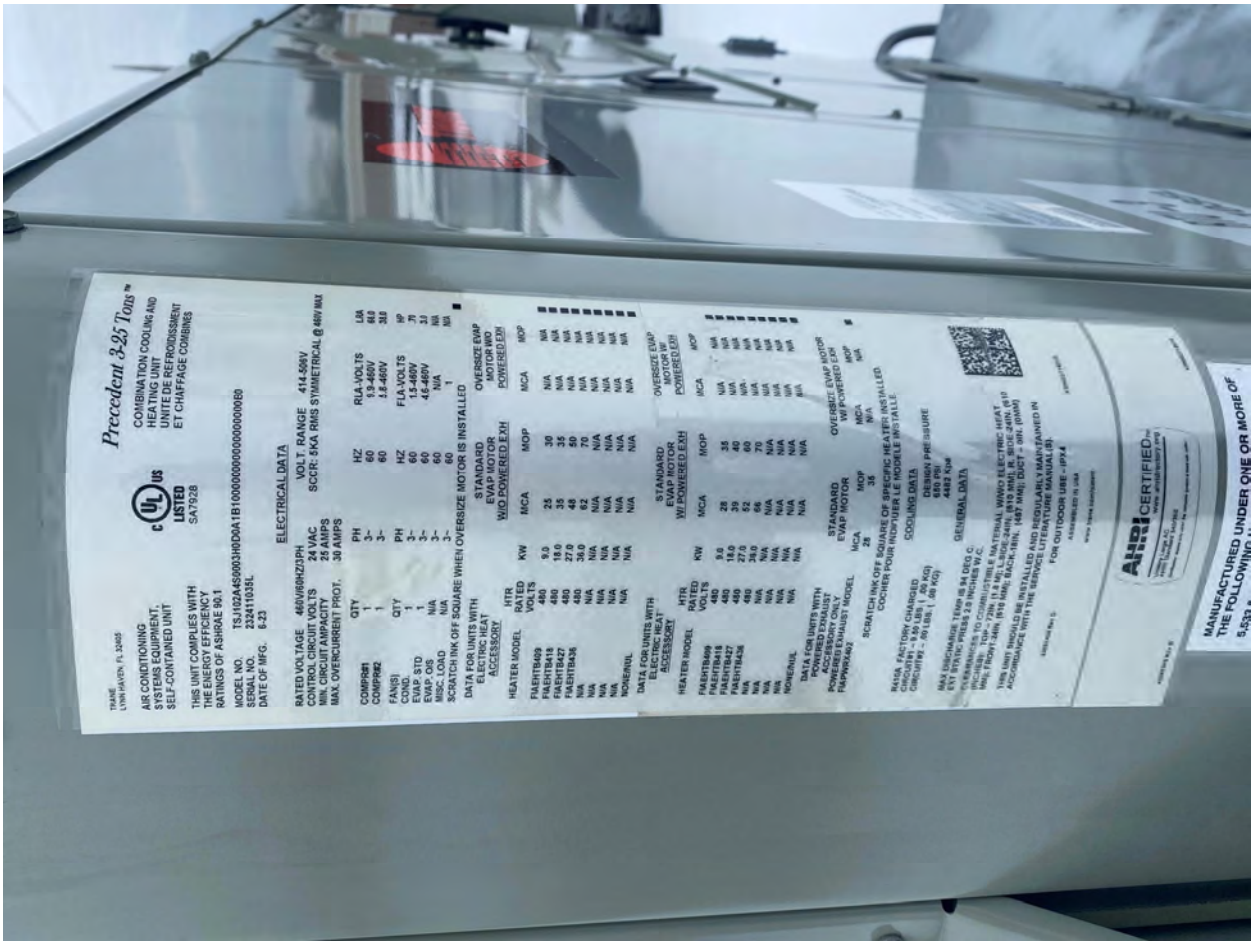
RTU #2:


ADVERTENCIA
¡CAERSE DEL EQUIPO!
TRANE
CLARKSVILLE, TN 37040
INTELLIPAK
LISTED
AIR CONDITIONING
SYSTEMS EQUIPMENT
MODEL NUMBER: SXHLF3040R6C5BD1001002200HOB000RT0M8000
SERIAL NUMBER: C18E03624
MODULE NUMBER 1 OF 1
SALES ORDER NO: B2E5644A
REFRIGERATION MACHINE FOR OUTDOOR INSTALLATION ONLY
SEE ADDITIONAL NAMEPLATE IN GAS HEAT SECTION WHEN USED
PROCEDURES BEFORE
ALL MOTOR CAPACITO
STORED VOLTAGE. UN
DRIVE, REFER TO DRIVE
CAPACITOR DISCHARGE
FAILURE TO DO THE AB
DEATH OR SERIOUS INJ
AVERT
TENSION D
COUPER TOUTES LES TE
SECTIONNEURS A DISTA
PROCEDURES DE VERRO
ETIQUETTES AVANT TOU
VERIFIER QUE TOUS LES
MOTEURS SONT DECHAR
D'UNITES COMPORTANT D
VITESSE VARIABLE, SE RE
INSTRUCTIONS DE L'ENTR
DECHARGER LES CONDEN
NE PAS RESPECTER CES
PRECAUTION PEUT ENTRA
GRAVES POUVANT ETRE M
ADVER
¡VOLTAJE PE
DESCONECTE TODA LA ENE
INCLUSO LAS DESCONEXIO
LOS PROCEDIMIENTOS DE C
ANTES DE PROCEDER AL SE
DE QUE TODOS LOS CAPAC
HAYAN DESCARGADO EL VO
PARA LAS UNIDADES CON T
VELOCIDAD VARIABLE, CONS
INSTRUCCIONES PARA LA DE
CONDENSADOR.
EL NO REALIZAR LO ANTERIO
PODRÍA OCASIONAR LA MUE
LESIONES PERSONALES.



RTU #3:



