November 9, 2026

TO: **All Potential Proposers**

SUBJECT: **DOCO Jail HVAC Rebuild & Cooling Tower Installation**

RFP. **#27-031**

Bid Opening Date & Time: **November 13, 2026, 2:30 p.m.**

ADDENDUM NO. #1
The items contained in this addendum are added to and/or deleted from and become part of the specifications and proposal documents for the above-referenced Invitation to Bid. Bidders **must acknowledge receipt** of the Addendum on the Bid Form, located in the invitation to bid, when the bids are submitted.

ADD/DELETE:
ADD: A 5% Bid Bond is required and must be included with the submission for the bid to be read or considered. 100% Performance and Payment bonds will be required of the successful bidder.

DELETE: "Provide 5-year warranty on machine and workmanship", on page 8, number 26.
ADD: "Provide a 2-year warranty on motor, a 5-year warranty on all other components, and a workmanship warranty of 5-years.", on page 8, number 26. (Please reference question #3)

QUESTIONS/ANSWERS:

QUESTION #1: Will cooling tower proposals utilizing alternative construction materials be considered, provided they meet all performance and specification requirements and include a minimum 20-year warranty?
Answer: The cooling Tower proposal is for the removal and install of the new specified cooling tower that will be purchased on State Contract pricing.

QUESTION #2: Will alternative equipment proposals be considered if they comply with the project's performance and operational requirements, while utilizing equipment different from that specifically identified in the project scope?
Answer: At this time, we are only requesting what the RFP specifies.

QUESTION #3: Could we please have specified if the warranty is to include a 10 Year Parts, Labor, and Refrigerant? Or just parts and labor? Can we provide a 2-year Trane Factory Warranty on machine and workmanship?

Answer: Please provide the warranty with both options if possible. Per the Trane Manufacture, they will not warranty the motors for the chillers for five years due to the fact they are not sure they could get the components to repair the motors if they failed. They will warranty the motors for two years and all other components on the machines for five years. Please provide a warranty on workmanship for five years.

QUESTION #4: Should 5 years of maintenance be included in the project cost or shown as an annual cost upon completion?
Answer: Please include the annual maintenance as part of the project cost.

End of Addendum 1

Destin Adams
Destin Adams, Buyer

Cc: John Ostrander, DOCO Chief
Pamela Coley, DOCO Jail Colonel
Vince Williams, Jail Maintenance Supervisor
Yazmine Frazier, Procurement Assistant
Darlene Hollis, Procurement Specialist
Jawahn Ware, County Clerk/Procurement Manager

October 15, 2026

REQUEST FOR PROPOSALS
DOCO Jail HVAC Rebuild & Cooling Tower Installation
Reference No. 27-031

Competitive sealed proposals will be received by the City of Albany, **Procurement Division, 222 Pine Avenue, Suite 260, Albany, GA 31701** until **5:00 pm., on November 13, 2026,** from qualified firms for a contract to provide the service to rebuild the chiller and install a cooling tower located at the Dougherty County Jail.

A Pre-Proposal Conference will be held at **10:00 a.m. on October 21, 2026,** at the **Dougherty County Jail, 1302 Evelyn Avenue Albany, GA 31705**, to review requirements and answer questions. Firms are encouraged to submit all questions in writing as well so that an addendum can be issued with all answers and information becoming part of the solicitation. All prospective respondents are encouraged to attend.

Dougherty County strongly encourages Small Business firms to participate in this RFP. All corporations should provide corporate seal, a copy of the Secretary of State's Certificate of Incorporation and listing of the principles of the corporation with their response.

Dougherty County reserves the right to reject any and all responses and to waive technicalities as deemed to be in the best interest of the County. Dougherty County reserves the right to request additional information from a respondent(s) as deemed necessary to analyze responses.

For additional information, contact Destin Adams, Buyer, at (229)302-1461 or email dadams@albanyga.gov cc: jswilliams@albanyga.gov and kross@albanyga.gov. The deadline for questions is **5:00 pm on November 6, 2026**. Questions received after this deadline may not be answered. Replies of substance will be in the form of written addenda and made available to all potential respondents.

City of Albany,

Joshua Williams

Joshua Williams, CPPB
Procurement Manager

DOUGHERTY COUNTY
PROCUREMENT DIVISION
INSTRUCTION TO BIDDERS

These instructions will bind bidders to terms and conditions herein set forth, except as specifically qualified in special bid and contract terms issued with any individual bid.

1. The following criteria are used in determining low responsible bidder.
   (a) The ability, capacity, and skill of bidder to perform required service.
   (b) Whether bidder can perform service promptly or within specified time.
   (c) The character, integrity, reputation, judgment, experience, and efficiency of bidder.
   (d) The performance of previous contracts.
   (e) The suitability of equipment or material for County use.
   (f) The ability of bidder to provide future maintenance and parts service.
2. Payment terms are Net 30 unless otherwise specified. Favorable term discounts may be offered and will be considered in determining low bids if they are deemed advantageous to the County.
3. All bids should be tabulated, totaled, and checked for accuracy. The unit price will prevail in case of errors.
4. All requested information should be included in bid envelope. All desired information must be **signed** and included for your bid to receive full consideration**. Failure to submit any required form will be cause for bid to be rejected as non-responsive.**
5. All questions, inquiries, and requests for clarification shall be directed to Procurement.
6. For multi-year contracts the following clauses under OCGA 36-60-13 apply: (1) The contract shall terminate absolutely and without further obligation on the part of the County at the close of the calendar year in which it was executed and at the close of each succeeding calendar year for which it may be renewed; (2) The contract may provide for automatic renewal unless positive action is taken by the County to terminate such contract, and the nature of such action shall be determined by the County and specified in the contract; (3) The contract shall state the total obligation of the County for the calendar year of execution and shall further state the total obligation which will be incurred in each calendar year renewal term, if renewed; and (4) The contract shall provide that title to any supplies, materials, equipment, or other personal property shall remain in the vendor until fully paid for by the County.
7. Quote all prices F.O.B. Albany, Georgia, or our warehouse or as specified in bid documents.
8. Each bid or proposal shall be clearly marked on the outside of the envelope as a Sealed Bid whether using a County furnished envelope or other envelopes.
9. Bid/Proposal must be received and stamped by the Procurement Office before time stipulated in bid/proposal documents. No responsibility will attach to any County representative or employee for premature opening of bid not properly addressed or identified.
10. If only one bid is received, the bid may be rejected and/or re-advertised, except in the case of only one known source of supply.
11. Bids received late will not be accepted, and the County will not be responsible for late mail delivery.
12. Should a bid be misplaced by the County and found later it will be considered.
13. Bids requiring bid bonds **will not** be read or considered if bond is not enclosed. Bond may be in the form of cash, certified check, cashier's check, or Surety Bond issued by a Surety Company licensed to conduct business in Georgia.
14. All bidders must be recognized and authorized dealers in the materials or equipment specified and be qualified to advise in their application or use. A bidder at any time requested must satisfy the Procurement Office and County Commission that he has the requisite organization, capital, plant, stock, ability, and experience to satisfactorily execute the contract in accordance with the provisions of the contract in which he is interested.
15. Any alterations, erasures, additions, or omissions of required information or any changes of specifications, or bidding schedule are done at the risk of the bidder. Any bid will be rejected that has a substantial variation, such as a variation that affects the price, quality, or delivery date (when delivery is required by a specific time).
16. When requested, SAMPLES will be furnished free of expense, properly marked for identification, and accompanied by list where there is more than one sample. The County reserves the right to mutilate or destroy any samples submitted whenever it may be in the best interests of the County to do so for the purpose of testing.
17. County will reject any material, supplies, or equipment that do not meet the specifications, even though bidder lists the trade name or names of such materials on the bid or price quotation form.
18. The unauthorized use of patented articles is done entirely at the risk of the successful bidder.
19. The ESTIMATED QUANTITY given in the specifications or advertisement is for the purpose of bidding only. The County may purchase more or less than the estimated quantity, and the vendor must not assume that such estimated quantity is part of the contract.
20. Only the latest model equipment as evidenced by the manufacturer's current published literature, will be considered. Obsolete models of equipment not in production will not be acceptable. Equipment shall be composed of new parts and materials. Any unit containing used parts or having seen any service other than the necessary tests will be rejected. In addition to the equipment specifically called for in the specifications, all equipment cataloged by the manufacturer as standard or required by

the State of Georgia shall be furnished with the equipment. Where required by the State of Georgia Motor Vehicle Code, vehicles shall be inspected and bear the latest inspection sticker of the Georgia Department of Revenue.

21. The successful bidder on motor vehicle equipment shall be required to furnish with delivery of vehicle, Certificate of Origin and Georgia vendors shall provide Georgia Motor Vehicle form MV1.
22. Prospective bidders are responsible for examining the location of the proposed work or delivery and determining, in their own way, the difficulties, which are likely to be encountered in the prosecution of the same.
23. All materials, equipment, and supplies shall be subject to rigid inspection, under the immediate supervision of the Procurement Office and/or the Department to which they are delivered. If defective material, equipment, or supplies are discovered, the contractor, upon being instructed by the Procurement Office, shall remove, or make good such material, equipment or supplies without extra compensation. It is expressly understood and agreed that the inspection of materials by the County will in no way lessen the responsibility of the contractor or release him from his obligation to perform and deliver to the County sound and satisfactory materials, equipment, or supplies. The contractor agrees to pay the cost of all tests on defective material, equipment, or supplies or allow the cost to be deducted from any monies due him by the County.
24. Unless otherwise specified by the procurement office all materials, supplies, or equipment quoted herein must be delivered within thirty (30) days from date of notification or exception noted on bid sheet.
25. A contract **will not** be awarded to any corporation, firm, or individual who is, from any cause, in arrears to the County or who has failed in any former contract with the County to perform work satisfactorily, either as to the character of the work, the fulfillment of the guarantee, or the time consumed in completing the work.
26. Reasonable grounds for supposing that any bidder is interested in more than one proposal/bid for the same item will be considered sufficient cause for rejection of all bids/proposals in which he is interested.
27. Unless otherwise specified the County reserves the right to award each item separately or on a lump sum basis, whichever is in the best interest of the County.
28. The County reserves the right to waive any minor discrepancies, reject any or all bids or proposals, and to purchase any part, all, or none of the services, materials, supplies, or equipment specified.
29. Failure of the bidder to sign the bid or have the signature of any authorized representative or agent on the bid/proposal **IN THE SPACE PROVIDED will** be cause for rejection of the bid. The signature must be written in ink.
30. Any bidder may withdraw his bid at any time before the time set for opening of bids. No bid may be withdrawn without cause in the 60-day period after bids are opened.
31. It is mutually understood and agreed that if any time the Procurement Office shall be of the opinion that the contract or any part thereof is unnecessarily delayed or that the rate of progress or delivery is unsatisfactory, or that the contractor is willfully violating any of the conditions or covenants of the agreement, or is executing the same in bad faith, the Procurement Office shall have the power to notify the aforesaid contractor of the nature of the complaint. The notification shall constitute delivery of notice, or letter, to the address given in bid/proposal. If after three working days of notification the conditions are not corrected to the satisfaction of the Procurement Office, he shall thereupon have the power to take whatever action he may deem necessary to complete the work or delivery herein described or any part thereof, and the expense thereof, so charged, shall be deducted from any paid by the County out of such monies as may become due to the said contractor, under and by virtue of this agreement. In case such expense shall exceed the last said sum, then and in that event, the bondsman or the contractor, his executors, administrators, successors, or assigns, shall pay the amount of such excess to the County on notice by the Procurement Office of the excess due.
32. If the bidder proposes to furnish any item of a foreign make or product, he should write "Foreign" together with the name of the originating country opposite such item on bid/proposal.
33. Any complaint from bidders relative to the Invitation to Bid or any attached specifications should be made prior to the time of opening of bids, otherwise, such complaint cannot be properly considered.
34. No vendor writing restrictive specifications for the County will be allowed to bid on the project.
35. Contracts may be canceled by the County with or without cause with 30-day written notice.
36. Dougherty County has an equal opportunity purchasing policy. The County seeks to ensure that all segments of the business community have access to supplying the goods and services needed by the County programs. The County affirmatively works to encourage utilization of minority business enterprises in our procurement activities. The County provides equal opportunities for all businesses and does not discriminate against any vendors regardless of race, color, religion, age, sex, national origin, or handicap.
37. **All Corporations must provide the corporate seal and a copy of the Secretary of State's Certificate of Incorporation upon request.**
38. Local bidder (domiciled in Dougherty County) will receive bid in the event of tie bids. In the case of tie bids between out-of-town companies or between local concerns, evaluated as equal, bid will be recommended or awarded by chance coin toss, or drawing straws.
39. The contractor shall secure all permits, license certificates, inspections (permanent and temporary), and occupational tax certificate, if applicable before any work can commence. Contractor as well as all known subcontractors must possess or will be required to obtain a City of Albany Occupational Tax Certificate or Registration.
40. **Prior to submitting bid, check website at www.albanyga.gov or call the Procurement Office at 229-431-3211 for any subsequent addendums.**

PROCUREMENT FORM – REVISED 3/18/201local

DOCO Jail HVAC Rebuild & Cooling Tower Installation
GENERAL INFORMATION
RFP #27-031

1. Submit one (1) original and six (6) copies of your proposal on company letterhead and have an authorized official sign documents. Submittals should be clearly marked on the outside as "RFP #27-031, DOCO Jail HVAC Rebuild and Cooling Tower Installation".

2. Proposals must be received no later than 5:00 P.M. November 13, 2026, at the City of Albany Procurement Office, 222 Pine Avenue, Suite 260, Albany, Ga. 31701. Sealed responses may be hand delivered or mailed to the above listed address. SEALED SUBMITTALS MUST BE DELIVERED IN WRITING. VERBAL RESPONSES ARE NOT ACCEPTABLE. Dougherty County assumes no responsibility for submittals received after the advertised deadline or at any office or location other than that specified herein, whether due to mail delays, courier mistake, mishandling, or any other reason. If submittals are delivered by other than hand delivery, it is recommended that the respondent verify delivery. Any submittal received after the specified time and date will not be considered and will be returned unopened to the firm.

3. The contact person for this RFP is Destin Adams, Buyer, at (229) 302-1461. Explanation(s) desired by proposer(s) regarding the meaning or interpretation of this RFP must be requested from the Procurement office, in writing, as is further described below.

   Proposers are advised that from the date of release of this RFP until award of the contract, **NO contact with County personnel related to this RFP is permitted, except as authorized by the Procurement office.** Any such unauthorized contact may result in the disqualification of the proposer's submittal.

4. Requests for additional information or clarifications must be made in writing no later than the date specified in the RFP. The request must contain the proposer's name, address, phone number, and facsimile number. Facsimile will be accepted at (229) 431-2184 or E-mail to dadams@albanyga.gov cc: jswilliams@albanyga.gov; kross@albanyga.gov.

   The Procurement Office will issue responses to inquiries and any other corrections or amendments it deems necessary in written addenda issued prior to the Proposal Due Date. Proposers should not rely on any representations, statements or explanations other than those made in this RFP or in any addendum to this RFP. Where there appears to be a conflict between the RFP and any addenda issued, the last addendum issued will prevail.

   It is the proposer's responsibility to be sure all addenda were received. The proposer should verify with the designated contact person prior to submitting a proposal that all addenda have been received. Proposers should acknowledge the number of addenda received as part of their proposals or sign a copy of the addenda and include it with the proposal submission.

5. Proposals received after the Proposal Due Date and time are late and will not be considered. The proposer may withdraw his/her submitted proposal by providing a written request to the Procurement Division before the stipulated closing date and time. Withdrawal of your proposal will not cause prejudice or interfere with the right of the proposer to submit a new proposal, provided the latter is received by the predetermined date and time provided herein. No proposal may be withdrawn for a period of sixty (60) days following the stipulated closing date.

6. Dougherty County may, at its sole and absolute discretion, reject any and all, or parts of any and all, proposals; re-advertise this RFP; postpone or cancel, at any time, this RFP process; or waive any irregularities in this RFP or in the proposals received as a result of this RFP.

7. All expenses involved with the preparation and submission of proposals to the County, or any work performed in connection therewith shall be borne by the proposer(s). No payment will be made for any responses received, or for any other effort required of or made by the proposer(s) prior to commencement of work as defined by a contract approved by the Dougherty County Board of Commissioners.

8. Proposers may be required to give oral presentations in support of their proposals or to exhibit or otherwise demonstrate the information contained therein.

9. Proposers may take exceptions to any of the terms of this RFP unless the RFP specifically states where exceptions may not be taken. Should a proposer take exception where none is permitted, the proposal may be rejected as non-responsive. All exceptions taken must be specific, and the Proposer must indicate clearly what alternative is being offered to allow the County a meaningful opportunity to evaluate and rank proposals.

   Where exceptions are permitted, the County shall determine the acceptability of the proposed exceptions and the proposals will be evaluated based on the proposals as submitted. The County, after completing evaluations, may accept or reject the exceptions. Where exceptions are rejected, the County may request that the Proposer furnish the services or goods described herein or negotiate an acceptable alternative.

