

**REQUEST FOR BID (RFB)**

Administered by:  
CENTRAL MAINE COMMUNITY COLLEGE  
1250 TURNER STREET  
AUBURN, MAINE 04240

**Inventory Items for the Plumbing and HVAC/R Program**

Date: July 12, 2024

**Bid Due On: July 30, 2024 at 1:00 P.M.**

**Inquiries and bids can be sent to:**

**Inquiries:** Marc Gilbert  
Plumbing/HVAC Chair  
Central Maine Community College  
1250 Turner Street  
Auburn, Maine 04210  
Phone (207) 755-5440  
E-Mail: [mgilbert@cmcc.edu](mailto:mgilbert@cmcc.edu)

**Bid Submission:** Maureen Aubé  
Dean of Finance & General Services  
Central Maine Community College  
1250 Turner Street  
Auburn, Maine 04210  
Phone (207) 755-5235  
Fax (207) 755-5495  
E-Mail: [maube@cmcc.edu](mailto:maube@cmcc.edu)

## 1.0 GENERAL INFORMATION

- 1.1 Purpose: Central Maine Community College is seeking bids for Audio/Visual Services for Inventory Items for the Plumbing and HVAC/R Program.

This Request for Bid (RFB) states the instructions for submitting bids, the procedure and criteria by which a vendor may be selected and the contractual terms by which the College intends to govern the relationship between it and the selected vendor.

- 1.2 Definition of Parties: Central Maine Community College will hereinafter be referred to as the "College." Respondents to the RFB shall be referred to as "Bidders." The Bidder to whom the contract is awarded shall be referred to as the "Contractor."
- 1.3 Scope: The selected contractor will provide professional daily cleaning services to some of the campus buildings at 1250 Turner Street in Auburn Maine. Please see pages 6 - 39 for a more detailed Scope and Materials list.
- 1.4 Evaluation: Award will be made to the low bidder(s) provided that all other requirements are satisfactorily met. However, consideration will be given to the bidder's qualifications, references, quality of materials, service, delivery, lead time and capabilities to provide the specified service.
- 1.5 Communication with the College: It is the responsibility of the bidder to inquire about any requirement of this RFB that is not understood. Responses to inquiries, if they change or clarify the RFB in a substantial manner, will be forwarded by addenda to all parties that have received a copy of the RFB. The College will not be bound by oral responses to inquiries or written responses other than addenda.
- 1.6 Award: The College reserves the right to award this bid on a group of items or all items, whichever the College deems to be in its best interest, price and other factors considered. The College reserves the right to conduct any tests it may deem advisable, and to make all evaluations. The College reserves the right to reject any or all bids, in whole or in part, and is not necessarily bound to accept the lowest bid if that bid is contrary to the best interests of the College. The College reserves the right to waive minor irregularities. Scholarships, donations, or gifts to the College will not be considered in the evaluation of bids. A bid may be rejected if it is in any way incomplete or irregular. When there are tie bids, there shall be a preference for "in-state bidders". When the bids are either in-state or both out-of-state, the award will be made to the bid that arrives **first** in Central Maine Community College's Business Office.
- 1.7 Award Protest: Bidders may appeal the award decision by submitting a written protest to Central Maine Community College's Dean of Finance and General Services within five (5) business days of the date of the award notice, with a copy to the successful bidder. The protest must contain a statement of the basis for the challenge.
- 1.8 Costs of Preparation: Bidder assumes all costs of preparation of the bid and any presentations necessary to the bidding process.
- 1.9 Debarment: Submission of a signed bid in response to this solicitation is certification that your firm (or any subcontractor) is not currently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any State or Federal department or agency. Submission is also agreement that the College will be notified of any change in this status.
- 1.10 Bid Understanding: By submitting a bid, the bidder agrees and assures that the specifications are adequate, and the bidder accepts the terms and conditions herein. Any exceptions should be noted in your response.
- 1.11 Specification Protest Process and Remedies: If a bidder feels that the specifications are written in a way that limits competition, a specification protest may be sent to Central Maine Community College's Dean of Finance and General Services. Protests will be responded to within five (5) business days of receipt. Determination of protest validity is at the sole discretion of the College. The due date of the bid may be changed if necessary to allow consideration of the protest and issuance of any necessary addenda.
- 1.12 Specification protests shall be presented to the College in writing as soon as identified, but no less than five (5) business days prior to the bid opening date and time. No protest against the award due to the specifications shall be considered after this deadline. Protests shall include the reason for the protest and any proposed changes to the specifications. Protests should be delivered to the Dean of Finance and General Service's Office in sealed envelopes, clearly marked as: Audio/Visual Services for annual commencement ceremony.