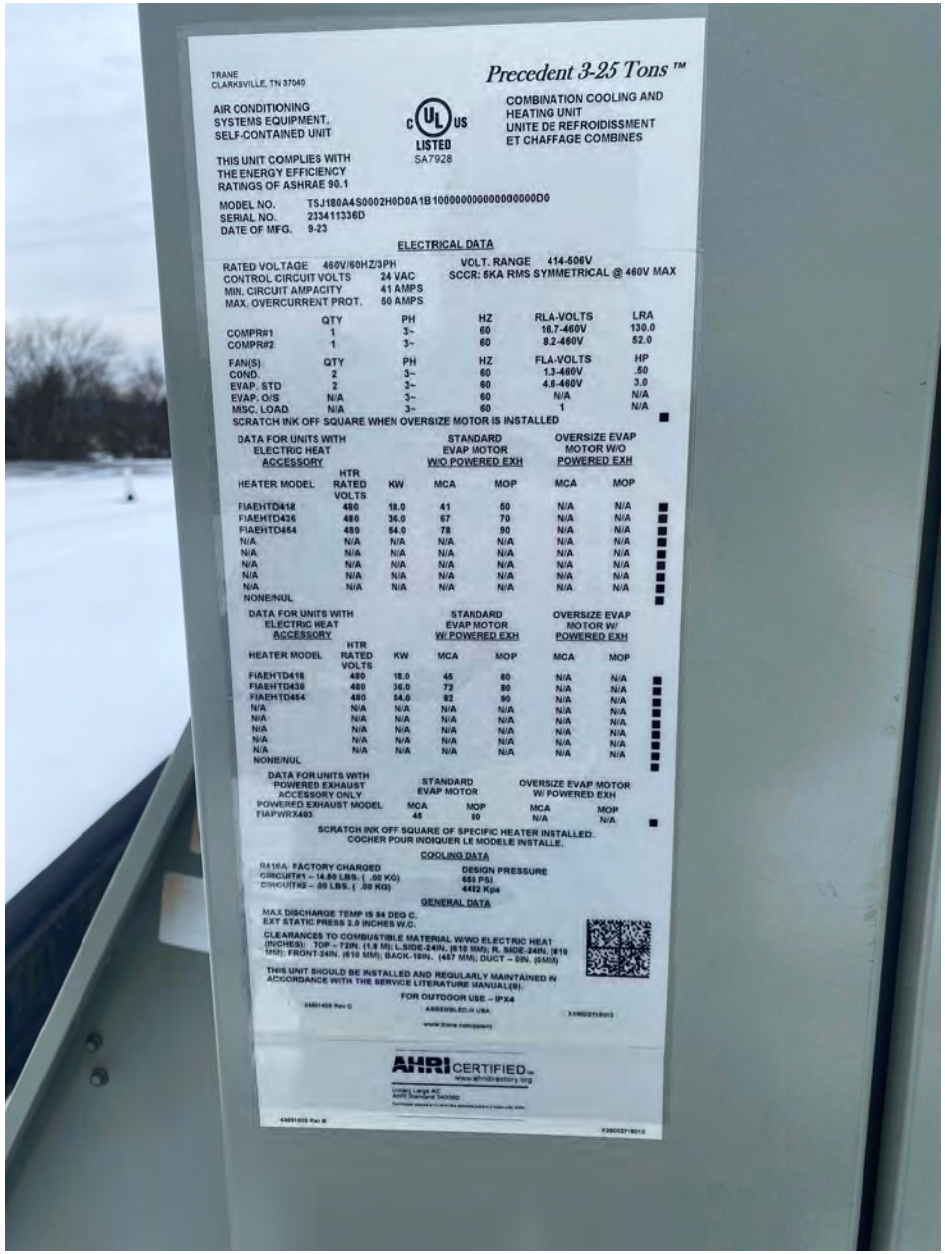

TRANE
LYNCHBURG, VA 24565
Precedent 3.25 Tons
AIR CONDITIONING
SYSTEMS EQUIPMENT;
SELF-CONTAINED UNIT
COMBINATION COOLING AND
HEATING UNIT
UNITE DE REFROIDISSEMENT
ET CHAUFFAGE COMBINES
LISTED
SA7928
THIS UNIT COMPLIES WITH
THE ENERGY EFFICIENCY
RATINGS OF ASHRAE 90.1
MODEL NO. TSJ102A4S0003H0D0A1B1000000000000000B0
SERIAL NO. 232411035L
DATE OF MFG. 6-23
ELECTRICAL DATA
RATED VOLTAGE 460V@60HZ/3PH VOLT. RANGE 414-506V
CONTROL CIRCUIT VOLTS 24 VAC SCCR: 5KA RMS SYMMETRICAL @ 460V MAX
MIN. CIRCUIT AMPACITY 25 AMPS
MAX. OVERCURRENT PROT. 30 AMPS
QTY PH HZ RLA-VOLTS LRA
COMPR#1 1 3- 60 14.4-460V 83
COMPR#2 1 3- 60 18.4-460V 313
QTY PH HZ FLA-VOLTS HP
FAN(S)
COND. 1 3- 60 1.1-460V 1
EVAP. STD 1 3- 60 .41-460V 1/3
EVAP. OS N/A 3- 60 N/A N/A
MISC. LOAD N/A 3- 60 1 N/A
SCRATCH INK OFF SQUARE WHEN OVERSIZE MOTOR IS INSTALLED
DATA FOR UNITS WITH ELECTRIC HEAT ACCESSORY
HEATER MODEL
HTR RATED VOLTS
KW
STANDARD EVAP MOTOR W/O POWERED EXH
MCA
MOP
OVERSIZE EVAP MOTOR W/O POWERED EXH
MCA
MOP
FAEHTB409 460 9.0 25 30 N/A N/A
FAEHTB418 460 18.0 35 35 N/A N/A
FAEHTB427 460 27.0 48 50 N/A N/A
FAEHTB436 460 36.0 62 70 N/A N/A
N/A N/A N/A N/A N/A N/A N/A
N/A N/A N/A N/A N/A N/A N/A
N/A N/A N/A N/A N/A N/A N/A
NONE/NVL N/A N/A N/A N/A N/A N/A N/A
DATA FOR UNITS WITH ELECTRIC HEAT ACCESSORY
HEATER MODEL
HTR RATED VOLTS
KW
STANDARD EVAP MOTOR W/ POWERED EXH
MCA
MOP
OVERSIZE EVAP MOTOR W/ POWERED EXH
MCA
MOP
FAEHTB409 460 9.0 28 35 N/A N/A
FAEHTB418 460 18.0 39 40 N/A N/A
FAEHTB427 460 27.0 52 60 N/A N/A
FAEHTB436 460 36.0 64 70 N/A N/A
N/A N/A N/A N/A N/A N/A N/A
N/A N/A N/A N/A N/A N/A N/A
NONE/NVL N/A N/A N/A N/A N/A N/A N/A
DATA FOR UNITS WITH POWERED EXHAUST ACCESSORY
POWERED EXHAUST ONLY
FAPM064A2
STANDARD EVAP MOTOR
MCA
MOP
OVERSIZE EVAP MOTOR W/ POWERED EXH
MCA
MOP
28 35 N/A N/A
SCRATCH INK OFF SQUARE OF SPECIFIC HEATER INSTALLED
COCHEZ POUR INDIQUER LE MODELE INSTALLE
R410A FACTORY CHARGED
CIRCUIT#1 - 14 lbs 1 (.00 Kg)
CIRCUIT#2 - 00 lbs 1 (.00 Kg)
COOLING DATA
DESIGN PRESSURE
650 PSI
4483 Kpa
MAX DISCHARGE TEMP @ 94 DEG C
EXT STATIC PRESS 2.0 INCHES W.C.
GENERAL DATA
OVERHANG: 12in (13 mm)
MIN CLEARANCE: FRONT 24in, (610 MM); BACK 24in, (610 MM); L SIDE 24in, (610 MM); R SIDE 24in, (610 MM); TOP 60in, (1524 MM)
THIS UNIT SHOULD BE INSTALLED AND REGULARLY MAINTAINED IN ACCORDANCE WITH THE SERVICE LITERATURE MANUAL (S)
FOR OUTDOOR USE – IPX4
ASSEMBLED IN USA
AHRI CERTIFIED
MANUFACTURED UNDER ONE OR MORE OF
THE FOLLOWING



RTU #4:







TRANE
CLARKSVILLE, TN 37040

AIR CONDITIONING
SYSTEMS EQUIPMENT,
SELF-CONTAINED UNIT

THIS UNIT COMPLIES WITH
THE ENERGY EFFICIENCY
RATINGS OF ASHRAE 90.1

c UL us
LISTED
SA7928

Precedent 3-25 Tons ™

COMBINATION COOLING AND
HEATING UNIT
UNITE DE REFROIDISSMENT
ET CHAFFAGE COMBINES

MODEL NO. TSJ180A4S0002H0D0A1B1000000000000000D0
SERIAL NO. 233411336D
DATE OF MFG. 9-23

ELECTRICAL DATA

RATED VOLTAGE 460V/60HZ/3PH
VOLT. RANGE 414-506V
CONTROL CIRCUIT VOLTS 24 VAC
MIN. CIRCUIT AMPACITY 41 AMPS
MAX. OVERCURRENT PROT. 50 AMPS
SCCR: 6KA RMS SYMMETRICAL @ 460V MAX

	QTY	PH	HZ	RLA-VOLTS	LRA
COMPR#1	1	3~	60	16.7-460V	130.0
COMPR#2	1	3~	60	8.2-460V	52.0

FAN(S)	QTY	PH	HZ	FLA-VOLTS	HP
COND.	2	3~	60	1.3-460V	.50
EVAP. STD	2	3~	60	4.6-460V	3.0
EVAP. O/S	N/A	3~	60	N/A	N/A
MISC. LOAD	N/A	3~	60	1	N/A

SCRATCH INK OFF SQUARE WHEN OVERSIZE MOTOR IS INSTALLED

DATA FOR UNITS WITH ELECTRIC HEAT ACCESSORY

HEATER MODEL	HTR RATED VOLTS	KW	STANDARD EVAP MOTOR W/O POWERED EXH MCA	STANDARD EVAP MOTOR W/O POWERED EXH MOP	OVERSIZE EVAP MOTOR W/O POWERED EXH MCA	OVERSIZE EVAP MOTOR W/O POWERED EXH MOP
FIAEHTD418	480	18.0	41	50	N/A	N/A
FIAEHTD436	480	36.0	67	70	N/A	N/A
FIAEHTD454	480	54.0	78	90	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
NONE/NUL						

DATA FOR UNITS WITH ELECTRIC HEAT ACCESSORY

HEATER MODEL	HTR RATED VOLTS	KW	STANDARD EVAP MOTOR W/ POWERED EXH MCA	STANDARD EVAP MOTOR W/ POWERED EXH MOP	OVERSIZE EVAP MOTOR W/ POWERED EXH MCA	OVERSIZE EVAP MOTOR W/ POWERED EXH MOP
FIAEHTD418	480	18.0	45	60	N/A	N/A
FIAEHTD436	480	36.0	72	80	N/A	N/A
FIAEHTD454	480	54.0	92	90	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A
NONE/NUL						

DATA FOR UNITS WITH POWERED EXHAUST ACCESSORY ONLY

POWERED EXHAUST MODEL	STANDARD EVAP MOTOR MCA	STANDARD EVAP MOTOR MOP	OVERSIZE EVAP MOTOR W/ POWERED EXH MCA	OVERSIZE EVAP MOTOR W/ POWERED EXH MOP
FIAPWRX483	45	60	N/A	N/A

SCRATCH INK OFF SQUARE OF SPECIFIC HEATER INSTALLED.
COCHER POUR INDIQUER LE MODELE INSTALLE.

COOLING DATA

R410A FACTORY CHARGED
CIRCUIT#1 – 14.50 LBS. (.00 KG)
CIRCUIT#2 – .00 LBS. (.00 KG)

DESIGN PRESSURE
650 PSI
4482 Kpa

GENERAL DATA

MAX DISCHARGE TEMP IS 94 DEG C.
EXT STATIC PRESS 2.0 INCHES W.C.

CLEARANCES TO COMBUSTIBLE MATERIAL W/WO ELECTRIC HEAT (INCHES): TOP – 72IN. (1.8 M); L.SIDE-24IN. (610 MM); R. SIDE-24IN. (610 MM); FRONT-24IN. (610 MM); BACK-18IN. (457 MM); DUCT – 0IN. (0MM)

THIS UNIT SHOULD BE INSTALLED AND REGULARLY MAINTAINED IN ACCORDANCE WITH THE SERVICE LITERATURE MANUAL(S).