   No proposal shall be accepted from, nor will any contract be awarded to, any proposer who is in arrears to the Dougherty County upon any debt, fee, tax or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the County, or who is otherwise determined to be irresponsible or unreliable by Dougherty County.

10. Dougherty County may award a contract on the basis of information received without the RFP moving through all three phases described in the Selection Process section of the RFP. Therefore, each proposal phase should contain a proposer's best presentation of its position to serve.

    Selection Process Clause: A Proposal Analysis Group (PAG) will review all proposals submitted. Based upon the background information reported in the RFP, the PAG will determine whether the respondent is qualified or unqualified. Cost will not be the sole determining factor in selecting a firm. The Proposal Analysis Group will rank the qualified firms based on the data submitted. The PAG may require each firm to make a formal presentation regarding its qualifications to perform the requested services. The top ranked firms will be selected for final negotiations.

11. The proposer shall comply with all laws, ordinances and regulations applicable to the services contemplated herein, including those applicable to conflict of interest and collusion. Proposers are presumed to be familiar with all Federal, State and local laws, ordinances, codes and regulations that may in any way affect the services offered. No reimbursement will be made by the County for any costs incurred prior to a formal Notice To Proceed should an award of contract result from this solicitation.

12. CONTRACT RENEWAL: Dougherty County seeks a one (1) year firm price contract with no options to renew. In absence of a written notice of termination, the renewals will automatically continue. Either party to this contract may waive their option to exercise the one-year options to this contract by providing written notice to the other party **sixty (60) calendar days** prior to the contract renewal date. Fees may be adjusted based upon the most recent publication of the Consumer Price Index, Southern B/C Issue. Increase will become effective at renewal date. Funding is dependent

upon appropriation by the Dougherty County Board of Commissioners each fiscal year.

13. INDEMNIFICATION: Proposer assumes and agrees to be responsible for all claims for damages for injuries to persons or property arising out of the performance of its contract, whether due to its own default or negligence of its sub-contractors. The proposer agrees to indemnify Dougherty County on account of such claims and further agrees that it will indemnify the County fully against any damages, fines, penalties or forfeitures of any kind which may be imposed upon or levied against the County as the result of the proposer's violation or failure to comply with any valid law, ordinance or regulation of the United States, State of Georgia, or Dougherty COunty, including the Federal Occupational Safety and Health Act of 1970 as amended from time to time or any federal regulation adopted pursuant thereto.

    The proposer shall not be liable for any losses, damages, or expenses caused by negligent, willful or wanton acts, errors or omissions of the County, its officers, employees, agents or representatives.

    To further assure the performance of the covenant, the proposer shall procure and maintain in force, at its expense, liability insurance including Automobile, General and Errors and Omissions of at least $1,000,000 per occurrence and an annual aggregate, where it applies, of at least $2,000,000. The proposer must also certify for Workers Compensation statutory coverage and Employers Liability of at least $1,000,000.

14. TERMINATION OF CONTRACT FOR CONVENIENCE: Dougherty County shall have the right to terminate any contract to be made hereunder for their convenience by giving the proposer **sixty (60) calendar days** written notice of their election to do so and by specifying the effective date of such termination. The proposer shall be paid for its services through the effective date of such termination.

15. TERMINATION OF CONTRACT FOR CAUSE: Provided a contract is awarded, if a proposer shall fail to fulfill any of its obligations hereunder, the County may terminate the agreement with said proposer for such default by giving written notice to the proposer at issue. If this agreement is so terminated, the proposer shall be paid only for work satisfactorily completed. Any termination that could occur would not happen without an opportunity to cure per the conditions outlined in the Contract between the successful proposer and the County.

16. Upon receipt of the proposals by the County, the proposal shall become property of the County without compensation to the proposers, for disposition or usage at discretion of Dougherty County.

17. **Georgia Security and Immigration Compliance Act:** The successful consultant will provide certification that they are in compliance with the Georgia Security and Immigration Compliance Act, certifying that the provisions of O.C.G.A § 36-60-13, Chapter 300-10-1, per the Georgia Department of Labor, if applicable, have been complied with in full. Pursuant to O.C.G.A § 36-60-13, all sub-consultants entering into a contract or agreement for hire on this Project must be registered and participate in the Federal Work Authorization Program*. (See attached document at the end of proposal)*

18. **PROPOSAL RESPONSE:** All vendors/respondents should provide information as detailed in this RFP and any other pertinent information which will assist the Evaluation Committee in selecting the most qualified firm. Dougherty County Staff will be available at the pre-proposal conference to answer questions and offer explanations as needed. Any reply resulting in a change in the Request For Proposal (RFP) will be sent to all attendees. It is highly recommended that all interested proposers attend this conference. This will be the only site visit and tour.

19. Proposer shall provide satisfactory evidence of competency to perform the work presented in the RFP. The minimum requirements are a permanent office, adequate work force and technical qualifications/experience, along with having a suitable financial status to meet obligations incidental to the workplace. **Submit with your proposal satisfactory evidence to meet these requirements.**

20. The proposer will give immediate notice to the County of any claims or suits made or filed against the vendor or its subcontractors on any matter pertaining to this contract. The vendor shall cooperate, assist, and consult with the County in any claim, suit, or action made or filed against the County as a result of or relating to the vendors obligation under this contract. Any cancellation or lapse of insurance affecting the operation of the County shall be deemed a material breach of contract and the Administrator must be notified immediately.

21. **EVALUATION CRITERIA:**

Qualifications & Experience	35%
References & Portfolio	30%
Project Approach & Understanding	25%
Fees (cost)	10%

Award will be made to the responsible proposer whose proposal best meets the needs of the City of Albany as set forth herein. Proposers will be evaluated on the following criteria:

- **Experience/Qualifications**: The County will consider the proposer's financial stability, staff experience and quality, as well as the proposer's performance on similar projects. **Weight - 35%**

- **References and Portfolio**: The County will evaluate the respondent's portfolio and references provided. Please provide at least three references from previous clients within the past seven years. Links or attachments of a project of a similar scale should be submitted for proposer's portfolio. **Weight -30%**

- **Project Approach and Understanding**: The County will evaluate the respondent's understanding of the work to be performed. The vendor should address the overall concept with this proposal including staffing and responsibilities. Submittal should clearly express the firm's understanding and approach to the proposed project. **Weight -25%**

- **Fee Proposal**: Vendor shall propose a fee schedule with a detailed breakdown of pricing with specific payment terms. **Weight -10%**

22. **Certificate of Non-Collusion:** An executed copy of this form should accompany your submittal. See Attached).

23. **Governing Law & Venue:** An executed copy of this form should accompany your submittal. (See Attached).

Dougherty County Jail
Chiller 1 & 2 Scope of Work

1. Provide all labor, material and rigging.
2. Recover all Freon from chiller. Send to Trane Manufacture to have cleaned to ARI Specifications.
3. Disassemble chiller.
4. Grind chiller shell until all rust has been removed back to original metal. Install two coats of steel industrial primer. Install two coats of Trane specified primer and finish paint.
5. Coat parts with oil to prevent rusting.
6. Pull motor and send to Trane Manufacture for a clean, dip and bake; install with OEM specified bearing from Trane.
7. Pull and clean oil sump.
8. Replace oil pump and motor with OEM Trane specified parts.
9. Reinstall motor.
10. Upgrade evaporator liquid line flange.
11. Upgrade condenser liquid line flange.
12. Rebuild first and third stage vanes.
13. Reassemble chiller using OEM O-rings and gaskets.
14. Install clean-up kit on chiller.
15. Brush and eddy current all tubes.
16. Replace first stage Tang operator.
17. Ensure that all bidders have their businesses within a 250 mile limit from jail facility address, due to warranty issues. Bidders shall be able to respond to warranty items or breakdown within a 3 hour time limit.
18. Leak check chiller and verify no leaks.
19. Perform 24 hour standing pressure test.
20. Upgrade Trane control panel to OEM specified Trane new control panel.
21. Have insulator repair all insulation needed and cover with PVC coating.
22. Evacuate chiller to 500 microns or more and let stand 24 hours.
23. Record rise in pressure.
24. Recharge chiller with cleaned ARI specification Freon and provided additional Freon as needed to fully charge the chiller.
25. Charge with new specified #22 Oil from Trane.
26. Provide 5-year warranty on machine and workmanship.
27. All workmanship will be provided by Trane Certified Technicians. NO Exceptions!
28. Provide as an alternate new chiller pricing with Trane Mag bearing chiller with 10-year warranty.
29. Provide and install OEM train specified new contactors for Chillers. Provide any components in the contactor cabinet that are obsolete at this time.

Tower 1 & 2 Scope of Work

- Provide all labor, material, and rigging.
- Provide new Marley cooling tower.
- Replace Marley with all stainless-steel tower with internal walkways.
- Modify piping as required.
- Insulate as required.
- Provide rental tower if needed or rental air-cooled chiller.
- Provide a 5 year-warranty.

Rental (if needed) Scope of Work

- Install Tees for rental if needed for air cooled chiller.
- Provide generator if needed for rental chiller.
- Provide rental chiller or tower.

Unit Features

Chiller Model	Application Type	Total Power	Refrigerant	Line Volt	Line Frequency	Starter Type
HDWA 500	Standard cooling	244.0 kW	R-513A	480. V	60. Hz	VFD

Unit Overview

Cooling Capacity	450.0 tons
Heating Capacity	6235 MBh
Full Load Cooling Efficiency	0.5423 kW/ton
Cooling COP	6.490 COP (kW/kW)
Insulation	Standard 3/4" unit insulation package
Tracer Controls	BACnet
Compressor	500
NPLV.IP	0.3267 kW/ton
Rated NPLV.IP	0.3267 kW/ton



Selection Tolerances

Selection Tolerance	AHRI Tolerance

Shell Information

	Evaporator	Condenser
	Fluid Temperature	
Entering	57.97 F	85.00 F
Leaving	44.00 F	94.29 F
	Fluid Properties	
Fluid Type	water	water
Fluid Concentration	0.00 %	0.00 %
Fouling Factor	0.000100 hr-sq ft-deg F/ Btu	0.000250 hr-sq ft-deg F/ Btu
	Flow Rate	
Design Flow	770.0 gpm	1350 gpm
Min Flow	204.8 gpm	809.8 gpm
Max Flow	1104 gpm	2124 gpm
	Fluid Pressure Drop	
PD at Design Flow	11.4 psig	14.8 ft H2O
PD at Min Flow	1.65 ft H2O	6.10 ft H2O
PD at Max Flow	54.0 ft H2O	33.8 ft H2O

	Evaporator	Condenser
	Construction Features	
Shell Size	040B	040B
Bundle Size	E	X
Tube Type	TMCU	TECU
Tube Thickness	0.025"	0.028"
Connection Type	Victaulic connection	Victaulic connection
Water box type	Non-marine	Non-marine
Water box pressure	150 psig	150 psig
Wbox Arrangement	Evap in LH end - evap out LH end	Cond in LH end - cond out LH end
Flow Proving	Thermal dispersion flow swith (IFM)	Thermal dispersion flow switch (IFM)
Number of Passes	Two pass evap water box	Two pass cond water box
Fluid Volume	10.19 cu ft	17.00 cu ft

Unit Electrical

Low Voltage AFD type	Unit mounted low voltage AFD	**Min Circuit Ampacity**	419.00 A
AFD frame size	532 max RLA	**Max Overcurrent Protection**	700.00 A
Harmonic filter option	No	**Primary RLA**	336.10 A
Motor	441	**Motor Locked Rotor Amps**	1000.00 A
Total Power	244.0 kW		

Design and Physical Information

Operating Weight	15828.0 lb	**Shipping Weight - No Charge**	13338.0 lb	**Refrigerant charge**	800.0 lb
Agency Listing	U.L. / CUL listed	**Shipping Weight - Charge**	13763.0 lb	**Cond Shell Construction**	ASME condenser construction
AFD Heat Rejected to ambient	16.28 MBh	**Chiller Heat Rejected to ambient**	4.170 MBh		

Information for AHRI and ASHRAE Projects

AHRI 550/590 2015 classification	Certified
ASHRAE 90.1-2013	Complies
ASHRAE 90.1-2016	Complies
ASHRAE 90.1-2019	Complies
ASHRAE 90.1-2022	Complies

Certified in accordance with the AHRI Water-Cooled Water-Chilling and Heat Pump Water-Heating Packages Certification Program, which is based on AHRI Standard 550/590 (I-P) and AHRI Standard 551/591 (SI). Certified units may be found in the AHRI Directory at www.ahridirectory.org.

Warranty

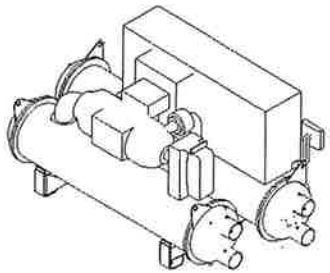
Parts whole unit	2-10th year Parts warranty whole Unit	**Refrigerant quality warranty 1st year**	1st year refrigerant quality warranty
Labor 1st year	1st year labor warranty whole unit	**Refrigerant quality warranty beyond 1st year**	2nd-10th year refrigerant warranty
Labor after 1st year	2nd-10th yr Labor- Whl Unit less STR/AFD		

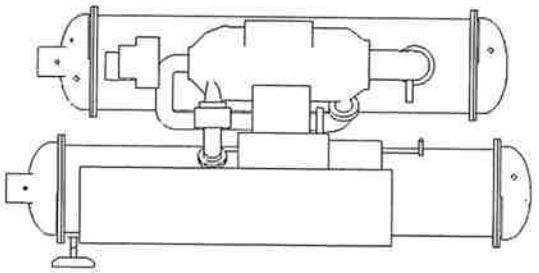
Information for LEED Projects

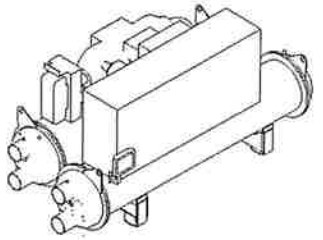
Refrigeration capacity	450.0 tons	**Total power**	244.0 kW
Refrigerant charge	800.0 lb	**NPLV.IP**	0.3267 kW/ton
		Rated NPLV.IP	0.3267 kW/ton

The U.S. Green Building Council's LEED® green building program is the preeminent program for the design, construction, maintenance and operations of high-performance green buildings. It provides independent, third-party verification that a building project meets the highest green building and performance measures.

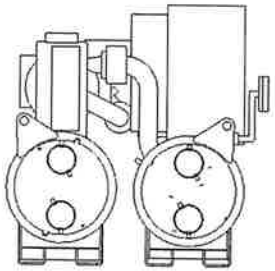
Trane Select Assist Version Number:	55298.00 Each
Data Generation Date:	8/14/2025



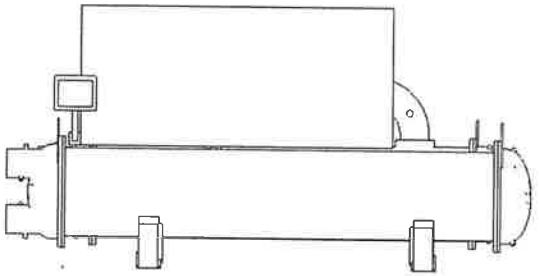




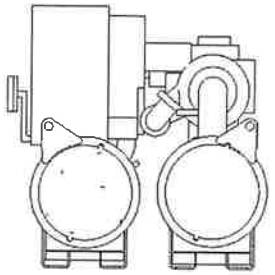
TOP VIEW



LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW

CUSTOMER NOTES:

GRAPHICS ON SUBMITTAL ARE SIMPLIFIED TO SHOW MAJOR ENVELOPE COMPONENTS.
UNIT STRUCTURE AND SUBCOMPONENTS MAY BE REMOVED FOR CLARITY.