- 1.13 Bid Validity: 30 Days
- 1.14 Errors: Bids may be withdrawn or amended by bidders at any time prior to the bid opening. After the bid opening, bids may not be amended. If a significant mistake has been made by an apparent low bidder, the bidder will be given the option of selling at the price given or withdrawing the bid. If an extension error has been made, the unit price will prevail.
- 1.15 Bid Envelope: If a special envelope is not furnished, or if return in the special envelope is not possible, the signed bid should be returned in an envelope or package, sealed and identified as follows:

Name	Due Date	Time	<u>Inventory Items for the Plumbing and HVAC/R Program</u> Bid Description
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- 1.16 Submission: A signed original **plus** one (1) copy of the bid must be received at the Business Office, Central Maine Community College, 1250 Turner Street, Auburn, Maine 04210, in a sealed envelope by **1:00 P.M. local time July 30, 2024**. Bidders are strongly encouraged to submit bids in advance of the due date to avoid the possibility of missing the 1:00 deadline due to unforeseen circumstances. Bidders assume the risk of the methods of dispatch chosen. The College assumes no responsibility for delays caused by any package or mail delivery service. A postmark on or before the due date WILL NOT substitute for receipt of bid. Bids must be date and time stamped by the College on time to be considered. In the event that the College is closed due to inclement weather at the time that a bid is due, the bid will be opened at the same time on the next day that the College is open. Bidders may wish to call (207) 755-5100 if the weather is bad, to learn if the College is closed. Bids received after the due date and time will be returned unopened. Additional time will not be granted to any single bidder, however, additional time may be granted to all vendors when the College determines that circumstances require it. **BIDS MAY BE SUBMITTED BY MAIL OR ELECTRONICALLY TO [MAUBE@CMCC.EDU](mailto:MAUBE@CMCC.EDU)**.
- 1.17 Tax Exempt: The College is exempt from the payment of Federal Excise Taxes on articles not for resale and for the Federal Transportation Tax on all shipments. The Contractor and subcontractor shall quote **and shall be reimbursed less these taxes**. Upon application, exemption certificates will be furnished when required. The College is exempt from the payment of Maine State Sales and Uses Taxes.

2.0 CONTRACT TERMS AND CONDITIONS:

- 2.1 Contract Documents: If a separate contract is not written, the contract entered into by the parties shall consist of the Request for Bids, the signed bid submitted by the Contractor, the specifications including all modifications thereof, and a purchase order or letter of agreement requiring signatures of the College and the Contractor, all of which shall be referred to collectively as the Contract Documents.
- 2.2 Contract Validity: In the event one or more clauses of the contract are declared invalid, void, unenforceable or illegal, that shall not affect the validity of the remaining portions of the contract.
- 2.3 Contract Administration: **Marc Gilbert, Plumbing & HVAC Chair**, shall be the College's authorized representative in all matters pertaining to the administration of this contract, (207) 755-5440.
- 2.4 Litigation: This Contract and the rights and obligations of the parties hereunder shall be governed by and construed in accordance with the laws of the State of Maine. The Contractor agrees that any litigation, action or proceeding arising out of this Contract shall be instituted in a state court located in the State of Maine.
- 2.5 Assignment: Neither party of the contract shall assign the contract without the prior written consent of the other, nor shall the contractor assign any money due or to become due without the prior written consent of the College.
- 2.6 Equal Opportunity: In the execution of the contract, the Contractor and all subcontractors agree, consistent with College policy, not to discriminate on the grounds of race, color, religion, sex, sexual orientation, transgender status or gender expression, national origin or citizenship status, age, disability or veteran's status and to provide reasonable accommodations to qualified individuals with disabilities upon request. The College encourages the employment of individuals with disabilities.
- 2.7 Sexual Harassment: The College is committed to providing a positive environment for all students and staff. Sexual harassment, whether intentional or not, undermines the quality of this educational and working climate. The College thus has a legal and ethical responsibility to ensure that all students and