FOR OUTDOOR USE – IPX4

ASSEMBLED IN USA

AHRI CERTIFIED

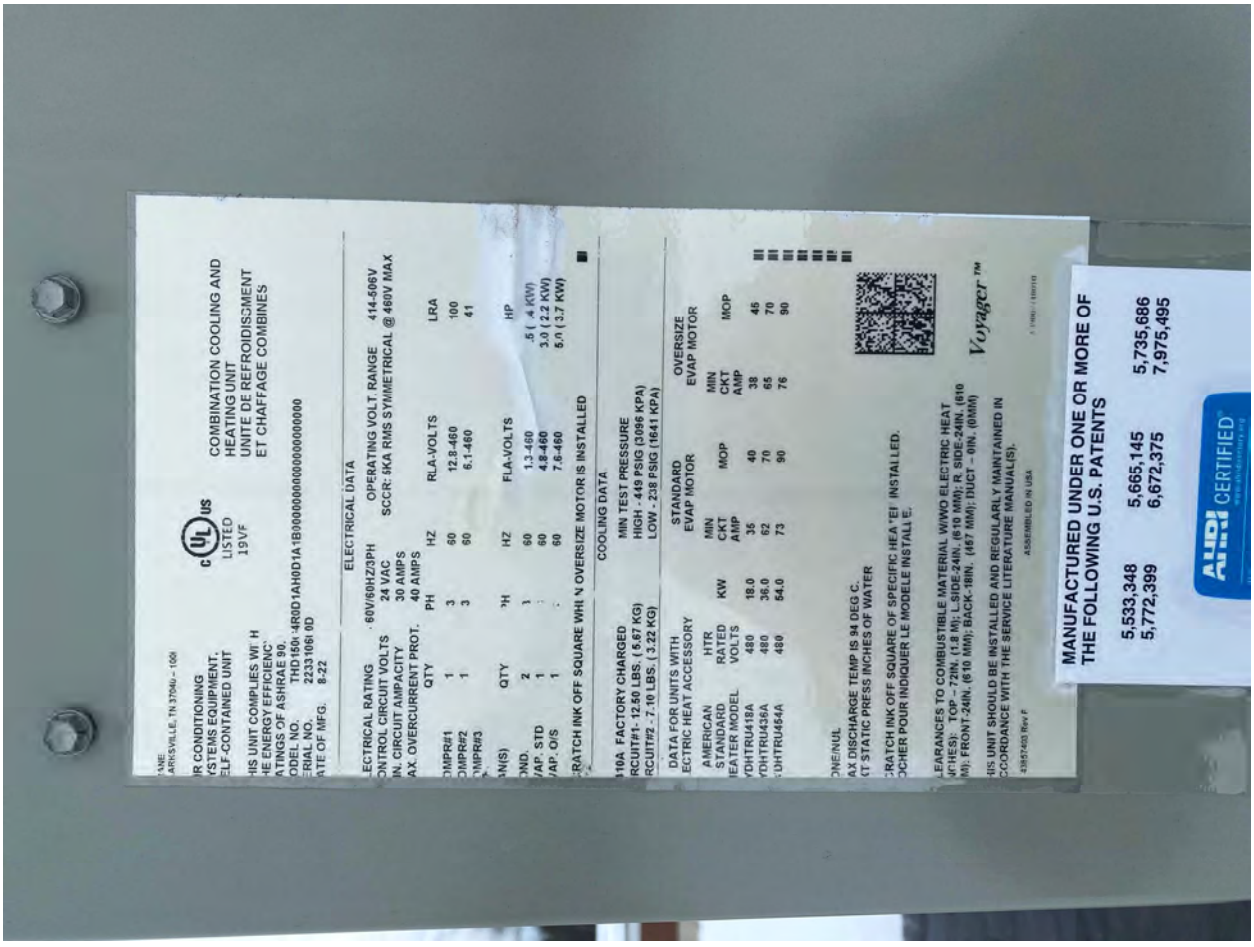
RTU #5:


¡CAERSE DEL EQUIPO!
Utilice las ranuras incorporadas en la parte superior de la unidad durante el servicio. Estas ranuras deben utilizarse con equipos de restricción de desplazamiento que no permiten que una persona llegue al borde de la unidad, pero NO evitan que caiga al piso, ya que las ranuras NO están diseñadas para soportar la fuerza de una persona que cae.
El no realizar lo anteriormente indicado, podría ocasionar la muerte o serias lesiones personales.
¡SERVIC
La unidad contiene equipos adecuados aceite POE aprobad
No realizar lo anted el equipo.
TRANE
CLARKSVILLE, TN 37040
INTELLIPAK™
LISTED
AIR CONDITIONING SYSTEMS EQUIPMENT
MODEL NUMBER SXHLF6040UK7C89D1001A0Z0000B000RT008600
SERIAL NUMBER C21A00373
MODULE NUMBER 1 OF 1
SALES ORDER NO: B2J556AA
REFRIGERATION MACHINE FOR OUTDOOR INSTALLATION ONLY
SEE ADDITIONAL NAMEPLATE IN GAS HEAT SECTION WHEN USED
RATED VOLTAGE 460 HZ 60 PHASE 3
UTILIZATION VOLTAGE RANGE 414-506
NOMINAL SYSTEM VOLTAGES 440-460-480
MINIMUM CIRCUIT AMPACITY
RECOMMENDED DUAL ELEMENT FUSE
MAXIMUM OVERCURRENT PROTECTION DEVICE
CIRCUIT-1 CIRCUIT-2 CIRCUIT-3
160 AMPS
175 AMPS
175 AMPS
QTY VOLTS HZ PHASE RLA EA LRA EA CIRCUIT
COMPRESSOR MOTOR 1A 1 460 60 3 20.2 147 1
COMPRESSOR MOTOR 1B 1 460 60 3 22.2 158 1
COMPRESSOR MOTOR 1C -0- -0-
COMPRESSOR MOTOR 2A 1 460 60 3 20.2 147 1
COMPRESSOR MOTOR 2B 1 460 60 3 22.2 158 1
COMPRESSOR MOTOR 2C -0- -0-
QTY VOLTS HZ PHASE FLA EA HP EA CIRCUIT
CONDENSER FAN MOTOR 6 460 60 3 1.8 1.00 1
CONDENSER PUMP MOTOR -0- -0-
EVAPORATOR FAN MOTOR 1 460 60 3 38.6 30.0 1
EXH/RTN FAN MOTOR 1 460 60 3 18.0 15.0 1
BURNER MOTOR -0- -0-
ENERGY WHEEL MOTOR -0- -0-
ELECTRIC HEAT CKT -0- KW -0-
CONDENSER SUMP HEAT -0- KW -0-
MISCELLANEOUS LOAD 460 60 1 VA -0- 1
CKT 1 CKT 2
REFRIGERANT TYPE R410A 42.75 41.00 LBS
FACTORY CHARGED
DESIGN PRESSURE 650
TEST PRESSURE 650 (PSIG) HIGH / 435 (PSIG) LOW
FOR NONRESIDENTIAL INSTALLATION ONLY
SCCR 5KA RMS SYMMETRICAL @ 460V MAX
THIS UNIT COMPLIES WITH THE ENERGY EFFICIENCY RATINGS OF ASHRAE 90.1
FOR CONTINUED EFFICIENT OPERATION OF THIS UNIT REFER TO MANUALS:
RT-SVP067-EN
UNIT WIRING DIAGRAMS:
2313-3138 2313-3127 2313-3224 2313-3018 1213-3354
2313-3049 1213-3122 2313-3907
1213-3158
4386380 REV-C ASSEMBLED IN U.S.A. X39002718010
PROCEDURES
ALL MOTOR C
STORED VOLT
DRIVE, REFER
CAPACITOR DI
FAILURE TO DO
DEATH OR SER
TEN
COUPER TOUTE
SECTIONNEURS
PROCÉDURES D
ÉTIQUETTES AV
VÉRIFIER QUE TO
MOTEURS SONT
D'UNITÉS COMPO
VITESSE VARIAB
INSTRUCTIONS D
DÉCHARGER LES
NE PAS RESPECT
PRÉCAUTION PEU
GRAVES POUVANT
¡VOL
DESCONECTE TOD
INCLUSO LAS DESC
LOS PROCEDIMIEN
ANTES DE PROCED
DE QUE TODOS LOS
HAYAN DESCARGAD
PARA LAS UNIDADE
VELOCIDAD VARIAB
INSTRUCCIONES PAR
CONDENSADOR.
EL NO REALIZAR LO
PODRÍA OCASIONAR
LESIONES PERSONAL



RTU #6:

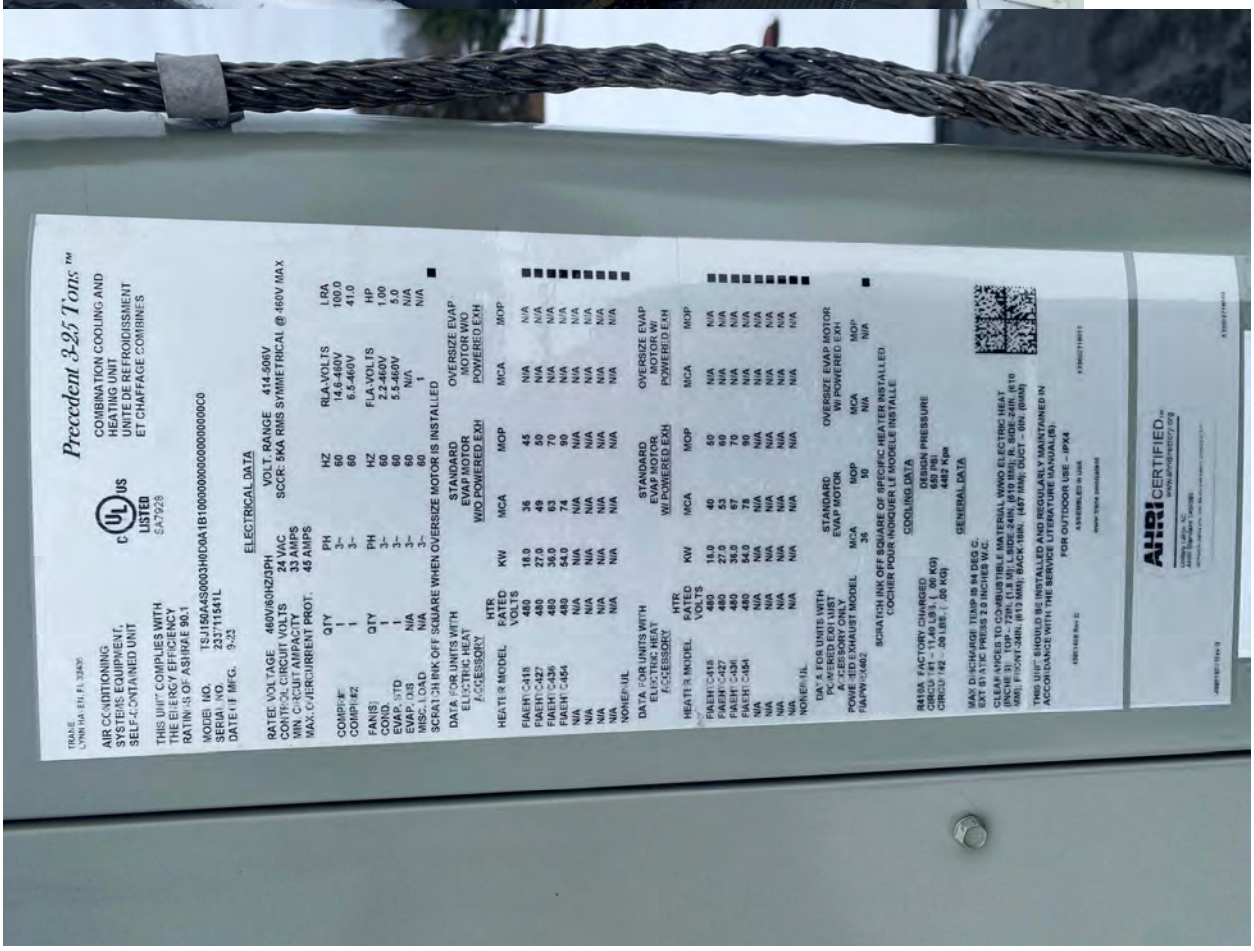



COMBINATION COOLING AND HEATING UNIT
UNITE DE REFROIDISSMENT ET CHAFFAGE COMBINES
ELECTRICAL DATA
COOLING DATA
MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS
5,533,348 5,665,145 5,735,686
5,772,399 6,672,375 7,975,495
AHRI CERTIFIED
Voyager™


RTU-6

RTU #7:




TRANE
LYNN HAVEN, FL 32444
Precedent 3-25 Tons™
AIR CONDITIONING
SYSTEM EQUIPMENT
SELF-CONTAINED UNIT
c UL us
LISTED
COMBINATION COOLING AND
HEATING UNIT
UNITE DE REFROIDISSMENT
ET CHAFFAGE COMBINES
LISTED
5A7928
THIS UNIT COMPLIES WITH
THE ENERGY EFFICIENCY
RATINGS OF ASHRAE 90.1
MODEL NO. TSJ150A4S0003H0D0A1B1000000000000000C0
SERIAL NO. 23Y11141L
DATE OF MFG. 9-23
ELECTRICAL DATA
RATED VOLTAGE 460V/60HZ/3PH
VOLT. RANGE 414-506V
CONTROL CIRCUIT VOLTS 24 VAC
SCCR: 5KA RMS SYMMETRICAL @ 460V MAX
MIN. CIRCUIT AMPACITY 33 AMPS
MAX. OVERCURRENT PROT. 45 AMPS
COMPRESSOR QTY PH HZ RLA-VOLTS LRA
COMPRESSOR 1 3~ 60 14.6-460V 100.0
COMPRESSOR 1 3~ 60 6.5-460V 41.0
FAN(S) QTY PH HZ FLA-VOLTS HP
COND. FAN STD 1 3~ 60 2.2-460V 1.00
EVAP. FAN STD 1 3~ 60 5.5-460V 5.0
EVAP. FAN OPT N/A 3~ 60 N/A N/A
MISC. LOAD N/A 3~ 60 1 N/A
SCRATCH INK OFF SQUARE WHEN OVERSIZE MOTOR IS INSTALLED
DATA FOR UNITS WITH ELECTRIC HEAT ACCESSORY
STANDARD EVAP MOTOR W/O POWERED EXH
OVERSIZE EVAP MOTOR W/O POWERED EXH
HEATER MODEL RATED VOLTS KW MCA MOP MCA MOP
YAEH*C418 480 18.0 40 80 N/A N/A
YAEH*C427 480 27.0 53 90 N/A N/A
YAEH*C436 480 36.0 67 90 N/A N/A
YAEH*C454 480 54.0 78 90 N/A N/A
N/A N/A N/A N/A N/A N/A N/A
N/A N/A N/A N/A N/A N/A N/A
N/A N/A N/A N/A N/A N/A N/A
NONE/FIELD
DATA FOR UNITS WITH ELECTRIC HEAT ACCESSORY
STANDARD EVAP MOTOR W/ POWERED EXH
OVERSIZE EVAP MOTOR W/ POWERED EXH
HEATER MODEL RATED VOLTS KW MCA MOP MCA MOP
YAEH*C418 480 18.0 40 80 N/A N/A
YAEH*C427 480 27.0 53 90 N/A N/A
YAEH*C436 480 36.0 67 90 N/A N/A
YAEH*C454 480 54.0 78 90 N/A N/A
N/A N/A N/A N/A N/A N/A N/A
N/A N/A N/A N/A N/A N/A N/A
N/A N/A N/A N/A N/A N/A N/A
NONE/FIELD
DAT A FOR UNITS WITH POWERED EXHAUST ACCESSORY ONLY
STANDARD EVAP MOTOR
OVERSIZE EVAP MOTOR W/ POWERED EXH
POWERED EXHAUST MODEL MCA MOP MCA MOP
YAPW*C0462 36 50 N/A N/A
SCRATCH INK OFF SQUARE OF SPECIFIC HEATER INSTALLED
COCHER POUR INDIQUER LE MODELE INSTALLE
R410A FACTORY CHARGED
CIRCUIT #1 – 7 LBS 3 OZ. (3.06 KG)
CIRCUIT #2 – 7 LBS 3 OZ. (3.06 KG)
COOLING DATA
DESIGN PRESSURE
650 PSI
4482 Kpa
GENERAL DATA
MAX DISCHARGE TEMP IS 94 DEG C.
EXT STATIC PRESS 2.0 INCHES W.C.
CLEARANCES TO COMBUSTIBLE MATERIAL W/WO ELECTRIC HEAT
(INCHE S): TOP – 72IN. (1.8 M); L.SIDE 24IN. (610 MM); R. SIDE 24IN. (610 MM); FRONT 24IN. (613 MM); BACK-18IN. (457 MM); DUCT – 0IN. (0MM)
THIS UNIT SHOULD BE INSTALLED AND REGULARLY MAINTAINED IN ACCORDANCE WITH THE SERVICE LITERATURE MANUAL(S).
FOR OUTDOOR USE – IPX4
ASSEMBLED IN USA
AHRI CERTIFIED


TRANE
RTU-1

RTU #8:

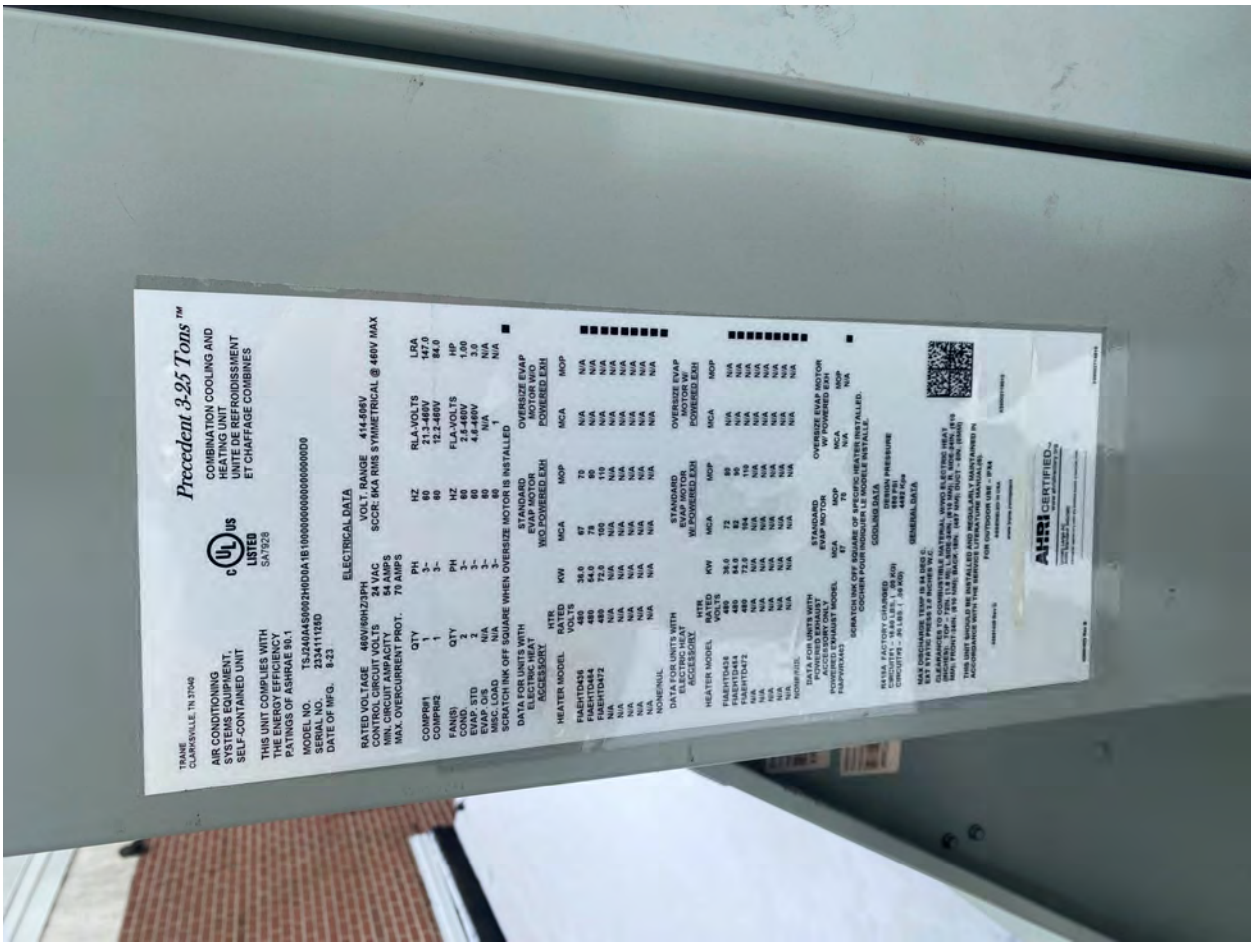



Precedent 3-25 Tons™
AIR CONDITIONING
SYSTEMS EQUIPMENT,
SELF CONTAINED UNIT
COMBINATION COOLING AND
HEATING UNIT
UNITE DE REFROIDISSEMENT
ET CHAUFFAGE COMBINES
LISTED
THIS UNIT COMPLIES WITH
THE ENERGY EFFICIENCY
RATINGS OF ASHRAE 90.1
MODEL NO.
SERIAL NO.
DATE OF MFG.
ELECTRICAL DATA
RATED VOLTAGE
CONTROL CIRCUIT VOLTS
MAX. OVERCURRENT PROT.
COMPR#1
COMPR#2
FAN(S)
COND.
EVAP. STD
EVAP. OS
MISC. COLD
SCRATCH INK OFF SQUARE WHEN OVERSIZE MOTOR IS INSTALLED
DATA FOR UNITS WITH ELECTRIC HEAT ACCESSORY
HEATER MODEL
FIAEHTB418
FIAEHTB427
FIAEHTB435
FIAEHTB444
NONE/NUL
DATA FOR UNITS WITH ELECTRIC HEAT ASSESSORY
DATA FOR UNITS WITH POWERED EXHAUST ACCESSORY
POWERED EXHAUST MODEL
FIAPWRX402
SCRATCH INK OFF SQUARE OF SPECIFIC HEATER INSTALLED
COOLING DATA
DESIGN PRESSURE
4482 Epa
GENERAL DATA
MANUFACTURED UNDER ONE OR MORE OF
THE FOLLOWING U.S. PATENTS
AHRI CERTIFIED


TRANE

RTU #9:




TRANE
CLARKSVILLE, TN 37040
Precedent 3-25 Tons ™
AIR CONDITIONING
SYSTEMS EQUIPMENT,
SELF-CONTAINED UNIT
COMBINATION COOLING AND
HEATING UNIT
UNITE DE REFROIDISSIMENT
ET CHAFFAGE COMBINES
LISTED
SA7928
THIS UNIT COMPLIES WITH
THE ENERGY EFFICIENCY
RATINGS OF ASHRAE 90.1
MODEL NO. TS/240A4S0002H0D0A1B1000000000000000D0
SERIAL NO. 2334111126D
DATE OF MFG. 8-23
ELECTRICAL DATA
RATED VOLTAGE 460V/60HZ/3PH
CONTROL CIRCUIT VOLTS 24 VAC
MIN. CIRCUIT AMPACITY 54 AMPS
MAX. OVERCURRENT PROT. 70 AMPS
VOLT. RANGE 414-506V
SCCR: 8KA RMS SYMMETRICAL @ 460V MAX
COMPR#1 QTY 1 PH 3~ HZ 60 RLA-VOLTS 71.2-460V LRA 147.0
COMPR#2 1 3~ 60 12.2-460V 84.0
FAN(S) QTY 2 PH 3~ HZ 60 FLA-VOLTS 2.5-460V HP 1.00
COND. 2 3~ 60 4.6-460V 3.0
EVAP. STD N/A 3~ 60 N/A N/A
EVAP. LOAD N/A 3~ 60 1 N/A
SCRATCH INK OFF SQUARE WHEN OVERSIZE MOTOR IS INSTALLED
DATA FOR UNITS WITH ELECTRIC HEAT ACCESSORY
HEATER MODEL HTR. RATED VOLTS KW STANDARD EVAP MOTOR W/O POWERED EXH MCA MOP OVERSIZE EVAP MOTOR W/O POWERED EXH MCA MOP
FIAEHT0436 460 36.0 67 70 N/A N/A
FIAEHT0484 480 54.0 75 80 N/A N/A
FIAEHT0472 480 72.0 100 110 N/A N/A
N/A N/A N/A N/A N/A N/A N/A
N/A N/A N/A N/A N/A N/A N/A
N/A N/A N/A N/A N/A N/A N/A
NONE/NUL
DATA FOR UNITS WITH ELECTRIC HEAT ACCESSORY
HEATER MODEL HTR. RATED VOLTS KW STANDARD EVAP MOTOR W/ POWERED EXH MCA MOP OVERSIZE EVAP MOTOR W/ POWERED EXH MCA MOP
FIAEHT0436 460 36.0 72 80 N/A N/A
FIAEHT0484 480 54.0 95 110 N/A N/A
FIAEHT0472 480 72.0 104 110 N/A N/A
N/A N/A N/A N/A N/A N/A N/A
N/A N/A N/A N/A N/A N/A N/A
N/A N/A N/A N/A N/A N/A N/A
NONE/NUL
DATA FOR UNITS WITH ACCESSORY ONLY POWERED EXHAUST/RAB MODEL FIA
STANDARD EVAP MOTOR W/ POWERED EXH MCA 67 MOP 80
OVERSIZE EVAP MOTOR W/ POWERED EXH MCA N/A MOP N/A
SCRATCH INK OFF SQUARE OF SPECIFIC HEATER INSTALLED.
COOLING DATA
R410A FACTORY CHARGED CIRCUIT#1 - 18.9 LBS, 8.6KG CIRCUIT#2 - 20.1 LBS, 9.0KG
DESIGN PRESSURE HIGH 650 PSIG LOW 420 PSIG
GENERAL DATA
MAX ENCLOSURE TEMP 40.56 DEG C
MIN AMBIENT TEMP -34.4 DEG C
CLEARANCES TO COMBUSTIBLE MATERIAL WHEN ELECTRIC HEAT
MIN. FRONT 1.0IN. (25.4MM) MIN. RIGHT SIDE 1.0IN. (25.4MM) MIN. LEFT SIDE 1.0IN. (25.4MM)
THIS UNIT SHOULD BE INSTALLED AND REGULARLY MAINTAINED IN ACCORDANCE WITH THE SERVICE LITERATURE MANUAL.
FOR OUTDOOR USE - IP44
AHRI CERTIFIED


TRANE

RTU #10:

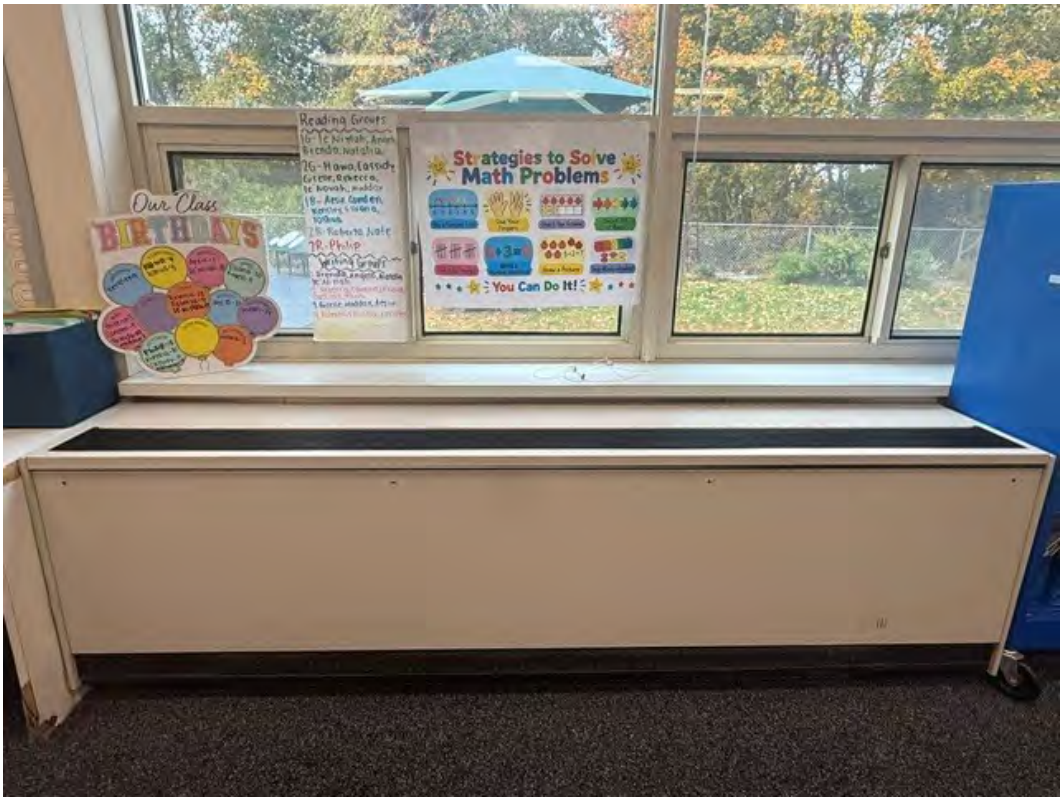
Precedent 3-25 Tons™
AIR CONDITIONING SYSTEMS EQUIPMENT, SELF-CONTAINED UNIT
COMBINATION COOLING AND HEATING UNIT
UNITE DE REFROIDISSMENT ET CHAFFAGE COMBINES
LISTED
THIS UNIT COMPLIES WITH THE ENERGY EFFICIENCY RATINGS OF ASHRAE 90.1
MODEL NO. TEJ150A4S0003H0D0A1B1000000000000000C0
SERIAL NO. 2337116351
DATE OF MFG. 9-23
ELECTRICAL DATA
RATED VOLTAGE 460V/60HZ/3PH
VOLT. RANGE 414-506V
CONTROL CIRCUIT VOLTS 24 VAC
SCCR: 5KA RMS SYMMETRICAL @ 460V MAX
MIN. CIRCUIT AMPACITY 33 AMPS
MAX. OVERCURRENT PROT. 45 AMPS
COMPR#1 QTY 1 PH 3~ HZ 60 RLA-VOLTS 14.6-460V LRA 100.0
COMPR#2 QTY 1 PH 3~ HZ 60 RLA-VOLTS 6.5-460V LRA 41.0
FAN(S) QTY 1 PH 3~ HZ 60 FLA-VOLTS 2.2-460V HP 1.00
COND. FTD 1 3~ 60 5.5-460V 5.0
EVAP. FTD N/A 3~ 60 N/A N/A
MISC. LOAD N/A 3~ 60 1
SCRATCH INK OFF SQUARE WHEN OVERSIZE MOTOR IS INSTALLED
DATA FOR UNITS WITH ELECTRIC HEAT ACCESSORY
STANDARD EVAP MOTOR W/O POWERED EXH
OVERSIZE EVAP MOTOR W/O POWERED EXH
HEATER MODEL | HTR RATED VOLTS | KW | MCA | MOP | MCA | MOP
FIAEHTC418 | 480 | 18.0 | 36 | 45 | N/A | N/A
FIAEHTC427 | 480 | 27.0 | 49 | 50 | N/A | N/A
FIAEHTC436 | 480 | 36.0 | 63 | 70 | N/A | N/A
FIAEHTC454 | 480 | 54.0 | 74 | 90 | N/A | N/A
N/A | N/A | N/A | N/A | N/A | N/A | N/A
N/A | N/A | N/A | N/A | N/A | N/A | N/A
N/A | N/A | N/A | N/A | N/A | N/A | N/A
NONE/N/A | N/A | N/A | N/A | N/A | N/A | N/A
DATA FOR UNITS WITH ELECTRIC HEAT ACCESSORY
STANDARD EVAP MOTOR W/ POWERED EXH
OVERSIZE EVAP MOTOR W/ POWERED EXH
HEATER MODEL | HTR RATED VOLTS | KW | MCA | MOP | MCA | MOP
FIAEHTC418 | 480 | 18.0 | 40 | 50 | N/A | N/A
FIAEHTC427 | 480 | 27.0 | 53 | 60 | N/A | N/A
FIAEHTC436 | 480 | 36.0 | 67 | 70 | N/A | N/A
FIAEHTC454 | 480 | 54.0 | 78 | 90 | N/A | N/A
N/A | N/A | N/A | N/A | N/A | N/A | N/A
N/A | N/A | N/A | N/A | N/A | N/A | N/A
N/A | N/A | N/A | N/A | N/A | N/A | N/A
NONE/N/A | N/A | N/A | N/A | N/A | N/A | N/A
DATA FOR UNITS WITH POWERED EXHAUST ACCESSORY ONLY
STANDARD EVAP MOTOR
OVERSIZE EVAP MOTOR W/ POWERED EXH
POWERED EXHAUST MODEL | MCA | MOP | MCA | MOP
FIAPWSX402 | 35 | 50 | N/A | N/A
SCRATCH INK OFF SQUARE OF SPECIFIC HEATER INSTALLED
COCHER POUR INDIQUER LE MODELE INSTALLE.
R410A FACTORY CHARGED
CIRCUIT #1 – 7.10 LBS. (3.00 KG)
CIRCUIT #2 – 7.10 LBS. (3.00 KG)
COOLING DATA
DESIGN PRESSURE
650 PSI
4482 Kpa
GENERAL DATA
MAX DISCHARGE TEMP IS 94 DEG C.
EXT STATIC PRESS 2.0 INCHES W.C.
CLEARANCES TO COMBUSTIBLE MATERIAL W/WO ELECTRIC HEAT
(INCHES): TOP – 72IN. (1.8 M); L SIDE-24IN. (610 MM); R. SIDE-24IN. (610 MM); FRONT-24IN. (610 MM); BACK-18IN. (457 MM); DUCT – 0IN. (0MM)
THIS UNIT SHOULD BE INSTALLED AND REGULARLY MAINTAINED IN ACCORDANCE WITH THE SERVICE LITERATURE MANUAL(S)
FOR OUTDOOR USE – IPX4
ASSEMBLED IN USA
AHRI CERTIFIED



UNIT VENTILATORS

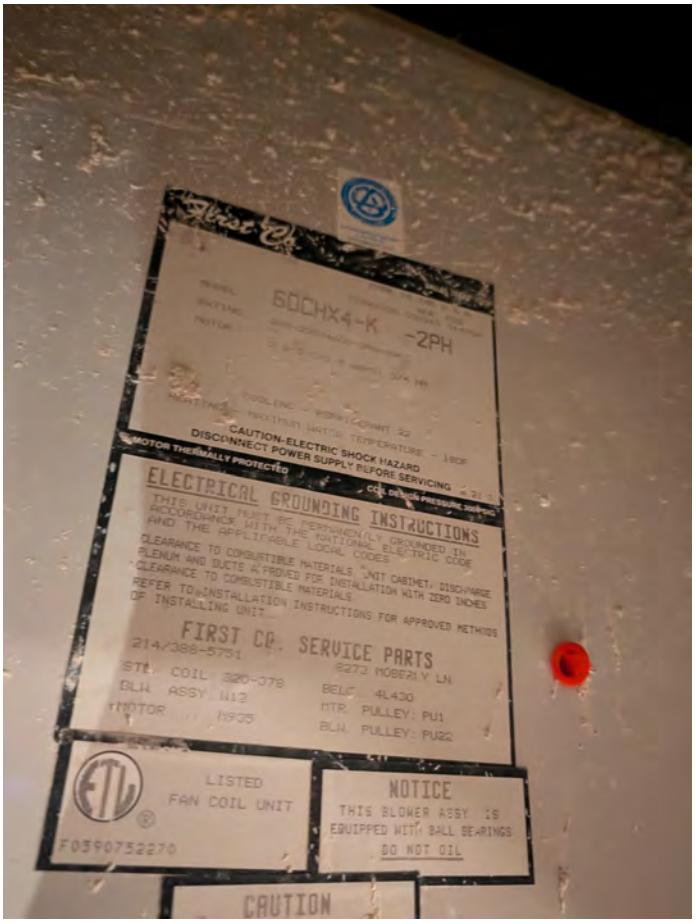



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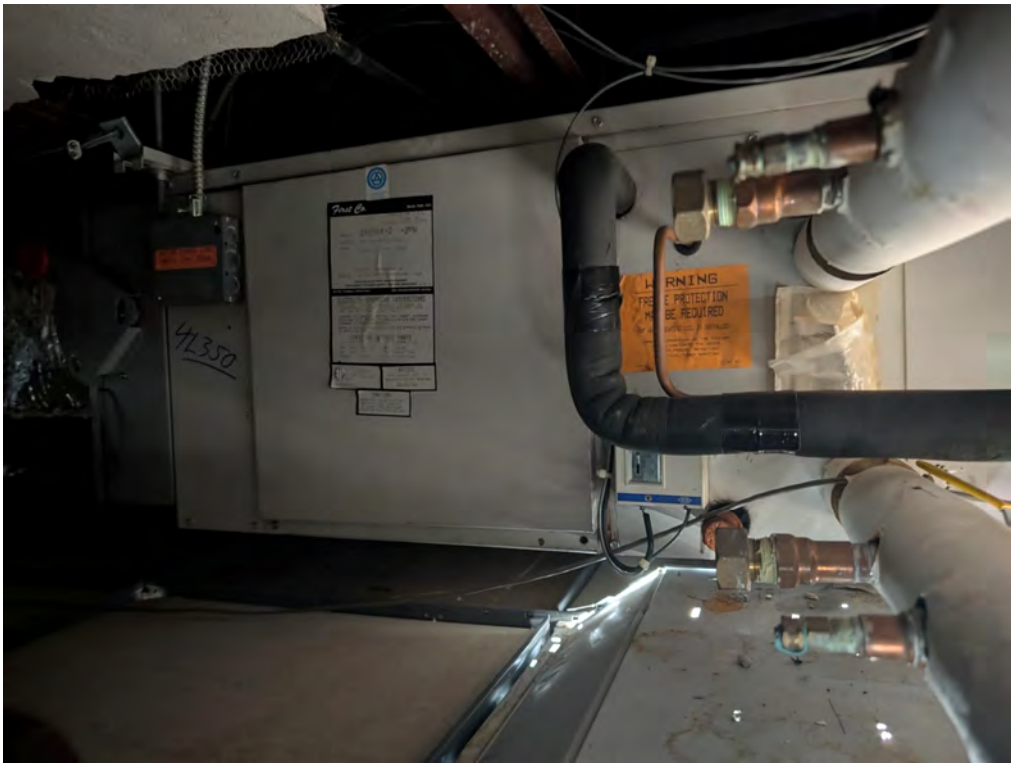