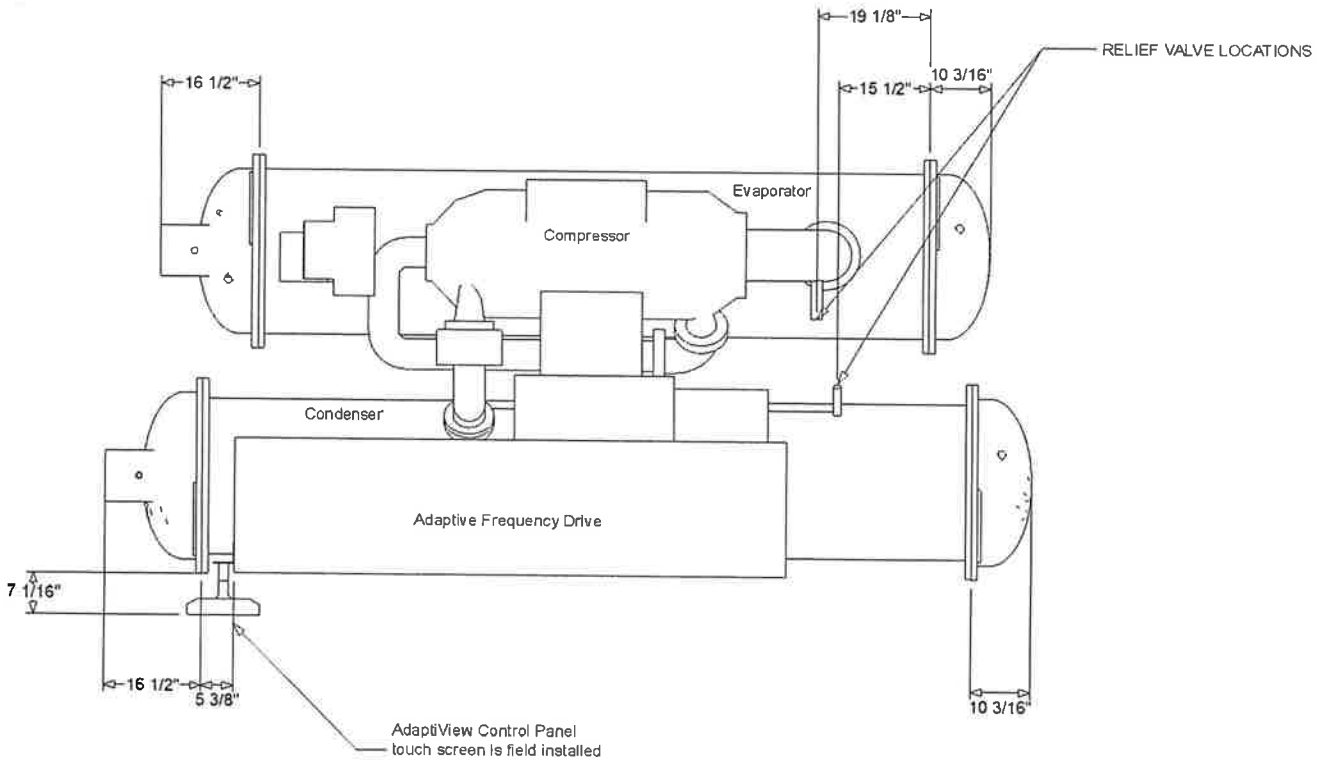
UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCE +/-1/2".
COOLING COND CONNS ARE STRAIGHT OUT THE END OF THE WATER BOX.
WATER BOX DRAIN AND VENT LOCATIONS ARE SHOWN ON THE WATER BOX END PLATES.

SHELL TYPE	CONN DIA	CONN TYPE	FLOW DIRECTION
EVAPORATOR	8"	VICTAULIC	IN BOTTOM OUT TOP
CONDENSER	8"	VICTAULIC	IN BOTTOM OUT TOP

TRANE

Job Name: Dougherty Co. Jail Chiller Replacement 2025
Prepared For:
Sales Office: Savannah

Unit Tag: HDW-1
Quantity: 1



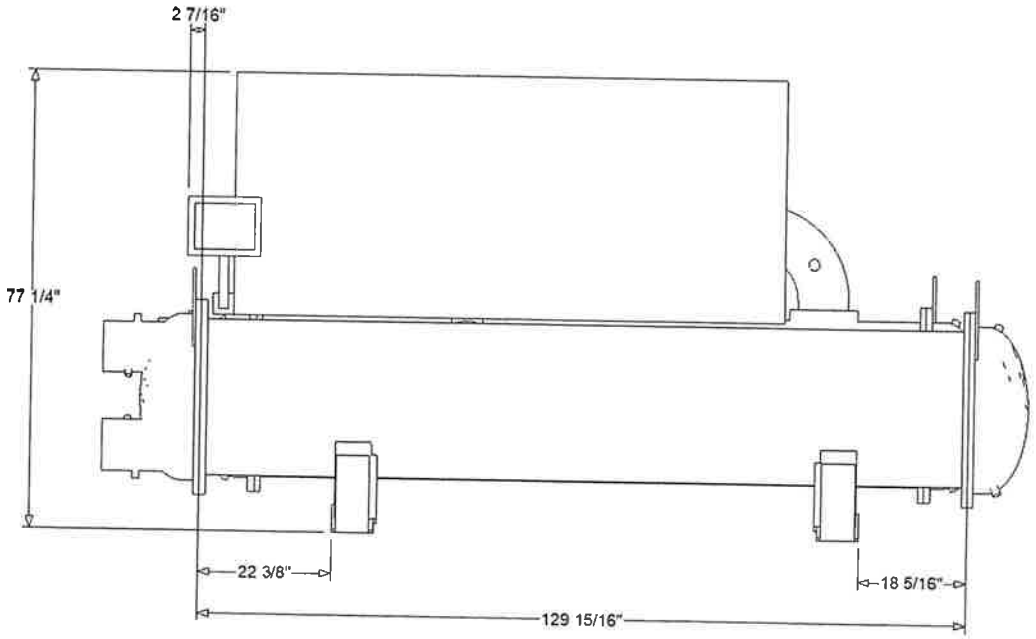
TOP VIEW

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FRONT VIEW

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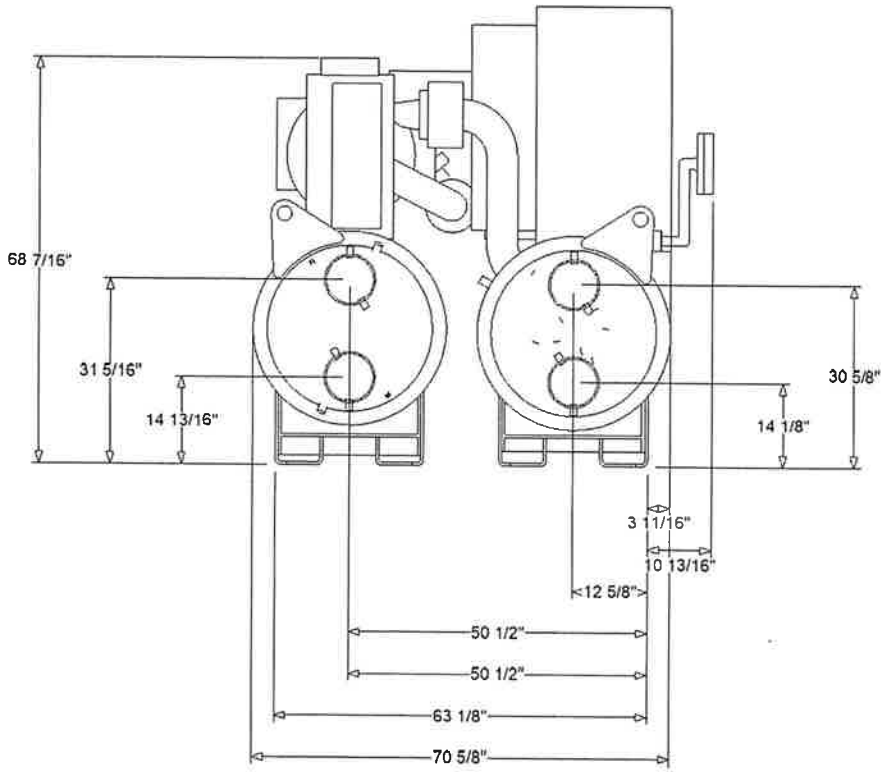
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TRANE

Job Name: Dougherty Co. Jail Chiller Replacement 2025
Prepared For:
Sales Office: Savannah

Unit Tag: HDW-1
Quantity: 1



LEFT SIDE VIEW

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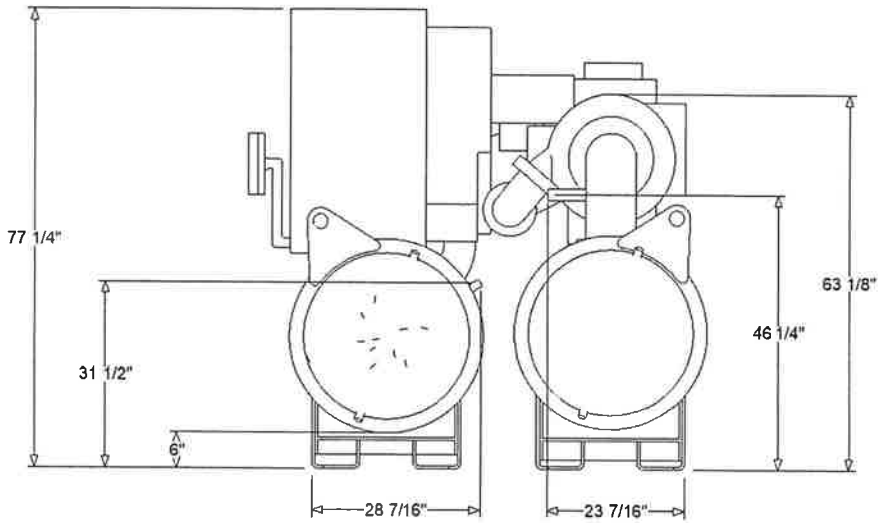
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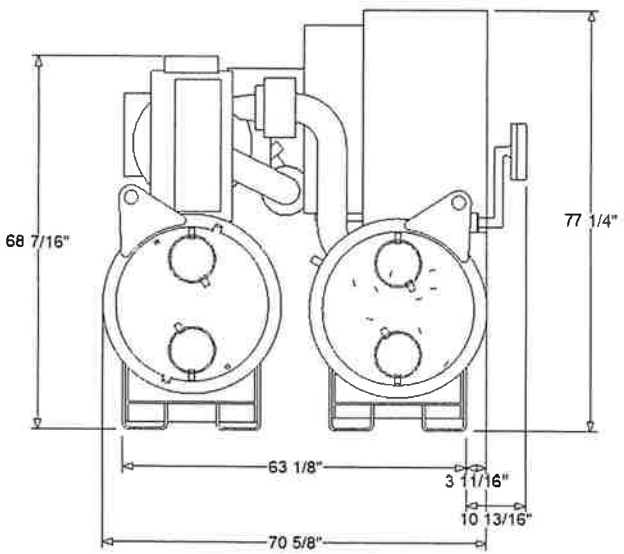
RIGHT SIDE VIEW

CUSTOMER NOTES:

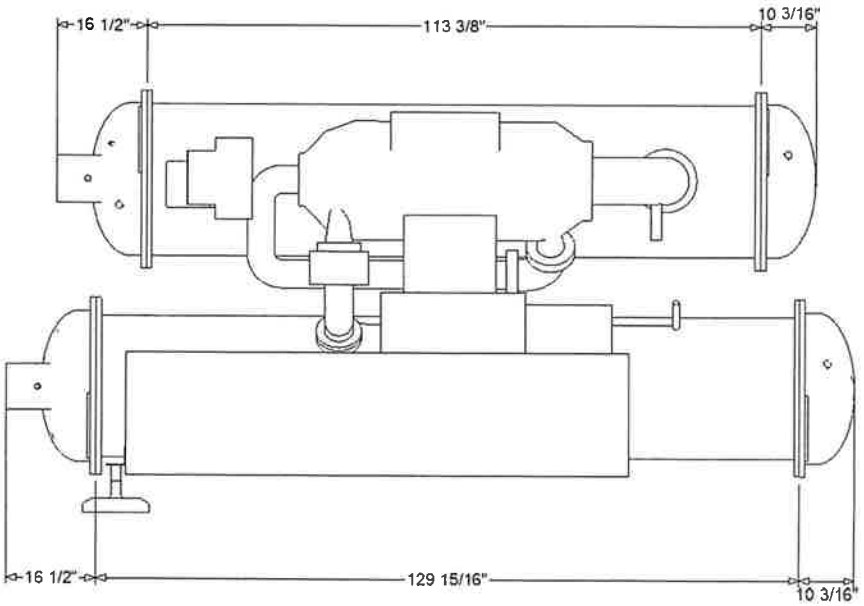
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LEFT SIDE VIEW



TOP VIEW

SHIPPING WEIGHT **	13,336.0 lb
OPERATING WEIGHT	15,828.0 lb
COMPRESSOR SIZE	500
EVAPORATOR SIZE	040B
EVAPORATOR WATERPASS	2
EVAPORATOR WATERBOX ARRANGEMENT	LELE
CONDENSER SIZE	040B
CONDENSER WATERPASS	2
CONDENSER WATERBOX ARRANGEMENT	LELE

* ALL PUBLISHED WEIGHTS ACCURATE TO +/- 10 %

** SHIPPING WEIGHT INCLUDES REFRIGERANT. IF ORDERED WITHOUT, CONSULT PRODUCT SUPPORT FOR DRY SHIP WEIGHT.

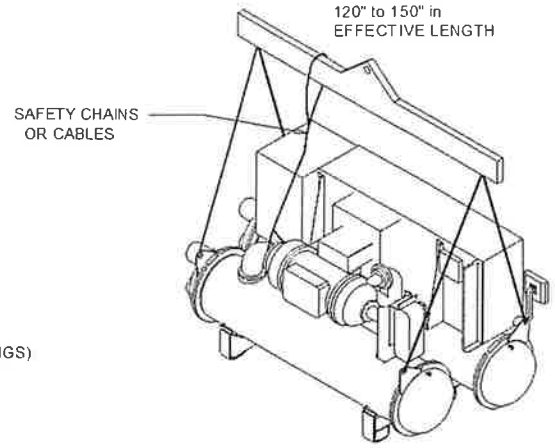
TRANE

Job Name: Dougherty Co. Jail Chiller Replacement 2025
Prepared For:
Sales Office: Savannah

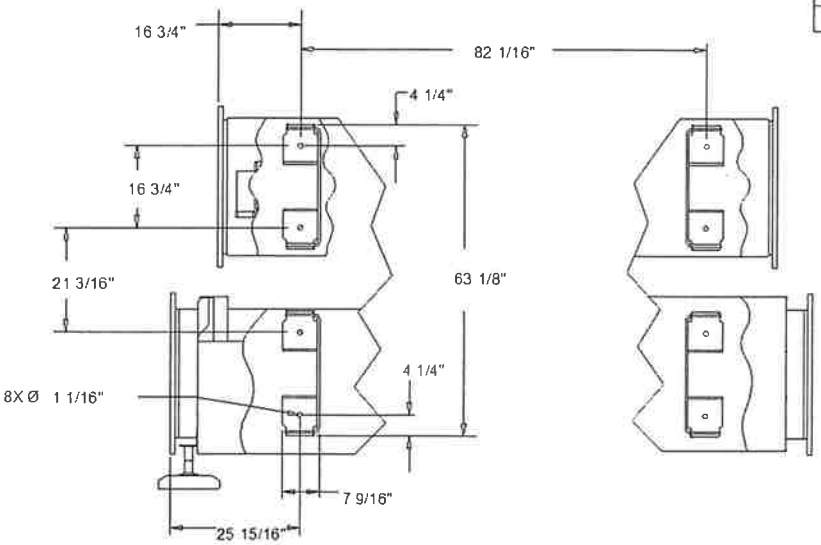
Unit Tag: HDW-1
Quantity: 1

⚠ WARNING

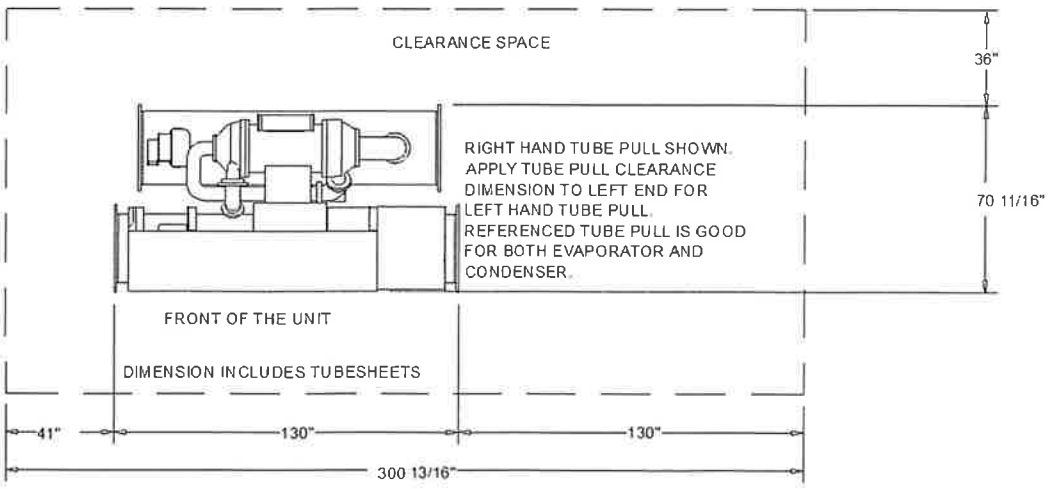
1. HEAVY OBJECTS!
   DO NOT USE CABLES (CHAINS OR SLINGS) EXCEPT AS SHOWN. EACH OF THE CABLES (CHAINS OR SLINGS) USED TO LIFT THE UNIT MUST BE CAPABLE OF SUPPORTING THE ENTIRE WEIGHT OF THE UNIT. LIFTING CABLES (CHAINS OR SLINGS) MAY NOT BE OF THE SAME LENGTH. ADJUST AS NECESSARY FOR EVEN LEVELSINGLE POINT LIFT. OTHER LIFTING ARRANGEMENTS MAY CAUSE EQUIPMENT OR PROPERTY-ONLY DAMAGE. FAILURE TO PROPERLY LIFT UNIT MAY RESULT IN DEATH OR SERIOUS INJURY. SEE DETAILS BELOW.
2. IMPROPER UNIT LIFT!
   TEST LIFT UNIT APPROXIMATELY 12 INCHES TO VERIFY PROPER CENTER OF GRAVITY LIFT POINT. TO AVOID DROPPING OF UNIT, REPOSITION LIFTING POINT IF UNIT IS NOT LEVEL. FAILURE TO PROPERLY LIFT UNIT COULD RESULT IN DEATH OR SERIOUS INJURY OR POSSIBLE EQUIPMENT OR PROPERTY-ONLY DAMAGE.
3. ATTACH SAFETY CHAIN OR CABLE AS SHOWN WITHOUT TENSION, NOT AS A LIFTING CHAIN OR CABLE, BUT TO PREVENT THE UNIT FROM ROLLING.
4. DO NOT FORKLIFT THE UNIT TO MOVE OR LIFT.
5. ONLY USE IDENTIFIED LIFTING HOLES PROVIDED ON CHILLER TO ATTACH CABLES (CHAINS OR SLINGS)
6. 36" (900 MM) RECOMMENDED CLEARANCE ABOVE HIGHEST POINT OF COMPRESSOR.
7. FOLLOW NEC SECTION 110 AND OTHER APPLICABLE LOCAL CODES FOR CLEARANCES IN FRONT OF ELECTRICAL ENCLOSURES.
8. SPECIFIC SHIPPING AND OPERATING WEIGHTS OF THE SUBMITTED CHILLER ARE PROVIDED IF THE CENTRIFUGAL CHILLER SELECTION WAS ENTERED IN TOPSS. CONTACT YOUR LOCAL TRANE SALES ENGINEER IF THIS DATA IS REQUIRED.