employees can learn and work in an environment free of sexual harassment. Consistent with the state and federal law, this right to freedom from sexual harassment was defined as College policy by the Board of Trustees. Failure to comply with this policy could result in termination of this contract without advanced notice. Further information regarding this policy is available from the Director of Human Resources, Central Maine Community College, 1250 Turner Street, Auburn, ME 04210, (207) 755-5396.

- 2.8 Smoking Policy: Central Maine Community College must comply with the "Work place Smoking Act of 1985" and MRSA title 22, 1541 et seq, "Smoking Prohibited in Public Places." In compliance with this law, Central Maine Community College has prohibited smoking on campus. This rule must also apply to all contractors and workers that are on campus. The Contractor shall be responsible for the implementation and enforcement of this requirement.
- 2.9 Parking Regulations and Use of Walkways: Unregistered vehicles on the College campus are subject to a parking violation ticket and/or towing off campus. Contractors are advised that parking regulations are strictly enforced by City of Auburn police. Towing will be at the Contractor's expense.
- 2.10 Payments: Payment will be upon final acceptance of product and submittal of an invoice to the College, by the Contractor on a net 30 basis unless discount terms are offered.

**NOTICE TO VENDORS AND BIDDERS:**

**STANDARD TERMS AND CONDITIONS APPLICABLE TO ALL MCCS CONTRACTS**

The following standard contracting terms and conditions are incorporated and shall become a part of any final contract that will be awarded by any college or other operating unit of the Maine Community College System (collectively "MCCS"). These terms and conditions derive from the public nature and limited resources of the MCCS. **MCCS DOES NOT AGREE TO:**

1. Provide any defense, hold harmless or indemnity;
2. Waive any statutory or constitutional immunity;
3. Apply the law of a state other than Maine;
4. Procure types or amounts of insurance beyond those MCCS already maintains or waive any rights of subrogation;
5. Add any entity as an additional insured to MCCS policies of insurance;
6. Pay attorneys' fees; costs, including collection costs; expenses or liquidated damages;
7. Promise confidentiality in a manner contrary to Maine's Freedom of Access Act;
8. Permit an entity to change unilaterally any term or condition once the contract is signed;
9. Automatic renewals for term(s) greater than month-to-month;
10. Limitations on MCCS' recovery of lawful damages incurred as a result of breach of the contract;
11. Limitation of the time period under which claims can be made or actions brought arising from the contract;
12. Vendor's terms prevailing over MCCS' standard terms and conditions, including addenda; and
13. Unilateral modifications to the contract by the vendor.

**BY SUBMITTING A RESPONSE TO A REQUEST FOR PROPOSAL, BID OR OTHER OFFER TO DO BUSINESS WITH MCCS, YOUR ENTITY UNDERSTANDS AND AGREES THAT:**