Our Class
BIRTHDAYS
Strategies to Solve Math Problems
You Can Do It!

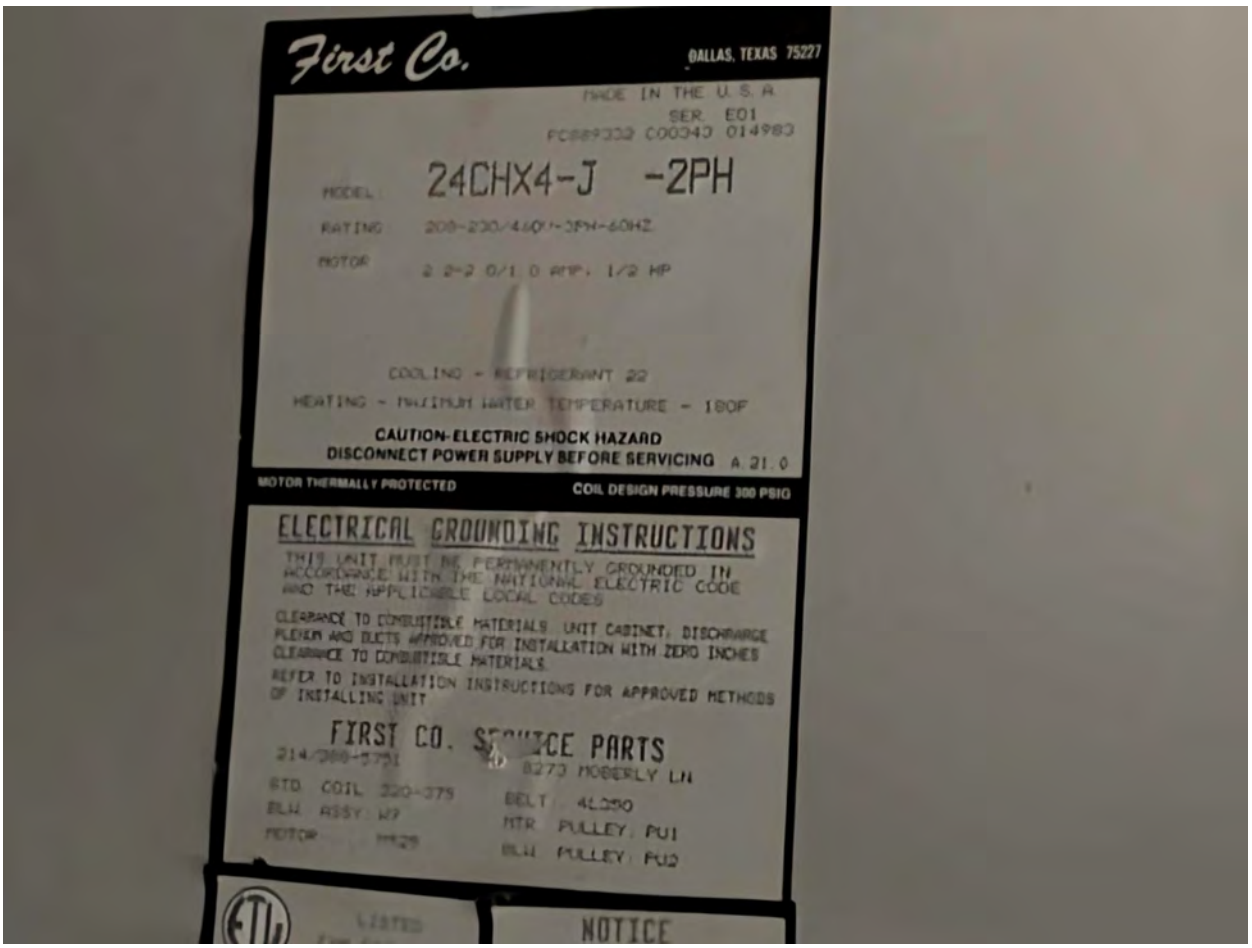
Fan Coil No. 1




60CHX4-K -2PH
CAUTION-ELECTRIC SHOCK HAZARD
DISCONNECT POWER SUPPLY BEFORE SERVICING
MOTOR THERMALLY PROTECTED
ELECTRICAL GROUNDING INSTRUCTIONS
FIRST CO. SERVICE PARTS
LISTED
FAN COIL UNIT
NOTICE
THIS BLOWER ASSY IS
EQUIPPED WITH BALL BEARINGS
DO NOT OIL
CAUTION

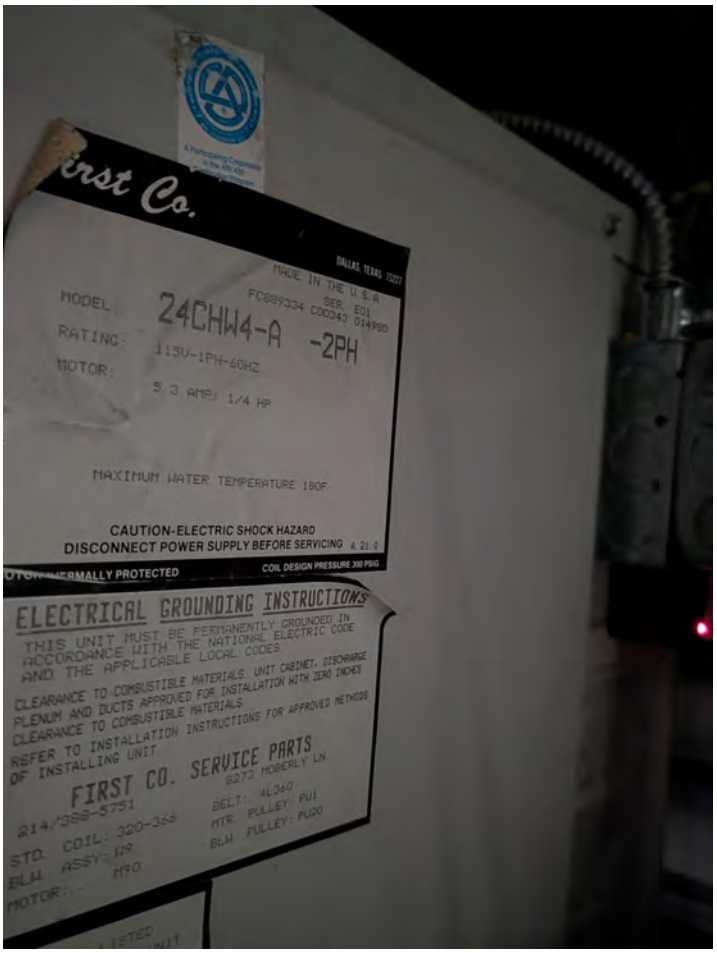
Fan Coil No. 2


4L350


First Co.
DALLAS, TEXAS 75227
MADE IN THE U.S.A.
SER. E01
24CHX4-J -2PH
MODEL
RATING
MOTOR
COOLING - REFRIGERANT 22
HEATING - MAXIMUM WATER TEMPERATURE - 180F
CAUTION-ELECTRIC SHOCK HAZARD
DISCONNECT POWER SUPPLY BEFORE SERVICING
MOTOR THERMALLY PROTECTED
COIL DESIGN PRESSURE 300 PSIG
ELECTRICAL GROUNDING INSTRUCTIONS
THIS UNIT MUST BE PERMANENTLY GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND THE APPLICABLE LOCAL CODES
CLEARANCE TO COMBUSTIBLE MATERIALS: UNIT CABINET, DISCHARGE PLENUM AND DUCTS APPROVED FOR INSTALLATION WITH ZERO INCHES CLEARANCE TO COMBUSTIBLE MATERIALS.
REFER TO INSTALLATION INSTRUCTIONS FOR APPROVED METHODS OF INSTALLING UNIT
FIRST CO. SERVICE PARTS
8273 MOBERLY LN
STD COIL 320-375
BELT 4L350
BLW ASSY W7
MTR PULLEY PU1
BLW PULLEY PU2
NOTICE