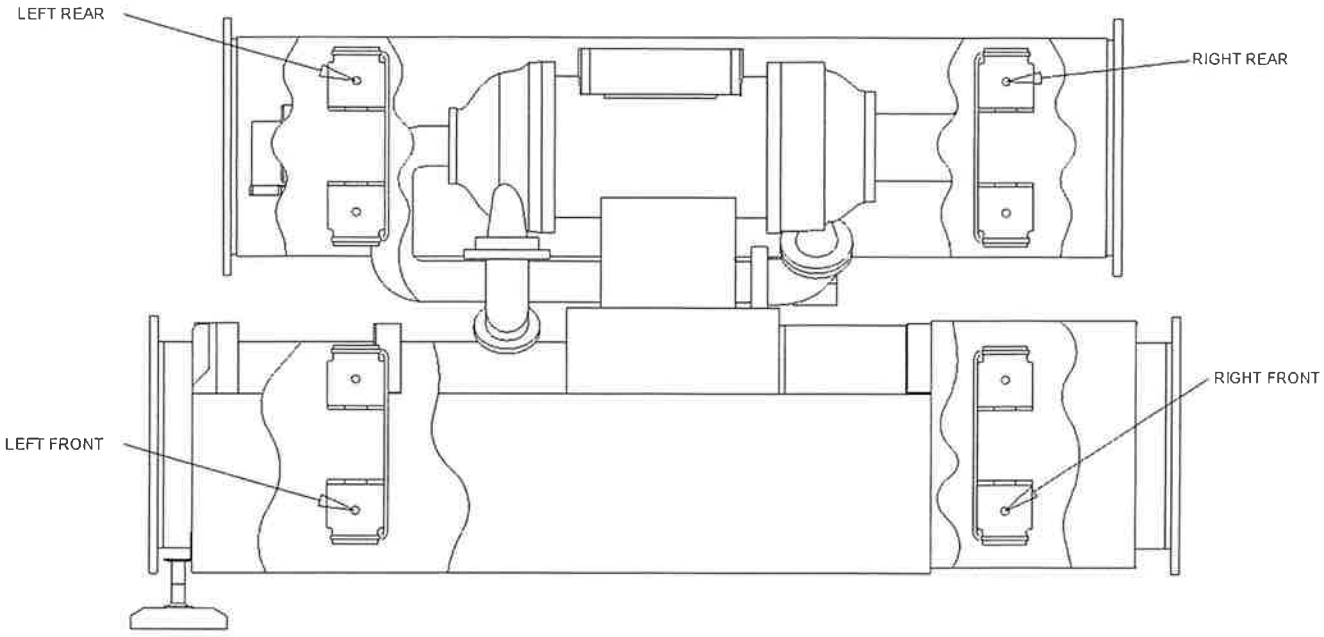
(SEE NOTE 8 ABOVE)	
MAXIMUM SHIPPING	13,338.0 lb
MAXIMUM OPERATING	15,828.0 lb



HOLE DETAILS
TOP VIEW



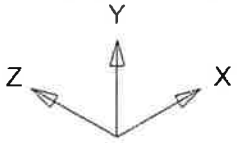
WEIGHTS AND CENTER OF GRAVITY

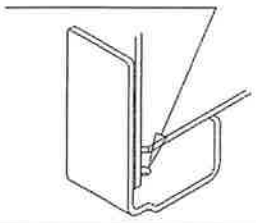


COMPONENT	WEIGHT*
COMPRESSOR WEIGHT	2,888.0 lb
MOTOR WEIGHT	327.0 lb
DRIVE WEIGHT	1,830.0 lb
SUCTION ELBOW WEIGHT	111.0 lb
ECONOMIZER WEIGHT	227.0 lb
EVAPORATOR WEIGHT	2,500.0 lb
EVAPORATOR WATERBOXES WEIGHT	398.0 lb
CONDENSER WEIGHT	3,893.0 lb
CONDENSER WATERBOXES WEIGHT	398.0 lb
MISCELLANEOUS WEIGHT	400.0 lb

UNIT CENTER OF GRAVITY	
CG X (DIMENSION TOWARDS FRONT)	31.000 in
CG Y (HEIGHT DIMENSION FROM FLOOR)	34.000 in
CG Z (DIMENSION FROM RIGHT TO LEFT)	47.000 in

RIGHT FRONT MOUNTING HOLE
BOTTOM OF THIS HOLE IS 0,0,0 POINT
FOR CENTER OF GRAVITY DIMENSIONS





WEIGHTS	
SHIPPING **	OPERATING
13,338.0 lb	15,828.0 lb

NAMEPLATE PRODUCT DESCRIPTION:

MODL	HDWA	VOLT	460	PTON	450.00 tons	NTON	500
EVTM	TMCU	CDTM	TECU	CPKW	441	IMP1	8.504
IMP2	7.165	CDBS	X	EVSZ	040B	EVBS	E
						CDSZ	040B

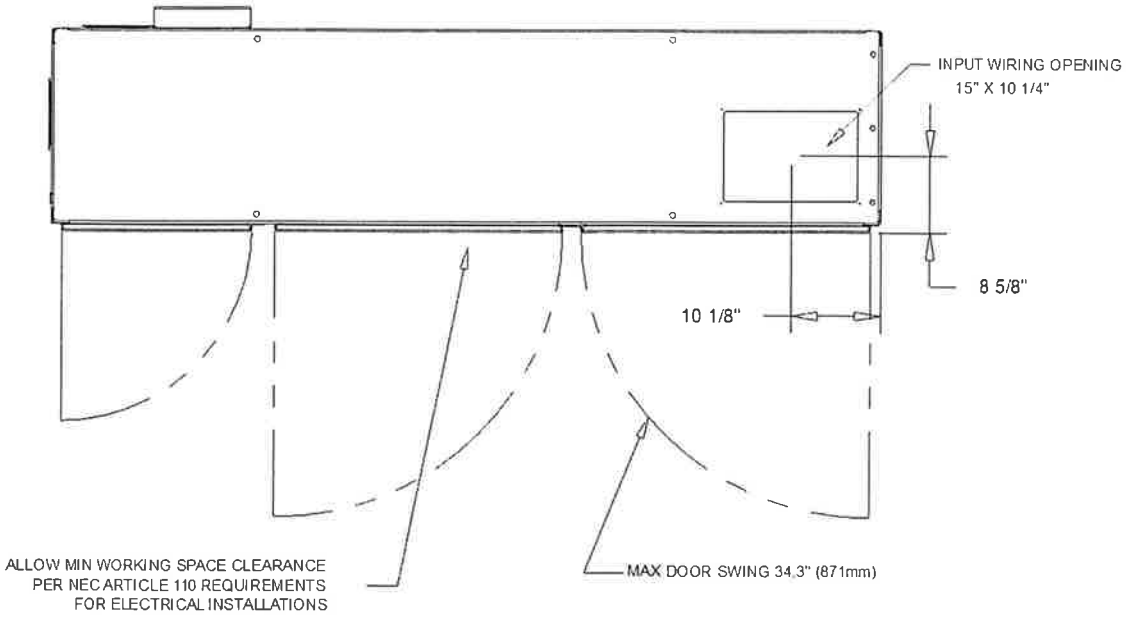
* ALL PUBLISHED WEIGHTS ACCURATE TO +/- 10 %

** SHIPPING WEIGHT INCLUDES REFRIGERANT. IF ORDERED WITHOUT, CONSULT PRODUCT SUPPORT FOR DRY SHIP WEIGHT.

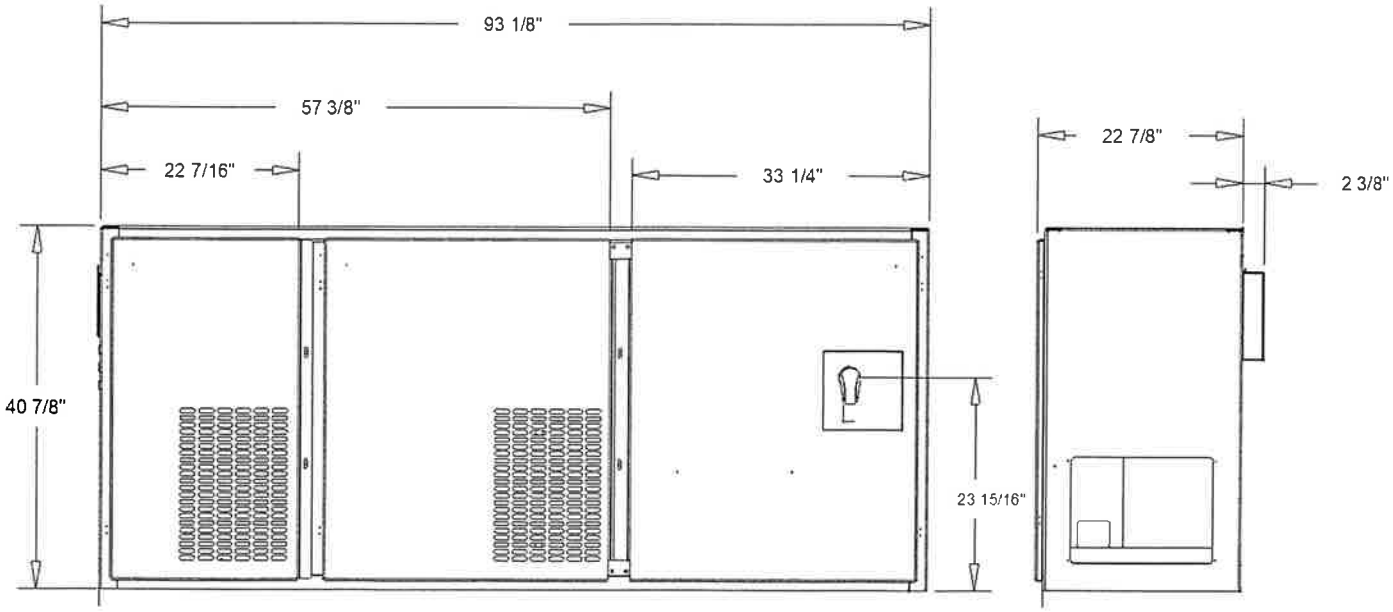
ADAPTIVE FREQUENCY DRIVE

MAX RLA	BREAKER AIC AMPS	SHORT CIRCUIT WITHSTAND RATINGS (RMS SYMETRICAL AMPS)	LINE CONNECTION LUGS ADAPTIVE FREQUENCY DRIVE	TOTAL DRIVE WEIGHT MINUS SHIPPING PALLET
532	65000	65000	(3)2/0-400 MCM	1,830.0 lb

THE NON-FUSED DISCONNECT OR CIRCUIT BREAKER IS DESIGNED FOR USE AS A SERVICE DISCONNECT ONLY.