1. The above standard terms and conditions are thereby incorporated into any agreement entered into between MCCS and your entity; that such terms and condition shall control in the event of any conflict with such agreement; and that your entity will not propose or demand any contrary terms;
2. The above standard terms and conditions will govern the interpretation of such agreement notwithstanding the expression of any other term and/or condition to the contrary;
3. Your entity will not propose to any college or other operating unit of the MCCS any contractual documents of any kind that are not in at least 11-point black font on a white background and completely contained in one Word or PDF document, and that any references to terms and conditions, privacy policies or any other conditions referenced outside of the contract will not apply; and
4. Your entity will identify at the time of submission which, if any, portion or your submitted materials are entitled to "trade secret" exemption from disclosure under Maine's Freedom of Access Act; that failure to so identify will authorize MCCS to conclude that no portions are so exempt; and that your entity will defend, indemnify and hold harmless MCCS in any and all legal actions that seek to compel MCCS to disclose under Maine's Freedom of Access Act some or all of your submitted materials and/or contract, if any, executed between MCCS and your entity.

# Request for Bid

## Inventory Items for 24 – 25 PHT and HVT Programs

The Plumbing and HVAC/R Program needs the following items to be used in building real-life mockups of plumbing, heating, and cooling systems. Please quote a per item price for the following items. Price quotes should be good through May 1st, 2025. Quantities of each item will be determined as needs arise. Please provide item pricing in the form of an Excell Sheet. Excell sheets with the items can be requested by emailing [mgilbert@cmcc.edu](mailto:mgilbert@cmcc.edu)

Please check here if you can provide same day delivery\_\_\_\_\_

Please Check here if you can provide next day delivery\_\_\_\_\_

PLEASE PROVIDE PRICING FOR EACH OF THE FOLLOWING:

1" copper T  
1"x ¾" copper Ts  
1" x 1/2" copper Ts  
1" male adapters  
24 volt transformers  
1" copper M pipe  
¾ copper M pipe  
½" copper M pipe  
½" boiler drains  
½"male adapters  
1" circulator isolation flanges  
¾" circulator isolation flanges  
1" copper 90s  
¾" copper 90s  
1" copper street 90s  
¾" copper street 90s  
¾" copper street 45s  
3/4" copper 45s  
1" copper street 45s  
4' lengths of Slant Finn baseboard  
1" x ¾" copper couplings  
Rinnai 100,000 BTU non combi condensing natural gas boilers  
R410A REFRIGERANT  
silver braze rod 15%  
silver bright solder  
4 OUNCE containers of flux  
8 OUNCE CONTAINERS OF FLUX  
100 flux ACID brushes

3/8X50 OD copper tubing  
1/2X50 OD copper tubing  
5/8X50 OD copper tubing  
3/4X50 OD copper tubing  
7/8X50 OD copper tubing  
3/8 flared couplings  
3/8" FLARE NUTS  
¼ inch refrigeration access ports  
Schrader valve removal tools  
YELLOW JACKER ¼" refrigeration hose gaskets  
YELLOW JACKER 3/8" refrigeration hose gaskets  
YELLOW JACKER ½" refrigeration hose gaskets  
basic Schrader tools with Schrader's  
gallon vacuum pump oil  
bag of Speedy Dry  
boxes of solderless connectors  
heat shields (black)  
roll black electrical tape  
Roll white electrical tape  
Extra-large commercial trash bags  
Hand cleaner  
Paper towels  
Safety glasses  
HTP ULTRA SSU-45LC 45GAL TANK LESS CONTROL  
Honeywell L4080B-1352 H/W CONTROL or similar  
Rinnai EX 22 22,000 btu propane fired direct vent wall furnace  
Rinnai I090sn heat only condensing wall boiler  
Mitsubishi 12,000 btu Hyper heat Minisplit with outdoor and indoor unit  
One floor mounting stand capable of holding 150 lb.  
One floor mounting stand capable of holding 300 lb.  
One wall mounting bracket capable of holding 150 lb.  
One wall mounting stand capable of holding 300 lb.  
10 foot length 1-1/4 M HARD COP TUBE  
10 foot length 1" M HARD COP TUBE  
10 foot length ¾" M HARD COP TUBE  
10 foot length ½" M HARD COP TUBE  
3/6X6' PLATED THREADED ROD- ZINC (SSTRUT H104)  
NY AP-154U-T BOILER W/COIL  
H/W AM100-US-1LF LEAD FREE 1/2 C MIX VLV 70-145F  
WATTS 0190482 53L 1/2" 150LB PRESS RELF VLV  
WATTS 88005700 LFFBVS-3C-M1 1/2 SWT BRASS BALL VALVE LEAD FREE  
4" SOILD CEMENT BLOCK  
AMTROL 393989 1" AIR PURGER (443-1)  
AMTROL EX30, 389710 EXTROL EXPANSION TANK (102-1)  
AMTROL EX60, 389732 EXTROL EXPANSION TANK (103-1)