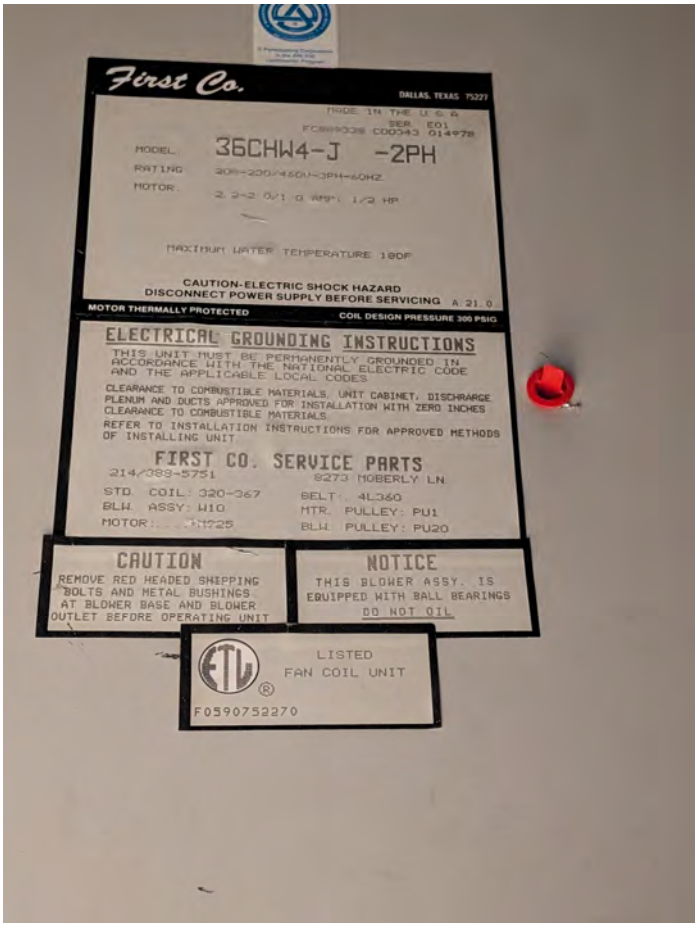
Fan Coil No. 5


Fcu-5


MADE IN THE U.S.A.
MODEL: 24CHW4-A -2PH
RATING: 115V-1PH-60HZ
MOTOR: 5.3 AMPS 1/4 HP
MAXIMUM WATER TEMPERATURE 180F
CAUTION-ELECTRIC SHOCK HAZARD
DISCONNECT POWER SUPPLY BEFORE SERVICING
COIL DESIGN PRESSURE 300 PSIG
ELECTRICAL GROUNDING INSTRUCTIONS
THIS UNIT MUST BE PERMANENTLY GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND THE APPLICABLE LOCAL CODES
CLEARANCE TO COMBUSTIBLE MATERIALS UNIT CABINET, DISCHARGE PLENUM AND DUCTS APPROVED FOR INSTALLATION WITH ZERO INCHES CLEARANCE TO COMBUSTIBLE MATERIALS
REFER TO INSTALLATION INSTRUCTIONS FOR APPROVED METHODS OF INSTALLING UNIT.
FIRST CO. SERVICE PARTS
8273 MOBERLY LN.
214/388-5751
STD. COIL: 320-366
BELT: 4L360
MTR. PULLEY: FU1
BLW. PULLEY: PU20
BLW. ASSY: W9
MOTOR: M90

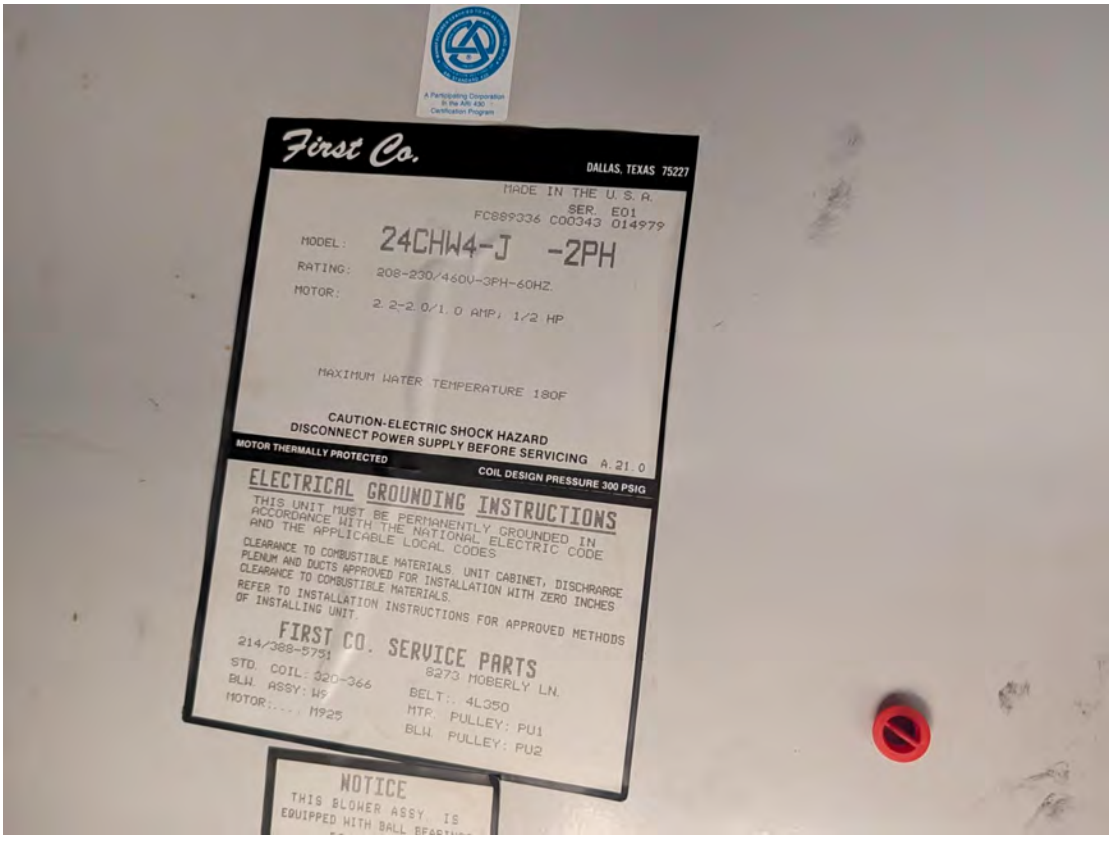
Fan Coil No. 7


FCU #7


First Co.
DALLAS, TEXAS 75227
MODEL 36CHW4-J -2PH
RATING
MOTOR
MAXIMUM WATER TEMPERATURE 180F
CAUTION-ELECTRIC SHOCK HAZARD
DISCONNECT POWER SUPPLY BEFORE SERVICING
MOTOR THERMALLY PROTECTED
COIL DESIGN PRESSURE 300 PSIG
ELECTRICAL GROUNDING INSTRUCTIONS
THIS UNIT MUST BE PERMANENTLY GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND THE APPLICABLE LOCAL CODES
CLEARANCE TO COMBUSTIBLE MATERIALS, UNIT CABINET, DISCHARGE PLENUM AND DUCTS APPROVED FOR INSTALLATION WITH ZERO INCHES CLEARANCE TO COMBUSTIBLE MATERIALS.
REFER TO INSTALLATION INSTRUCTIONS FOR APPROVED METHODS OF INSTALLING UNIT
FIRST CO. SERVICE PARTS
214/383-5751
9273 MOBERLY LN
STD. COIL: 320-367
BELT: 4L360
BLW. ASSY: W10
MTR. PULLEY: PU1
MOTOR:
BLW. PULLEY: PU20
CAUTION
REMOVE RED HEADED SHIPPING BOLTS AND METAL BUSHINGS AT BLOWER BASE AND BLOWER OUTLET BEFORE OPERATING UNIT
NOTICE
THIS BLOWER ASSY. IS EQUIPPED WITH BALL BEARINGS
DO NOT OIL
LISTED
FAN COIL UNIT
F0590752270

Fan Coil No. 8




First Co.
DALLAS, TEXAS 75227
MADE IN THE U. S. A.
SER. E01
FC889336 C00343 014979
MODEL: 24CHW4-J -2PH
RATING: 208-230/460V-3PH-60HZ.
MOTOR: 2.2-2.0/1.0 AMP, 1/2 HP
MAXIMUM WATER TEMPERATURE 180F
CAUTION-ELECTRIC SHOCK HAZARD
DISCONNECT POWER SUPPLY BEFORE SERVICING
MOTOR THERMALLY PROTECTED
A 21.0
COIL DESIGN PRESSURE 300 PSIG
ELECTRICAL GROUNDING INSTRUCTIONS
THIS UNIT MUST BE PERMANENTLY GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND THE APPLICABLE LOCAL CODES
CLEARANCE TO COMBUSTIBLE MATERIALS. UNIT CABINET, DISCHRARGE PLENUM AND DUCTS APPROVED FOR INSTALLATION WITH ZERO INCHES CLEARANCE TO COMBUSTIBLE MATERIALS.
REFER TO INSTALLATION INSTRUCTIONS FOR APPROVED METHODS OF INSTALLING UNIT.
FIRST CO. SERVICE PARTS
214/368-5751
8273 MOBERLY LN.
STD. COIL: 020-366
BLW. ASSY: W5
MOTOR: M925
BELT: 4L350
HTR. PULLEY: PU1
BLW. PULLEY: PU2
NOTICE
THIS BLOWER ASSY. IS
EQUIPPED WITH BALL