TOP VIEW

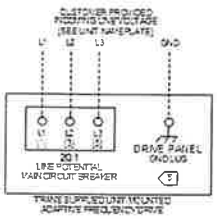


FRONT ELEVATION

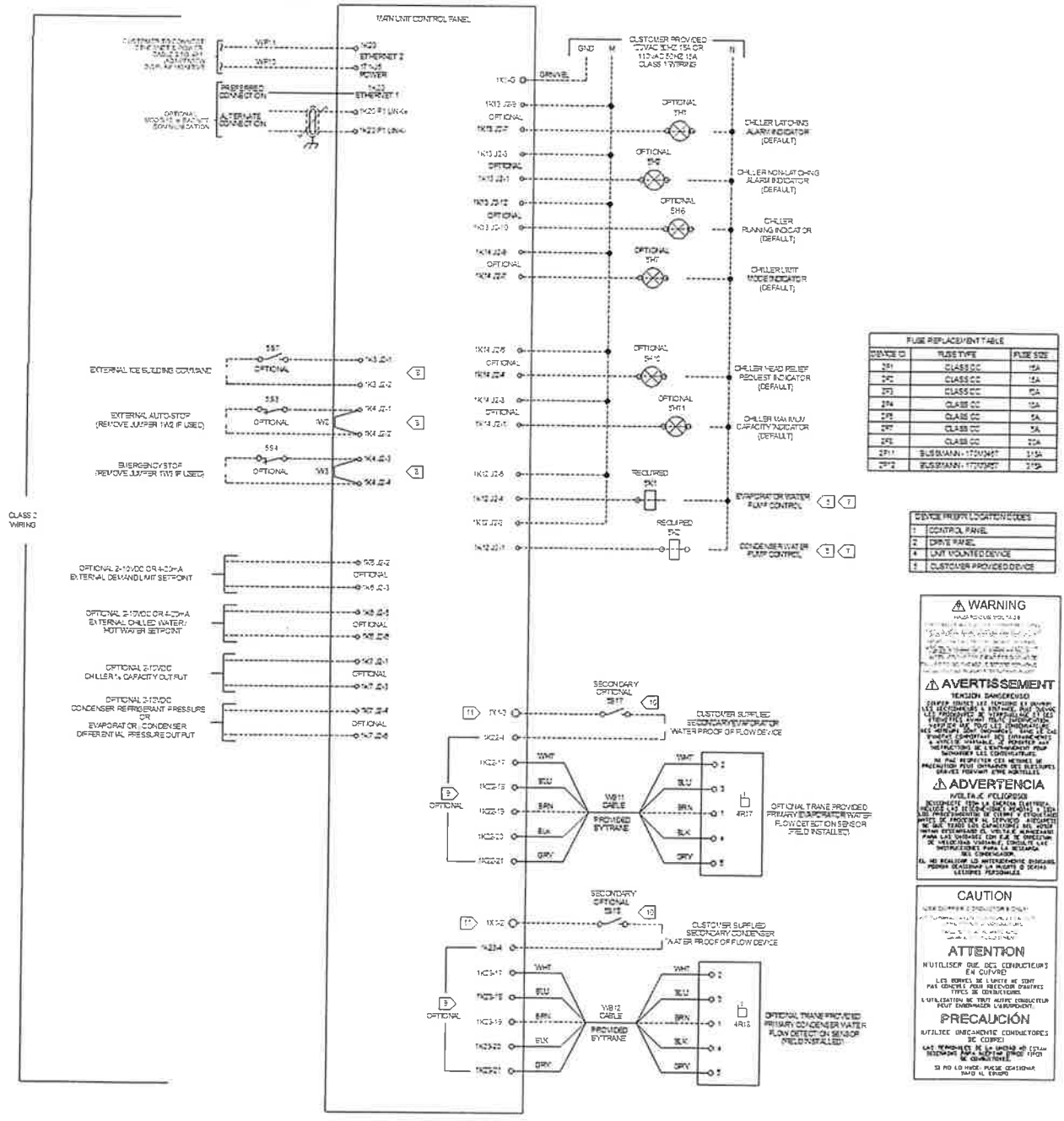
RIGHT SIDE ELEVATION

NOTES

1. DO NOT ROUTE LOW VOLTAGE (30V) WITH CONTROL VOLTAGE (120V) AND DO NOT POWER UNIT UNTIL CHECKOUT AND START UP PROCEDURES HAVE BEEN COMPLETED.
2. RECOMMENDED FIELD WIRING CONNECTIONS ARE SHOWN BY DASHED LINES.
3. ALL FIELD WIRING MUST BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE AND LOCAL REQUIREMENTS.
4. CLASS 1 FIELD WIRING INSULATION RATING IS REQUIRED TO BE EQUAL TO OR BE GREATER THAN THE EQUIPMENT SUPPLY VOLTAGE RATING. CLASS 2 FIELD WIRING INSULATION IS REQUIRED TO BE RATED AT 300V MINIMUM. ALL CUSTOMER CONTROL CIRCUIT WIRING IS MADE TO CIRCUIT BOARD MOUNTED BOX LUGS WITH A WIRE RANGE OF 14-18 AWG OR TO DIN RAIL MOUNTED SPRING FORCE TERMINALS.
5. ALL UNIT POWER WIRING MUST BE 600 VOLT COPPER CONDUCTORS ONLY. REFER TO UNIT NAMEPLATE FOR MINIMUM CIRCUIT AMPACITY AND MAXIMUM OVERCURRENT PROTECTION DEVICE. PROVIDE AN EQUIPMENT GROUND IN ACCORDANCE WITH AFFLICABLE ELECTRIC CODES.
6. UNIT PROVIDED DRY CONTACTS FOR WATER PUMP CONTROL. RELAY RATING AT 120VAC: 7.2 AMPS RESISTIVE, 2.88 AMPS PILOT DUTY, 1/3 HP, 7.2 FLA, R RELAY RATING AT 240VAC: 5 AMPS GENERAL PURPOSE.
7. TRANE RECOMMENDS WIRING THE OUT EVAPORATOR AND 2K2 CONDENSER WATER PUMP CONTROL RELAYS AS SHOWN TO ALLOW THE 1K12 MODULE TO CONTROL PROPER SEQUENCING EVAPORATOR CHILLED WATER PUMP MUST BE CONTROLLED BY THE CHILLER OUTPUT. FAILURE TO DO SO MAY RESULT IN DAMAGE TO THE UNIT.
8. CUSTOMER SUPPLIED CONTACTS FOR ALL LOW VOLTAGE CONNECTIONS MUST BE COMPATABLE WITH DRY CIRCUIT 24 VOLTS DC FOR A 12 mA RESISTIVE LOAD. SILVER OR GOLD PLATED CONTACTS RECOMMENDED.
9. INSTALLATION OF PRIMARY EVAPORATOR AND CONDENSER WATER PROOF OF FLOW DEVICES ARE REQUIRED. THESE ARE INDICATE AS 5S11 AND 5S12 CUSTOMER SUPPLIED DEVICES AND MUST BE A FLOW SENSING DEVICE SUCH AS A FLOW SWITCH, WATER FLOW DETECTION CONTROLLER OR A DIFFERENTIAL PRESSURE SWITCH. PRIMARY EVAPORATOR AND CONDENSER WATER PROOF OF FLOW IS ALSO SHOWN USING OPTIONAL TRANE INSTALLED 1K22 AND 1K23 WATER FLOW DETECTION CONTROLLERS, 4R17 AND 4R18 WATER FLOW DETECTION SENSORS AND WB11 AND WB12 CABLES ARE SUPPLIED BY TRANE FOR FIELD INSTALLATION BY THE CUSTOMER.
10. CUSTOMER SUPPLIED SECONDARY EVAPORATOR AND CONDENSER WATER PROOF OF FLOW DEVICES ARE AT THE DISCRETION OF THE CUSTOMER. THESE ARE INDICATED AS 5S17 AND 5S18 AND MAY BE A WATER PUMP INTERLOCK, VALVE END SWITCH OR ANY OTHER PROOF OF FLOW DEVICE. TRANE RECOMMENDS INSTALLATION OF THE 5S17 SECONDARY EVAPORATOR WATER PROOF OF FLOW DEVICE WHEN THE LEAVING WATER TEMPERATURE IS EXPECTED TO BE 31°F OR LESS AND THAT THE METHOD USED IS INDEPENDENT OF THE PRIMARY WATER PROOF OF FLOW DEVICE TO PROVIDE REDUNDANCY.
11. IF OPTIONAL TRANE INSTALLED 1K22 AND OR 1K23 WATER FLOW DETECTION CONTROLLERS ARE USED AND THE CUSTOMER CHOOSES TO INSTALL 5S17 AND OR 5S18 SECONDARY PROOF OF FLOW DEVICES THEN THE CUSTOMER MUST REMOVE TRANE FACTORY WIRE BETWEEN 1K1-2 AND 1K23-4 AND OR WIRE BETWEEN 1K1-3 AND 1K22-4. SECONDARY DEVICES WOULD THEN BE INSTALLED AS SHOWN. REFER TO THE UNIT SCHEMATIC WIRING DIAGRAM.



NOTE: ANY 1K13 OR 1K14 DEFAULT OUTPUT MY BE REPROGRAMED TO ANY ALTERNATE ALARM/STATUS OUTPUT SHOWN BELOW
OPTIONAL 5HT# CHILLER ALARM INDICATOR



FUSE REPLACEMENT TABLE		
DEVICE ID	FUSE TYPE	FUSE SIZE
2F1	CLASS CC	15A
2F2	CLASS CC	15A
2F3	CLASS CC	5A
2F4	CLASS CC	10A
2F5	CLASS CC	5A
2F7	CLASS CC	5A
2F8	CLASS CC	20A
2F11	BUSSMANN-170M3467	315A
2F12	BUSSMANN-170M3467	315A

DEVICE PREFIX LOCATION CODES
1 CONTROL PANEL
2 DRIVE PANEL
4 UNIT MOUNTED DEVICE
5 CUSTOMER PROVIDED DEVICE

General
The chiller is completely factory-packaged including the compressor, motor, evaporator, condenser, unit controller, economizer, and all interconnecting chiller piping and wiring. A control power transformer is standard and supplies all the auxiliary power needs for chiller mounted devices. The adaptiview frequency drive (AFD) is integral to the chiller as standard.

Compressor-Motor
Direct drive multiple-stage compressor, single-stage capacity control guide vanes. Dynamically balanced shrouded aluminum alloy impellers. Refrigerant cooled, hermetically sealed, two-pole motor.Two magnetic bearings support the rotating assembly. Fully integrated magnetic bearing controller.

Evaporator-Condenser
Shells are carbon steel plate. Evaporator and condenser include relief devices per ASME Section VIII, Div.1 / ASHRAE 15 Safety Code. Carbon steel tube sheets are drilled, reamed and grooved to accommodate tubes. Tubes are individually replaceable externally finned seamless copper. Tubes are mechanically expanded into tube sheets. A multiple orifice control system maintains proper refrigerant flow. Condenser baffle prevents direct impingement of compressor discharge gas upon the tubes. Refrigerant side of the assembled unit is tested at both pressure (300.00 psi condenser / 200.00 psi evaporator leak test) and vacuum. Water side is hydrostatically tested at one and one-half times design working pressure; but not less than 225.00 psi.

Trane reserves the right to implement chiller technology enhancements that will reduce the chiller's refrigerant charge, with no impact on chiller performance. Changes may be reflected in the chillers nameplate refrigerant charge and the quantity of refrigerant charge shipped in the unit or to the jobsite, depending upon the final date of equipment manufacture.

Water Boxes
Drains and vents - Water boxes typically have 3/4-inch NPTI vents and drain connections provided. Evaporators and condensers have one vent and one drain. If grooved connections are offered, the design is based on Style 77.

Economizer
A thermal economizer with no moving parts provides power saving capability.

Evaporator Proof of Flow - Thermal Dispersion
A factory provided, field installed thermal dispersion type proof of flow switch (IFM) is provided. The thermal dispersion controller is mounted in the chiller control panel. The piping probe and wiring is shipped lose for field installation in the ship with components box. Follow the installation instructions in the chiller installation manual. Reference specific IFM installation manual (PART- SVN223*-EN) notes shipped with your flow switch or contact local Trane sales office.

Condenser Proof of Flow - Thermal Dispersion
A factory provided, field installed thermal dispersion type proof of flow switch (IFM) is provided. The thermal dispersion controller is mounted in the chiller control panel. The piping probe and wiring is shipped lose for field installation in the ship with components box. Follow the installation instructions in the chiller installation manual. Reference specific IFM installation manual (PART- SVN223*-EN) notes shipped with your flow switch or contact local Trane sales office.

AdaptiView Control Panel

The Tracer (TM) AdaptiView is a microprocessor-based chiller control system that provides complete stand alone system control and monitoring for the water cooled Agility (TM). It is a factory mounted package including a full complement of controls to safely and efficiently operate the Agility chiller, including interface to the starter, and comprehensive motor protection. Inlet and outlet water (fluid) temperature sensors are located in the evaporator and condenser water box connections as standard.

The display is a touch sensitive 12 1/8" diagonal color liquid crystal display (LCD) that uses color graphics and animation to ensure ease of use. The touch sensitive interface allows the operator to view the chiller graphically and receive a status indication via subsystem animations. The operator can navigate easily between the primary chiller subsystems including: compressor, evaporator, condenser, and motor. For each subsystem, you can view status and detailed operating parameters. In addition, alarms, reports, trending, and settings can all be accessed quickly from the main screen. The display is mounted on a flexible "arm" that allows extensive height and viewing angle variations.

The panel supports an extensive list of languages including the default English.The data can be set to be viewed in inch pounds IP or metric units SI. Class 1 control panel voltage (30-115V) is clearly labeled. Class 2 input voltage (30V max) is also labeled.

Operating Data Including:

*operating hours
*number of starts
*chilled water setpoint
*evaporator and condenser water flow status
*evaporator entering and leaving water temperatures
*evaporator saturated refrigerant temperatures
*evaporator approach temperatures
*evaporator refrigerant pressure
*condenser entering and leaving water temperatures
*condenser saturated refrigerant temperatures
*condenser approach temperatures
*condenser refrigerant pressure
*AFD average motor current %RLA
*motor winding temperatures
*AFD output power

The AdaptiView also contains the following dedicated reports:
Evaporator, Condenser, Compressor Motor, and ASHRAE. Each report is comprised of a detailed listing of operational data relative to that chiller subsystem.

Control Functions Including:

*leaving chilled water temperature
*percent demand limit
*chiller water reset (based on return water temperature)
*front panel control type
*setpoint source
*differential to start
*differential to stop

Status Data Including:

*waiting to start
*running
*run limit
*run inhibit (adaptive)
*auto
*preparing shutdown
*shutting down
*stopped

Safeties Including:
Automatic safety shutdown for:

*low chilled water temperature
*low evaporator refrigerant pressure
*high condenser refrigerant pressure
*evaporator and condenser flow status
*high motor temperature
*AFD function faults
*critical temperature and pressure sensor faults
*AFD motor current overload

The devices are of a latching trip out type requiring manual reset. Non-latching safety trip outs for operating conditions external to the chiller automatically permits unit to resume normal operation when condition is corrected.

Surge protection - avoids surge by changing operating conditions through speed and inlet guide vane adjustments. Head relief through lowering cooling tower water temperature can be requested. If not corrected within 7 minutes, chiller is shut down.

Enhanced Adaptive Control(TM) - built in intelligence to keep the chiller on line (safely making maximum tons) while simultaneously preventing chiller damage/failure. During any chiller limiting mode of operation, the control panel enunciates the condition via a relay output.

Trending
The controller provides 10 standard graphs for trending multiple parameters. The operator can add an additional 6 customer graphs if desired. On any one custom graph, the operator can choose to trend to 10 unique parameters from a more comprehensive list. Two Y axes are available for any graph to facilitate readability.

Diagnostics
AdaptiView includes comprehensive diagnostic monitoring. All active diagnostics are available, and up to 20 historic diagnostics are communicated to the operator via the 12 1/8" LCD display with graphic navigation system. Each diagnostic is time and date stamped.

Security
The AdaptiView can be set to prevent unauthorized access to the chiller settings. The operator can choose to secure the operating settings with a password. Data and reports can still be accessed once the settings are locked out.

The memory for the AdaptiView is non-volatile type, so if power is lost, operating settings are retained. A life time battery is standard, which is used only to support the clock function for the chiller.

Chilled and Condenser Water Pump Relays
Chilled water and condenser water pump relays are provided and it is recommended that they be used for pump control.

Hardwire BAS Interface includes:
Chilled Water Setpoint input - provides for setpoint adjustment of control point from multiple sources
Current Limit Setpoint input - provides for setpoint adjustment of control point from multiple sources
Percent RLA Output - provides %RLA output
Condenser Pressure Output - a hardwire output signal of condenser pressure or differential pressure between the evaporator and condenser

Operating Status
The following hardwire binary outputs are available:
Compressor running relay
Alarm relay - manual reset
Alarm relay - auto reset
Head relief request relay
Maximum capacity relay
AFD interrupt failure

Paint
All Agility(TM) painted surfaces are coated with a primer and an air-dry beige primer-finisher prior to shipment.

IsolationPads
All units ship with neoprene isolator pads as standard. Enough pads are provided to cover the area under the chiller supports.

When the unit is ready for final placement, position isolation pads (18-in. [457.2-mm] sides) end for end under the full length of the chiller leg. The pads measure 9 in. × 18 in. (228.6 mm x 457.2 mm) and on some units there may be small gaps between pads. Pads are provided to cover entire foot. Place pad flush with the outside edge of the chiller foot and leave excess material under the chiller. Chiller must be level within 1/16-inch (1.6 mm) over its length and width after it is lowered onto the isolation pads. In addition, all piping connected to the chiller must be properly isolated and supported so that it does not place any stress on the unit.

Shipment
All units are of hermetic design, leak tested, factory charged with refrigerant, or charged to 5.00 psi dry nitrogen and shipped as a single factory assembled package. The entire chiller is shrink wrapped for protection.

AFD Design Features:
*NEMA 1 ventilated enclosure with hinged, locking door is tested to a short circuit rating of 65,000 Amps. It includes a padlock-able door-mounted circuit breaker/shunt trip with AIC rating of 65,000 Amps. The circuit breaker is interlocked with the enclosure door. The entire package is UL/CUL listed.
*Simple modular construction
*The drive is rated for maximum 480/60/3 input power, +/-10%, or as an option 600/60/3
*Displacement power factor of 0.98 at full load and 0.96 at part load.
*Minimum efficiency of 97% at rated load
*Full motor voltage (460/480 +/- 10%) is applied regardless of the input voltage
*Soft-start; linear acceleration; coast to stop
*Adjustable output frequency from 100 to 308 hertz
*All control circuit voltages are physically and electrically isolated from power circuit voltage
*150% instantaneous torque available for improved surge control
*Output line-to-line and line-to-ground short circuit protection

*Optional harmonic attenuation - integrated passive control of the building AC power assures low line -generated harmonics back to the user's power grid. The AFD has less than or equal to 5% current total demand distortion (TDD) as measured at the AFD. This is based on an electrical system with voltage distortion less than 1.5%

Required Installer Responsibilities

The following are considered functions normally required of the equipment installer.

-Install unit on a foundation with flat support surfaces level within 1/16" and of sufficient length to support concentrated loading. (Spring isolators should be considered whenever chiller installation is planned for an upper story location).

-Place isolation pads provided by the chiller manufacturer under the unit. When spring isolators are chosen, no pads are provided.

-Install unit per applicable Trane Installation Manual.

-Complete all water and electrical connections.

-Where specified, provide and install valves in water piping upstream and downstream of the evaporator and condenser water boxes as means of isolating shells for maintenance and to balance and trim system.

-Furnish and install a flow switch or equivalent device in both the chilled water and condenser water piping properly interlocked to insure that the unit can operate only when waterflow is established.

-Furnish and install taps for thermometers and pressure gauges in water piping adjacent to inlet and outlet connections of both evaporator and condenser.

-Furnish and install drain valves to each water box.

Install vent cocks on each water box.

-Furnish and install strainers upstream of chiller evaporator and condenser bundles to protect tubes from potential damage caused by debris in the circulating water. Note: Failure to install strainers in all water piping entering the chiller could result in tube plugging conditions that could damage unit components. If the circulating pumps are immediately upstream of the chiller bundles, then the strainer can be installed immediately ahead of the pumps.If the circulating pumps are downstream of the chiller bundles, then the strainers should be installed immediately ahead of the chiller bundles.

-Furnish sufficient refrigerant of 25 lb. per machine and dry nitrogen of 50.0 lb. per machine for pressure testing under manufacturer's supervision.

-Start-up unit under supervision of qualified Trane field engineer.

-Where specified, insulate evaporator and any other portions of the machine required to prevent sweating under normal operating conditions.

-Water connection piping must not transfer forces to the chiller. Because of cumulative tolerances in manufacture and field installation, pre-piping of water connections closer than 36" is not recommended. Any problems associated with pre-piping of water connections closer than 36" to the chiller are the responsibility of the installing contractor.

-Furnish and install vent lines for evaporator and condenser relief devices venting to atmosphere per ASHRAE 15 and unit installation manual.