1" BLK STEEL PIPE T/C PER/FT (WDBTCA53A0100133S)  
1 BLK MAL 90 ELBOW (ZMBL9005)  
1 X 18 BLACK NIPPLE  
1-1/4 X CLOSE BLACK NIPPLE  
WATTS 0386462 B911S M3 1/2" BRONZE COMBO BACKFLOW PREVENTER  
1/2X2 BRASS NIPPLE  
LEAD FREE 1/2 BRASS TEE  
WATTS 88005687 LFFBV-3C-M1 1/2IPS BRASS BALL VALVE LEAD FREE  
TACO 400-4 1/8" HYVENT VENT OR SIMILAR  
ID WOLL63 1X1 CXM ADAPTER OD WOLL63 1-1/8X1 CXM ADAPTER (9031351)  
RWB 12230 B-104-CF VB104CF 3/8FLX1/4M FUSIBLE ANGLE FOR OIL  
48-66 3/8 FL X 3/8 MIPS ADAPTER  
3/8 FROST PROOF FLARE NUT  
EBL900F 36" GALV STRIPPED BRAIDED FLEX OIL LINE 3/8 FEM FLARE SWIVEL  
ID A01507 1/2X1/2 CXF 90 ELBOW OD A01507 5/8X1/2 CXF 90 ELBOW  
ID W04049 1X1X3/4 COP TEE OD W04049 1-1/8X1-1/8X7/8 COP TEE (9099451)  
TACO 007F5-71FC (007F1FC) CIRC W / INTERNAL CHECK  
TACO 007eCIRC W / INTERNAL CHECK  
TACO 0015e CIRC W / INTERNAL CHECK  
TACO VT2218 Delta T ECM circulator  
1 X 1 X 3/4 BLK MAL TEE (ZMBTR0504)  
3/8 X 2 BLACK NIPPLE  
3/8 X 2 1/2 BLACK NIPPLE  
3/8 X 3 BLACK NIPPLE  
3/8" X 3 1/2 BLACK NIPPLE  
3/8 X 4 BLACK NIPPLE  
3/8 X 4 1/2 BLACK NIPPLE  
3/8 X 5 BLACK NIPPLE  
3/8 X 5 1/2 BLACK NIPPLE  
3/8 X 6 BLACK NIPPLE  
1/2" X 2 BLACK NIPPLE  
1/2" X 2 1/2 BLACK NIPPLE  
1/2" X 3 BLACK NIPPLE  
1/2" X 3 1/2 BLACK NIPPLE  
1/2" X 4 BLACK NIPPLE  
1/2" X 4 1/2 BLACK NIPPLE  
1/2" X 5 BLACK NIPPLE  
1/2" X 5 1/2 BLACK NIPPLE  
1/2" X 6 BLACK NIPPLE  
3/4 X 2 BLACK NIPPLE  
3/4 X 2 1/2 BLACK NIPPLE  
3/4 X 3 BLACK NIPPLE  
3/4 X 3 1/2 BLACK NIPPLE  
3/4 X 4 BLACK NIPPLE  
3/4 X 4 1/2 BLACK NIPPLE