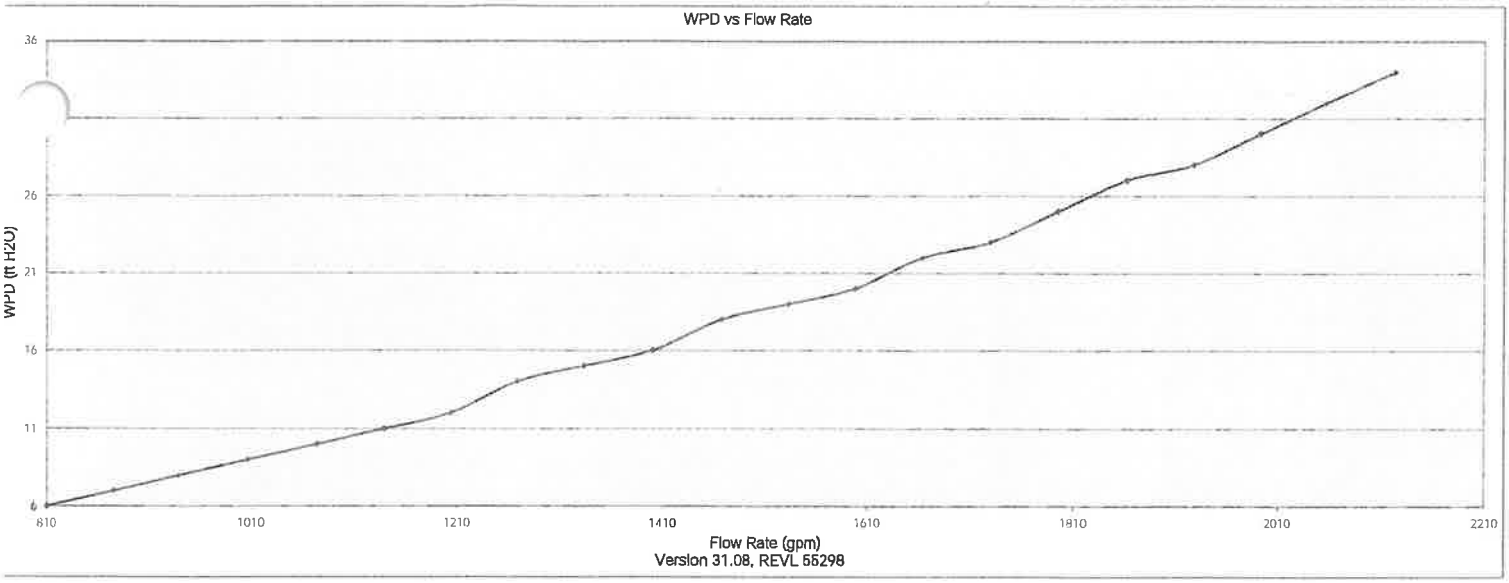
Field Disassembly

With chillers that may require field disassembly (for example due to clearance concerns during unit installation), reference the Disassembly and Reassembly manual and your Trane Sales representative prior to the order being placed. Caution: if certain components are removed in the field, for example the economizer, the necessary components (gaskets, seals, etc.) are not provided as standard.

TRANE

Agility Condenser WPD Curve

Pressure Drop Curve



Flow Rate Table

Flow Rate (gpm)	WPD (ft H2O)
810	6
876	7
941	8
1007	9
1073	10
1138	11
1204	12
1270	14
1335	15
1401	16
1467	18
1533	19
1598	20
1664	22
1730	23
1795	25
1861	27
1927	28
1993	30
2058	32
2124	34

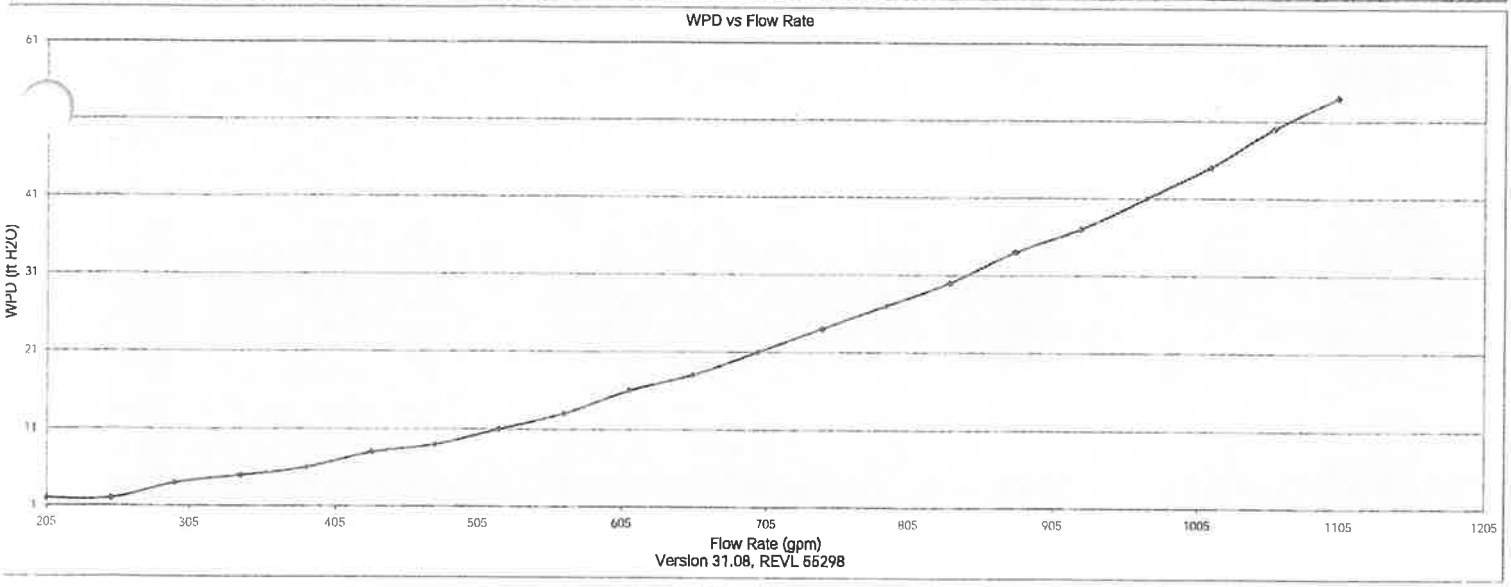
Unit Configuration

SRTY-UAFD	EVFP-TDFS	ASKT-NONE
MODL-HDWA	EVVF- NO	OPMM-KWTN
TYPE-SNGL	CDSZ-040B	INSL-YES
LQDD- NO	TSTY-STD	GBAS-YES
LQDP- NO	AH19-COMP	TRMM-BCNT
NTON-500	AH22-COMP	CRFG-R513
IVLT-480	CTSP-NONE	PCHG-R513
IHRZ- 60	CDBS- X	RLDV-SPLD
VOLT-460	CDTM-TECU	ACOU-NO
HRTZ- 60	CDTC-283	
RCTP- NO	CDTH- 28	
CPKW-441	CDWP- 2	
FRAM- T1	CDFP-TDFS	
DSOP- NO	RCRQ-NONE	
EVSZ-040B	AH13-COMP	
ETSP-NONE	AH16-COMP	
EVBS- E	ARCL-CERT	
EVTM-TMCU	FTST-YES	
EVTC-280	TEST-NONE	
EVTH- 25	TTOL- NA	
EVWP- 2	ASTT- NO	

TRANE

Agility Evaporator WPD Curve

Pressure Drop Curve



Flow Rate Table

Flow Rate (gpm)	WPD (ft H2O)
205	2
250	2
295	4
340	5
385	6
430	8
475	9
520	11
565	13
610	16
654	18
699	21
744	24
789	27
834	30
879	34
924	37
969	41
1014	45
1059	50
1104	54

Unit Configuration

SRTY-UAFD	EVFP-TDFS	ASKT-NONE
MODL-HDWA	EVVF- NO	OPMM-KWTN
TYPE-SNGL	CDSZ-040B	INSL-YES
LQDD- NO	TSTY-STD	GBAS-YES
LQDP- NO	AH19-COMP	TRMM-BCNT
NTON-500	AH22-COMP	CRFG-R513
IVLT-480	CTSP-NONE	PCHG-R513
IHRZ- 60	CDBS- X	RLDV-SPLD
VOLT-460	CDTM-TECU	ACOU-NO
HRTZ- 60	CDTC-283	
RCTP- NO	CDTH- 28	
CPKW-441	CDWP- 2	
FRAM- T1	CDFP-TDFS	
DSOP- NO	RCRQ-NONE	
EVSZ-040B	AH13-COMP	
ETSP-NONE	AH16-COMP	
EVBS- E	ARCL-CERT	
EVTM-TMCU	FTST-YES	
EVTC-280	TEST-NONE	
EVTH- 25	TTOL- NA	
EVWP- 2	ASTT- NO	

Applied Thermal Resources

SPX®
COOLING TECHNOLOGIES

Applied Thermal Resources

81 Woodstock Road
Roswell, GA 30075
(770) 674-9100 / fax: (770) 674-9200
email: mark.porter@atrga.com

Proposal to:
Dougherty County Jail
1302 EVELYN
ALBANY, GA 31702

Project:
Dougherty County Jail
ALBANY, GA
Updated Proposal

Opportunity / Quote No. (Ver): MARK PORTER_241004_100218041 / MARK PORTER_260310_155939903 (1)
Rep Quote No.:

March 11th, 2026

TOWER MODEL	PERFORMANCE CONDITIONS	MOTOR DATA	TOWER DIMENSIONS	WEIGHTS
Quantity of (1) Marley NC Class Diamond Series model **NC8405RAN** factory assembled 2-Cell crossflow cooling tower	Per 2-cell tower: 2,100 gpm 95.0 °F Hot Water 85.0 °F Cold Water 80.9 °F Entering WB	NEMA 25 HP 1 speed / 1 wind 3 phase / 60 Hz / **230/460v** 1.2sf / TEFC 1800 RPM Premium Efficiency Inverter duty nameplated *Site Voltage; 480*	Each cell: (without options) Length 9' - 10 3/4" Width 19' - 11" Height 11' - 11 3/4" Per 2-cell tower: (with options) Length 20' - 9 15/16" Width 19' - 11" Height 15' - 0 7/8"	Per cell: Shipping: 9,575 lb Operating: 20,371 lb Per 2-cell tower: Shipping: 19,150 lb Operating: 40,742 lb

Quantities shown below are per tower.

Base Tower Construction/Equipment:

Stainless Steel casing.
Stainless Steel structure.
Stainless Steel (per SS Grade) collection basin.
Stainless Steel (per SS Grade) distribution basin.
All stainless steel is series 300.
Low Sound fan with aluminum blades.
Marley designed Geareducer® with 5-year warranty.
PVC film fill with integral louvers and drift eliminators designed and manufactured by Marley.
Published sound data is independently verified by a CTI licensed test agency.
HDG steel fan guard.

Collection Basin Connections and Accessories:

All flanges are to Class 125 ANSI B16.1 standard.
All threads are to American Standard Pipe Taper Thread.
(2) 8 in (203 mm) diameter bevel and groove cased face outlet(s) with trash screen(s).
10 in (254 mm) diameter hole and bolt circle(s) for equalization, One per Cell
4 in (102 mm) diameter combination drain and overflow in each cell
Probe type electronic water level sensor, in all cells, with the following events: make-up
12 kW per cell 480/3 volt/phase electric immersion heater for freeze protection of the collection basin
INDEECO basin heater control system with control panel/cell and heater elements
Heater system disconnect switch

Distribution Basin Inlet and Accessories:

(2) 6 in (152 mm) diameter top inlet connections per cell.
(2) 6 in (152 mm) horizontal flow control valves per cell.

81 Woodstock Road
Roswell, GA 30075
(770) 674-9100 / fax: (770) 674-9200
email: mark.porter@atrga.com

Maintenance & Maintenance Access Features:

Tower is designed in accordance with OSHA safety standards.
This quotation does not include features which are available to allow safe access on the fan deck while the fan is still operating. If this is a desired feature for your intended operation, please contact your sales representative.
External lube line with dipstick
Convenient access to the collection basin and plenum area is provided via a large access door located on each endwall
Stainless Steel (per SS Grade) plenum walkway in each cell
Internal mechanical equipment access platform in each cell
Easy fitting perimeter guardrail, kneerail & toeboard
(1) Cased face ladder
Ladders extended 60 in below base of tower

Electrical System Requirements:

The following information is provided as guidance for electrical system design criteria to power each cell of the equipment in this offering based on site voltage listed in Mechanical Data above.

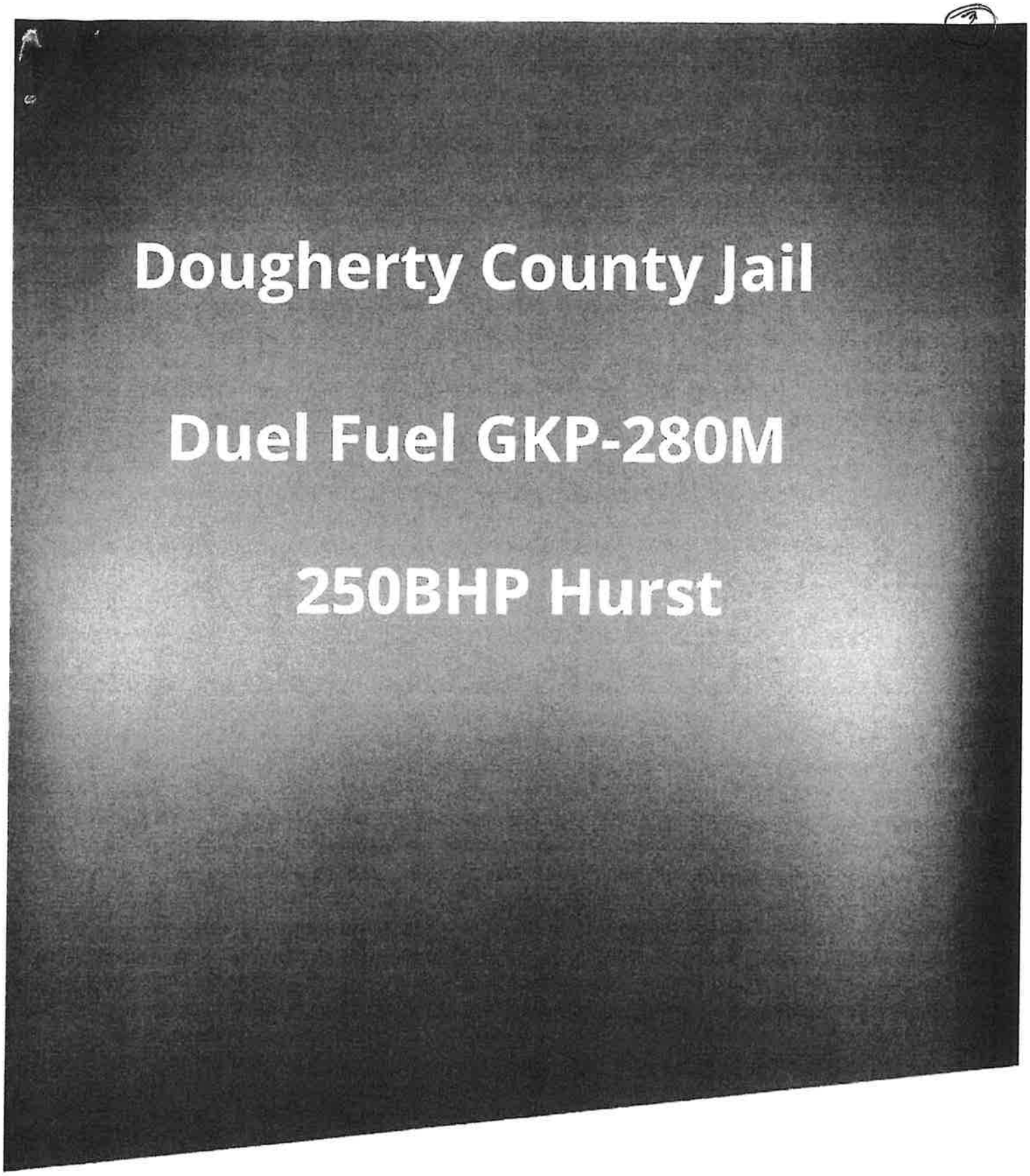
Description (See Mechanical Data above for sizes)	Amperage at Site Voltage (defined above)
Fan Motor 1	1 @ 34
Fan Motor 2	N/A
Spray Pump	N/A
Basin Heater	14.4
Auxiliary Load	6
Total Full Load Amps FLA	54.4
Main Circuit Breaker MCB	100
Maximum Over Current Protection MOCP	100

Full Load Amps (FLA) is the full load current at the rated voltage that the fan motor(s) and pump motor(s) will draw to produce rated output horsepower (HP). Values shown for motor full load amps are from NEC table 430.250. Included in this calculation are the amps necessary for optional basin heaters and some auxiliary load for control circuitry.

Full Load Amps per cell = Sum of Fan motor Amps + Sum of Pump motor Amps (when supplied) + Basin Heater Amps (when supplied) + Auxiliary Load (6)

The main circuit breaker (MCB) is an electrical switch designed to protect an electrical circuit from damage caused by overcurrent/overload or short circuit. The MCB value shown above is derived using appropriate overload factors, assuming the full load amps cited are being supported, based on many years of electrical control panel experience on heat rejection equipment. This will be the MCB size incorporated into the tower control panel if provided by Marley.

When provided, the Marley control panel includes an integrated overcurrent device therefore; sizing a remote MOCP type of device is not required to protect the control panel, but it may be sized considering any other installation factors required by code to protect the cable feeding the panel.



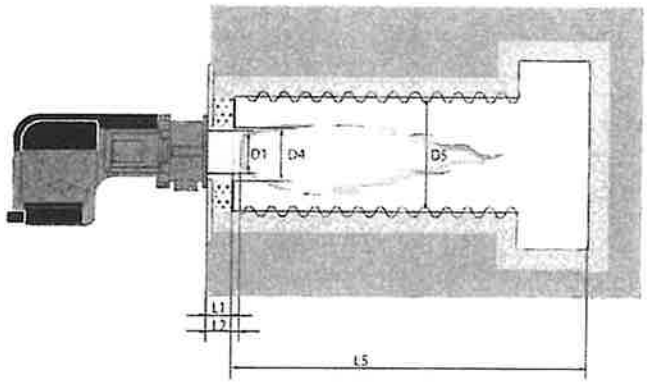
2024-10-03

The art of clean combustion

INITIAL VALUES

BOILER

Boiler type	Fire tube
Refractoring type	Straight
Boiler capacity (Gas)	8.4 MMBTU/h
Boiler efficiency (Gas)	80 % (HHV)
Furnace back pressure (Gas)	2.0 "W.C.
Boiler capacity (Oil)	8.4 MMBTU/h
Boiler efficiency (Oil)	80 % (HHV)
Furnace back pressure (Oil)	2.0 "W.C.
Furnace mean diameter	31.0 "
Furnace length	121.0 "
Medium type	water
Max medium temperature	212 °F



GAS FUEL

Gas type	Natural gas
Lower heating value	960 BTU/scf
Higher heating value	1066 BTU/scf
Gas density	0.046 lb/scf
Supply pressure	1.0 psi
Supply temperature	50 °F
Fuel composition	
Methane (CH4)	98.0 vol-%
Ethane (C2H6)	0.8 vol-%
Propane (C3H8)	0.2 vol-%
Carbon dioxide (CO2)	0.1 vol-%
Nitrogen (N2)	0.9 vol-%

OIL FUEL

Oil type	Fuel Oil No.2
Density	53 lb/ft³
Lower heating value	130222 BTU/gal
Higher heating value	144525 BTU/gal
Reference viscosity	6 CSt
Reference temperature	68 °F
Oil supply pressure	0.0 psi
Fuel composition	
Sulfur (S)	0.001 m-%
Carbon (C)	86.607 m-%
Hydrogen (H)	13.228 m-%
Nitrogen (N)	0.014 m-%
Oxygen (O)	0.15 m-%

AMBIENT CONDITIONS

Ambient temperature	68 °F
Relative humidity	50 %
Altitude	279 ft
Combustion air temperature	68 °F

TECHNICAL DATA AND SCOPE OF DELIVERY

ITEM 1 - BURNER

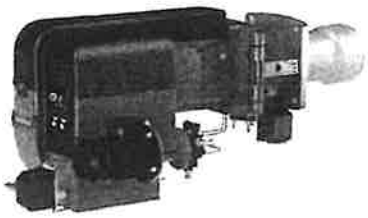
Burner type	GKP-280 M WDx00, Gas/light fuel oil burner with modulating control
Item number	GKP280M-3
Burner construction	Monoblock, with an integrated combustion air fan
Control mode	Modulating (M) / Modulating (M)
Main voltage	3~ 480 V / 60 Hz
Control voltage	1~ 110 V / 60 Hz
Fan motor power consumption	10.0 hp
Fan motor current consumption	11.9 A
Fan rotational speed	3,510 r/min
Oil connection, suction	R3/4"
Oil connection, return	R1/2"
Oil pump motor power consumption	2.0 hp
Oil pump motor current consumption	3.1 A
Oil pump rotational speed	3,510 r/min
Noise level	< 85 dB(A)

Noise level has been measured according to ISO 3744 using standard 9 point method. The measurement error is max 1.5 dB. The absolute achievable noise level depends on the space and background noise around the subject.

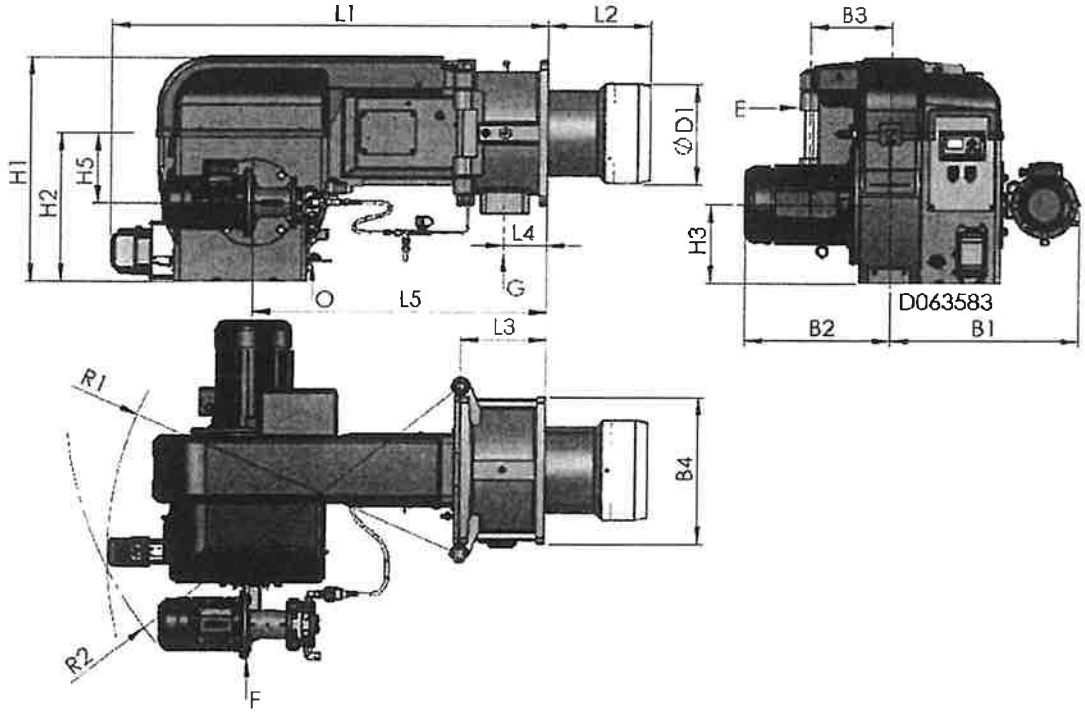
Oil inlet direction	From the right
Gas inlet direction	From the left
Burner turning direction	To the left, looking from behind the burner

DIMENSIONS - BURNER

B1	18.3 "	H5	8.5 "
B2	19.3 "	L1	52.0 "
B3	9.8 "	L2	12.3 "
B4	17.3 "	L3	10.2 "
D1	11.8 "	L4	5.1 "
F	DN150	L5	35.0 "
H1	26.6 "	R1	43.3 "
H2	17.6 "	R2	47.2 "
H3	9.3 "	Weight	613 lb



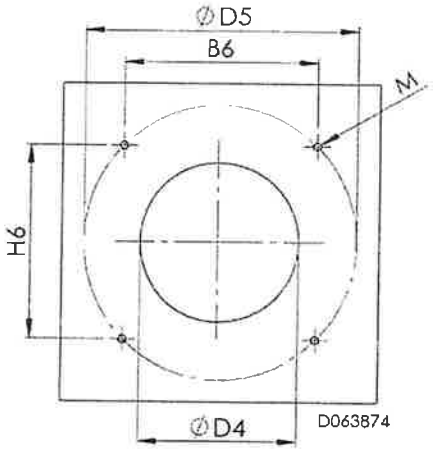
G	Gas inlet
O	Oil inlet/return
E	Electrical connection
F	FGR - Flue gas recirculation

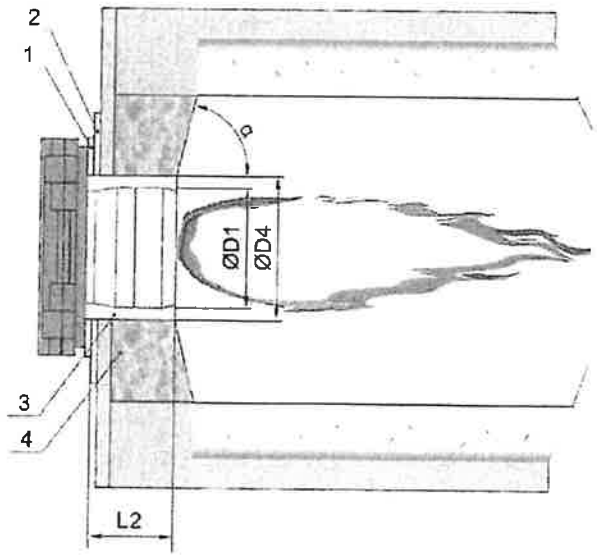


(8)

COMBUSTION HEAD & BURNER TO BOILER MOUNTING

B6	14.4 "
H6	14.4 "
D4	13.0 "
M	4xM16
D1	11.8 "
L2	12.3 "
α	60° - 90°
1	Gasket, thickness 0.31 "
2	Mounting plate
3	Ceramic wool or equivalent
4	Masonry



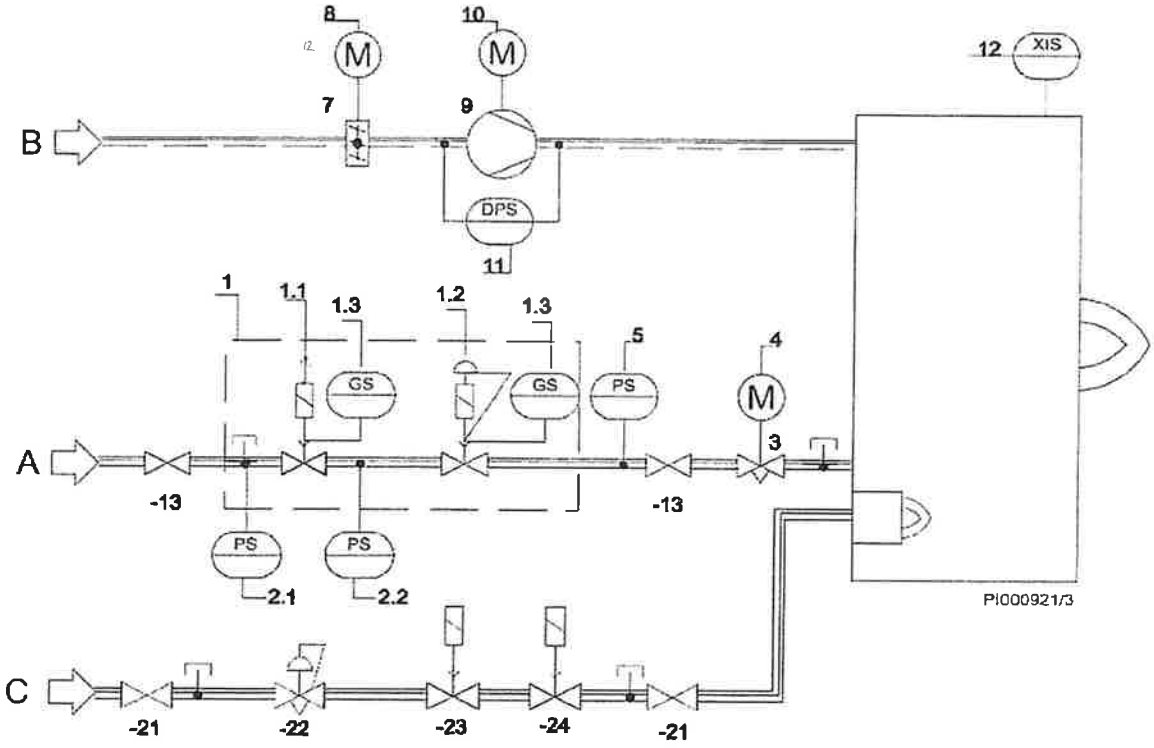


ITEM 2 - GAS VALVE

Gas valve block	VGD20.503-SKP15/25
Gas valve connection	NPT thread
Gas valve connection size	2"
Integrated low pressure regulator	Yes
Spring type (integrated pressure regulator)	AGA29 (blank, 0...22mbar)
Gas valve pressure loss	15.7 "W.C.
Suitable supply pressure to gas valve block	1.0 psi - 7.3 psi
Gas inlet direction	From the left
Gas module item number	VGD4T40244L1E6B0

GAS OPERATION PI DIAGRAM

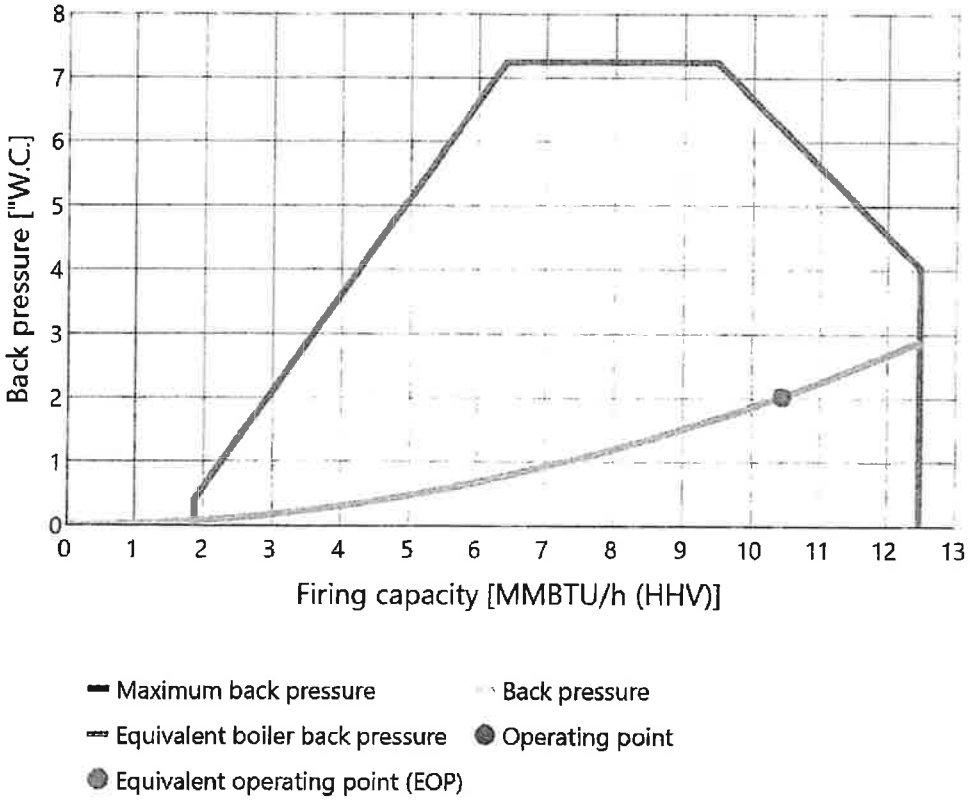
1 - Double solenoid valve
1.1 - Solenoid valve
1.2 - Pressure regulation valve
1.3 - Proof of close switch
2 - Pressure switch
2.1 - Pressure switch (only burner type WDx00)
2.2 - Pressure switch (burner types WDx00 and WD3x)
3 - Gas butterfly valve
4 - Servomotor
5 - Pressure switch, max. (optional for GP/GKP 50-90 burners)
7 - Air damper
8 - Servomotor
9 - Combustion air fan
10 - Electric motor
11 - Differential air pressure switch
12 - Flame detector
13 - Manual shut-off valve
21 - Manual shut-off valve
22 - Pressure regulator
23 - Shut-off valve
24 - Shut-off valve
A - Gas supply
B - Air supply
C - Ignition gas supply



GAS OPERATION

Firing capacity	10.46 MMBTU/h (HHV)
Gas flow rate	9816 CFH
Normalized combustion air flow (includes safety margin)	108451 SCFH
Combustion air flow (includes safety margin)	117571 CFH (68 °F, 279 ft)
Residual oxygen level (dry)	3.0 vol-%
Equivalent boiler back pressure	2.02 "W.C.
Turndown ratio	1:5.5
Furnace load	49.5 MBTU/h/ft³

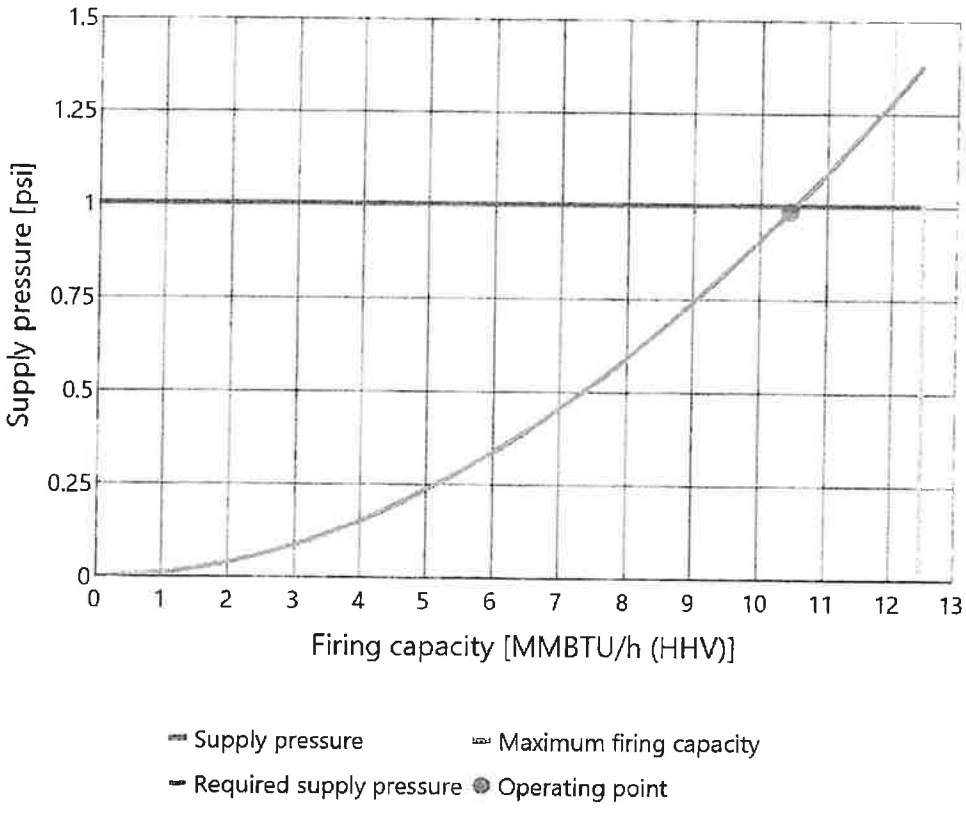
Working Diagram (Gas)