3/4 X 5 BLACK NIPPLE  
3/4 X 5 1/2 BLACK NIPPLE  
3/4 X 6 BLACK NIPPLE  
3/4 X 7 BLACK NIPPLE  
3/4 X 8 BLACK NIPPLE  
3/4 X 9 BLACK NIPPLE  
3/4 X 10 BLACK NIPPLE  
3/4 X 11 BLACK NIPPLE  
3/4 X 12 BLACK NIPPLE  
1 X 2 1/2 BLACK NIPPLE  
1 X 3 BLACK NIPPLE  
1 X 3 1/2 BLACK NIPPLE  
1 X 4 BLACK NIPPLE  
1 X 4 1/2 BLACK NIPPLE  
1 X 5 BLACK NIPPLE  
1 X 5 1/2 BLACK NIPPLE  
1 X 6 BLACK NIPPLE  
1 ¼ X 3 BLACK NIPPLE  
1 ¼ X 3 1/2 BLACK NIPPLE  
1 ¼ X 4 BLACK NIPPLE  
1 ¼ X 4 1/2 BLACK NIPPLE  
1 ¼ X 5 BLACK NIPPLE  
1 ¼ X 5 1/2 BLACK NIPPLE  
1 ¼ X 6 BLACK NIPPLE  
1 ½" X 3 BLACK NIPPLE  
1 ½" X 3 1/2 BLACK NIPPLE  
1 ½" X 4 BLACK NIPPLE  
1 ½" X 4 1/2 BLACK NIPPLE  
1 ½" X 5 BLACK NIPPLE  
1 ½" X 5 1/2 BLACK NIPPLE  
1 ½" X 6 BLACK NIPPLE

2 GALV SPLIT RING HANGER  
1 ½" GALV SPLIT RING HANGER  
1 ¼" GALV SPLIT RING HANGER  
1" GALV SPLIT RING HANGER 2000-4, 41GO100  
¾" GALV SPLIT RING HANGER 2000-3, 41G0075  
1/2" GALV SPLIT RING HANGER  
2" ANVILE SWIVEL HANGER  
1 ½" ANVILE SWIVEL HANGER  
1 ¼" ANVILE SWIVEL HANGER  
1" ANVILE SWIVEL HANGER 2000-4, 41GO100  
3/8 ANVILE SWIVEL 2002-C-G, 41AG0038  
¾" ANVILE SWIVEL HANGER 2000-3, 41G0075  
1/2" ANVILE SWIVEL HANGER