GAS LINE

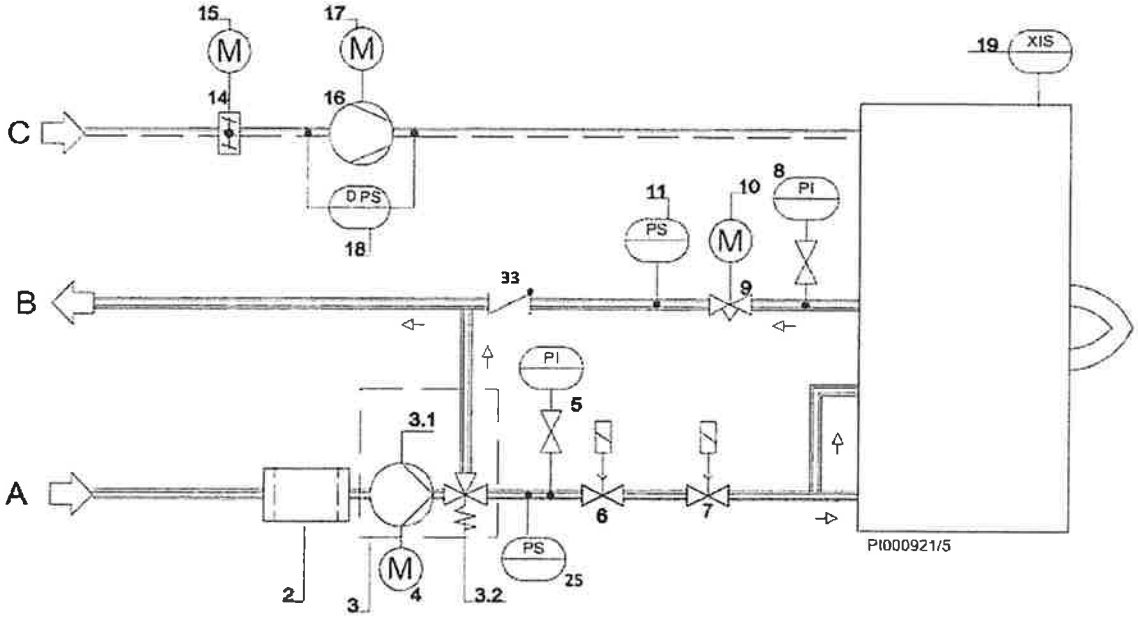
Firing capacity	10.46 MMBTU/h (HHV)
Gas flow rate	9816 CFH
Supply pressure	1.0 psi
Supply temperature	50 °F
Gas type	Natural gas
Lower heating value	960 BTU/scf
Gas density	0.046 lb/scf
Altitude	279 ft
Gas valve block	VGD20.503-SKP15/25
Required supply pressure to gas valve block	1.0 psi
Suitable supply pressure to gas valve block	1.0 psi - 7.3 psi
Gas valve pressure loss	15.7 "W.C.
Nozzle pressure	8.2 "W.C.
Gas nozzle pressure loss	6.1 "W.C.

Required supply pressure



OIL OPERATION PI DIAGRAM

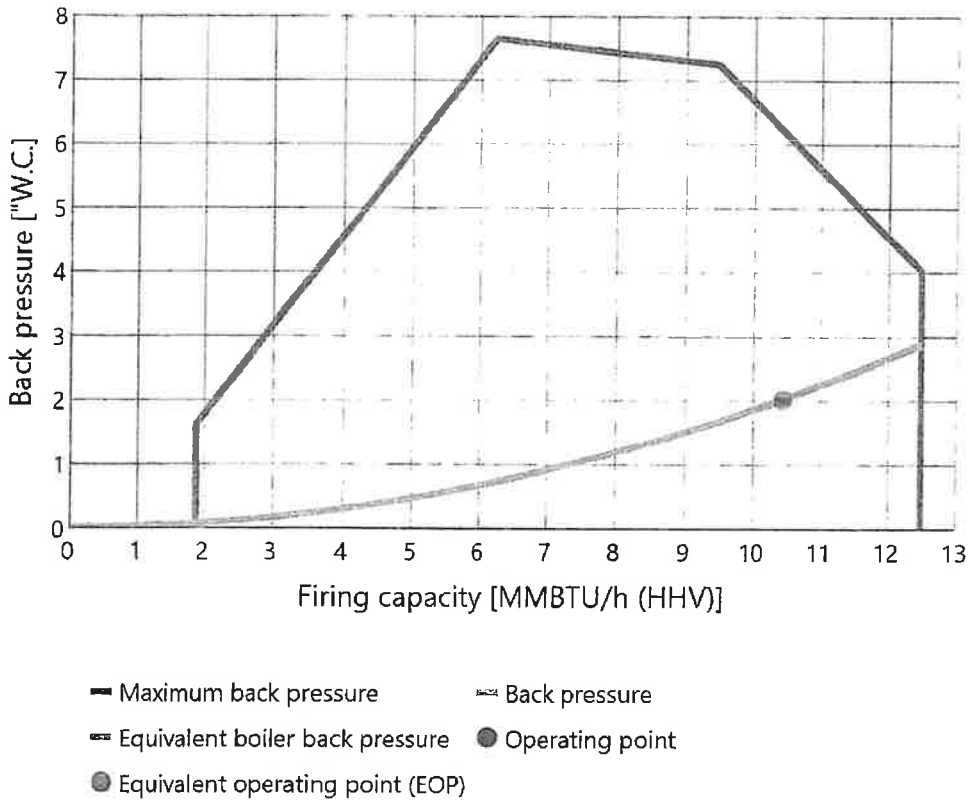
2 - Oil filter, loose delivery
3 - Oil pump
3.1 - Oil pump
3.2 - Oil regulation valve
4 - Electric motor
5 - Pressure gauge
6 - Solenoid valve 1, NC (115 V)
7 - Solenoid valve 2, NC (115 V)
8 - Pressure gauge
9 - Oil regulation valve, Oilon part
10 - Servomotor
11 - Pressure switch
14 - Air damper
15 - Servomotor
16 - Combustion air fan
17 - Electric motor
18 - Differential air pressure switch not for KP-140 ... 280 models
19 - Flame detector
25 - Pressure switch / low
33 - Non-return valve
A - Oil supply
B - Oil return
C - Air supply



OIL OPERATION

Firing capacity	10.46 MMBTU/h (HHV)
Oil flow rate	72 GPH
Oil supply pressure	0.0 psi
Normalized combustion air flow (includes safety margin)	107435 SCFH
Combustion air flow (includes safety margin)	116469 CFH (68 °F, 279 ft)
Residual oxygen level (dry)	3.0 vol-%
Equivalent boiler back pressure	2.04 "W.C.
Turndown ratio	1:3
Furnace load	49.5 MBTU/h/ft³

Working Diagram (Oil)



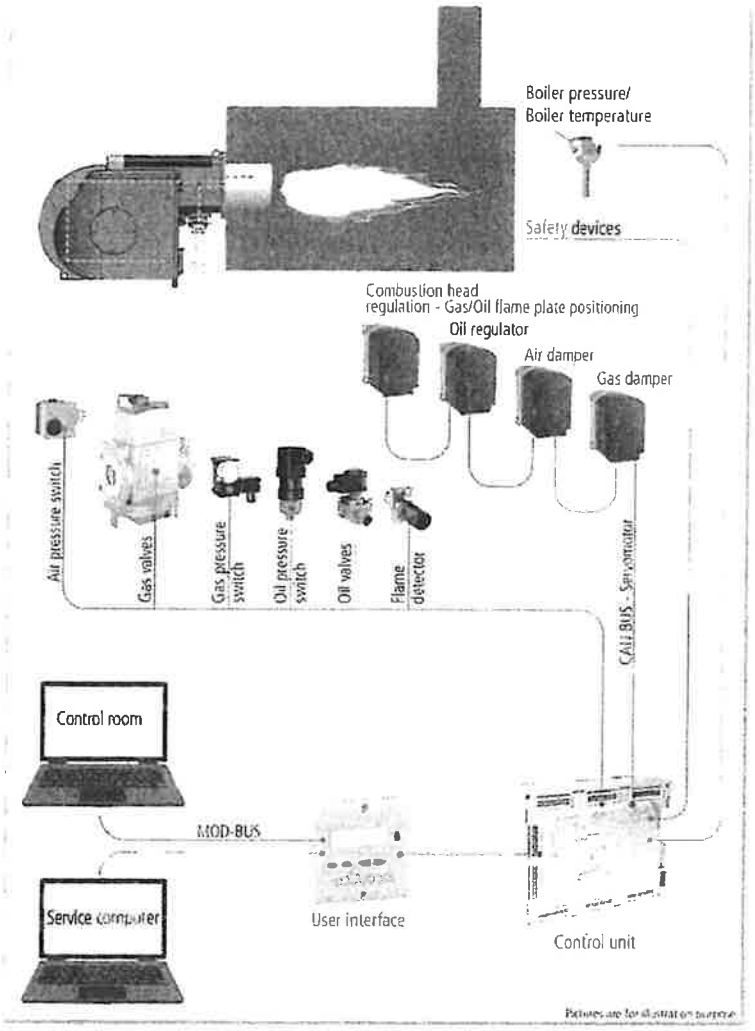
ITEM 4 - AUTOMATION: WD100

Automation type	Oilon WiseDrive, WD100
Item number	32382194
Control unit	Siemens LMV51
Flame monitoring	Siemens QRI2B2
Delivery type	Separate cabinet

The instruments and devices included in this quotation - if any - are listed separately on page 2.

Oilon WiseDrive WD100 is an electronic control system. In the system, separate servomotors are installed for air dampers, fuel regulator(s) and optionally for combustion head control (500 M – 2000 ME) to optimize air flow pressure loss in the combustion head. The ratio between fuel, combustion air and combustion head air flow is adjusted electronically. The WiseDrive system also takes care of burner control and safety functions.

Oilon WD100 system can be connected to external systems via bus interface (Modbus, Profibus / on additional price). Data regarding burner status and combustion process can be read remotely. Also remote starting and stopping as well as fuel load control can be performed via bus. Load controller (PID) as standard, but load control can also be made by an external 4...20 mA signal.



Standard delivery includes:
- burner control unit LMV51
- AZL display and operating panel
- interfaces for unmanned operation
- common potential free alarm
- plates, required signal lamps

BURNER EQUIPMENT

Gas equipment	Burners comply with UL and CSA standards, and most of the models (size 50....1200M) are also UL/CSA listed products. Burners are also available with EU, China and Russia approval. For more information please contact info.northamerica@oilon.com
Oil piping	The oil piping is installed mainly in the burner, and includes necessary solenoid valves. The oil regulator is located on the oil line returning from the nozzle. For burners having separate booster unit PKYK or PKYR the piping between the burner and the PKYK/PKYR has to be built on site.

EMISSIONS

Emission levels for Natural gas combustion - not a guarantee

Estimated nitrogen oxides NO_x	< 97 ppm ref. 3 % O2 (dry)
Carbon monoxide CO	< 50 ppm ref. 3 % O2 (dry)

Emission levels for Light fuel oil combustion - not a guarantee

Estimated nitrogen oxides NO_x	< 126 ppm ref. 3 % O2 (dry)
Carbon monoxide CO	< 50 ppm ref. 3 % O2 (dry)

The emission values are based on the process values mentioned in the quotation and the following conditions:

A) Technical specifications

A.1) Oilon has approved the burner positioning in the boiler.

A.2) Oilon has approved the combustion air duct design.

A.3) The boiler is according to the drawing number CHANGE-ME.

A.4) The boiler structure and flue gas duct must be gas tight.

A.5) The boiler contains no refractory, except burner refractory.

A.6) Emission values are valid only for stable operation.

A.7) Burners are adjusted by professional burner personnel and process automation and instrumentation are operating correctly.

B) Fuel specifications

Gas specification

B.1) The fuel is according to the inquiry specification CHANGE-ME.

B.2) Additional specifications.

Oil specification

B.3) The fuel is according to the inquiry specification CHANGE-ME.

B.4) The fuel oil nitrogen content is 0.014 m-% or lower.

B.5) Additional specifications.

C) Calculation and measurement specifications

C.1) Combustion product concentrations are given in dry flue gas.

C.2) m^3n refers to standard conditions as defined in 0 °C and 101325 Pa.

C.3) Measurement uncertainty margins are considered in favour of the burner manufacturer.

C.4) Emission measurements are conducted according to EN 13284-1 standard and corrected to standard conditions (Tair = 20 °C and humidity 10 gH2O/kgair) according to standard EN676 (EN676:2020 A.3).

**** COMPLETE AND SUBMIT ****

RFP REFERENCE
NO. 27-031
ADDENDUM ACKNOWLEDGEMENT FORM

Instructions: Please acknowledge receipt of addenda received by completing this addendum acknowledgement form. Check the box next to each addendum received and sign below. This addendum acknowledgement form should be submitted with your bid to expedite document processing.

Acknowledgement: I, the undersigned, acknowledge receipt of the following addenda to the above referenced Invitation To Bid and have made any necessary revisions to my response or submittal. I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid.

Addendum No. 1 ☐	Addendum No. 3 ☐
Addendum No. 2 ☐	Addendum No. 4 ☐

☐ No Addenda received for Bid Reference NO. 27-031.

_____
Print Name and Title of Authorized Signer

_____
Authorized Signature

_____
Date

****COMPLETE AND SUBMIT****

CERTIFICATION* OF *NON-COLLUSION

The proposer being sworn, disposes and says, _____

_____

The proposer submitting this and its agents, officers or employees have not directly or indirectly entered into any agreements, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this RFP.

_____
SIGNATURE (AUTHORIZED)

_____
COMPANY NAME

_____
TITLE

_____
DATE

****COMPLETE AND SUBMIT****

ADVERTISEMENT FORM

For All Firms Participating in the bid please answer questions below:

Please let us know how you heard about the BID/RFP advertisement by selecting one of the following.

1. Internet/Social Media to include Facebook, Twitter, etc. Yes____ No____
2. City of Albany website Yes____ No____
3. City of Albany local access channel (channel 16) Yes____ No____
4. Georgia Procurement Registry Yes____ No____
5. Other: _____

Please indicate if you are a DBE: Yes_____ No_____

DATE: _____

COMPANY NAME: _____

AUTHORIZED REPRESENTATIVE NAME: _____

TITLE: _____

SIGNATURE: _____

****COMPLETE AND SUBMIT****

GOVERNING LAW AND VENUE

Proposer agrees that as to any actions or proceedings arising out or related to this agreement, any such proceedings shall be governed and determined by Georgia Law.

Proposer further agrees that as to any actions or proceedings arising out of or related to this agreement, any such action or proceeding shall be resolved only in an appropriate court located in Dougherty County, Georgia.

SIGNED (AUTHORIZED)	COMPANY NAME
TITLE	DATE

COMPLETE AND SUBMIT

GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT AFFIDAVIT

Contractor's Name:	
Address:	
Solicitation/Contract No.:	
Solicitation /Contract Name:	

CONTRACTOR AFFIDAVIT

I understand that the City of Albany may not enter into a contract with _____(Name of Corporation) unless it has registered and does participate in the Federal Work Authorization Program defined in O.C.G.A. § 13-10-90(2), to-wit" (2) "Federal work authorization program" means any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA), D.L. 99-603.

By executing this affidavit, the undersigned Contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, entity or corporation which is engaged in the physical performance of services on behalf of the **City of Albany** has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91.

Furthermore, the undersigned Contractor will continue to use the federal work authorization program throughout the contract period and the undersigned Contractor will contract for the physical performance of services in satisfaction of such contract only with sub-Contractors who present an affidavit to the Contractor with the information required by O.C.G.A. § 13- 10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

_____ _____

Federal Work Authorization User Identification Number Date of Authorization (EEV/E-Verify Company Identification Number)

_____

Name of Contractor

I hereby declare under penalty of perjury that the foregoing is true and correct.

_____ _____

Printed Name (of Authorized Officer or Agent of Contractor) Title (of Authorized Officer or Agent Contractor)

_____ _____

Signature (of Authorized Officer or Agent) Date Signed

SUBSCRIBED AND SWORN BEFORE ME ON

[NOTARY SEAL]

_____

Notary Public My Commission Expires: _____ Approved 10/23/2020