3/8 BLACK JR TOP BEAM CLAMP 2004-C-P, 62B0038  
 3/8 GALV FM PLATE 2002-C-G, 41AG0038  
 3/4 SWT BRASS BALL VALVE LEAD FREE  
 1" SWT BRASS BALL VALVE LEAD FREE  
 1 ¼" SWT BRASS BALL VALVE LEAD FREE  
 1 ½" SWT BRASS BALL VALVE LEAD FREE  
 LEAD FREE A01539NL ID 3/4X3/4X1/2 CXCXF TEE OD 7/8X7/8X1/2 (MATCO CRTF0403LF) (BF14615L)  
 1/2" 1/4-TURN BOILER DRIAN  
 3/4" 1/4-TURN BOILER DRIAN  
 TACO SR501 SINGLE ZONE CIRCULATOR RELAY  
 TACO SR503 THREE ZONE CIRCULATOR RELAY  
 TACO SR504 FOUR ZONE CIRCULATOR RELAY  
 TACO SR506 SIX ZONE CIRCULATOR RELAY  
 TACO ZVC 403 THREE ZONE VALVE RELAY  
 TACO ZVC 404 FOUR ZONE VALVE RELAY  
 TACO ZVC 406 SIX ZONE VALVE RELAY  
 HYDROLEVEL LOW WATER CUT OFF 45-175 170SV LWCO 120V OEM  
 HYDROLEVEL 3200 PLUS LIMIT CONTROL  
 100 18-1 / 2X17-1 / 2X 17-1/ 2X30 PLENUM (74)  
 100 18-1 / 2X15-1 / 2X 30 PLENUM (70)  
 RWB 12230 B-104-CF VB104CF 3/8FLX1/4M FUSIBLE ANGLE  
 4" SOILD CEMENT BLOCK  
 WATTS SB1156FM3 1/2" BRONZE FILL VALVE  
 Watts 911s ½" Comb Fill Valve/Backflow Preventor (Sweat X NPT)  
 CALEFFI 1/2" 573 Backflow Preventer and AutoFill Combination (Sweat x NPT)  
 AMTROL SX30 , 389710 EXTROL EXPANSION TANK (102-1)  
 SPIROVENT VJR100-TM 1" FEMAL THREAD BRASS AIR ELIMINATOR WITH 1/2" TANK MOUNT  
 AMTROL 393989 1" AIR PURGER (443-1)  
 SPIROVENT VJR100-TM 1 ¼" FEMAL THREAD BRASS AIR ELIMINATOR WITH 1/2" TANK MOUNT  
 AMTROL 393989 1 ¼" AIR PURGER (443-114)  
 TACO 418-3 HY-VENT 1/8"  
 1/2IPS BRASS BALL VALVE LEAD FREE  
 1/2IPS BRASS BALL VALVE LEAD FREE  
 3/4 IPS BRASS BALL VALVE LEAD FREE  
 Watts 1' IPS BRASS BALL VALVE LEAD FREE  
 1 ¼" IPS BRASS BALL VALVE LEAD FREE  
 ID1X1 CXM ADAPTER OD W01163 1-1/8 X1 CXM ADAPTER (9031351)  
 WATTS 1SWT BRASS BALL VALVE LEAD FREE  
 TACO 007F5-71FC (007F1FC) CIRC W / INTERNAL CHECK  
 TACO e0015 CIRC W / INTERNAL CHECK  
 TACO ¾" Sentry zone valve IPS  
 TACO ¾" Sentry zone valve sweat  
 TACO 1" Sentry zone valve sweat  
 TACO 1" Sentry zone valve sweat  
 TACO 007E-2F4 H/E 4-WAY FLNG 115 CIRC

3M 7010319283 TEMFLEX 1700C electrical tape  
MARS 82538 TR30R FUSES 3PK  
SAF 8X1/2 500PK SCREWS  
180 17X36 PANNING MATERIAL 180020  
41FP-6 3/8 HEAVY FLARE NUT  
41S-6 3/8 MACH FLARE NUT  
48-32 3/16 FL X 1/8 MIPS ADPT  
48-66 3/8 FL X 3/8 MIPS ADAPTER  
49-66 3/8 FL X 3/8 MIPS 90 ELL  
49-86 1/2 FL X 3/8 MIPS 90 ELL  
555-23 1/2-3/4 CTS TWIN TALON HANGER  
626456R LIMIT SWITCH 135-105 CMF  
626619R LIMIT SWITCH 140/100F  
79245 1" COPPER PROGRESS X MALE PRESS ADAPT  
79260 1-1/4 COPPER PROGRESS X MALE PRESS ADAPT  
79330 1" COPPER PROGRESS X FEM PRESS ADAPT  
79350 1-1/4 COPPER PROGRESS X FEM PRESS ADAPT  
ALLANSON 2275-628G BCKT AFG W / GSKT  
AMTROL EX30, 389710 EXTROL  
AMTROL EX60, 389732 EXTROL  
BG 113222 97 AIR VENT (400)  
CALEFFI 502710A 1/8" VENT W / CHECK  
CARLIN 41000-S CONST DUTY IGN ONLY  
CARLIN 41000-SO-BK1 IGN / BASE BCKTT  
CARLIN 41000-SO-CAS IGN/BASE CCT  
EBL900F 36" GALV STRIPPED BRAIDED  
EFF 11005S-LF 5/8" SS PINCH CLAMP  
EFF 11005S-LF 3/4" SS PINCH CLAMP  
EFF U3256-LF 5/8 PEX X 3/4 CMS  
F/C 02722701 6" RC DRAFT CONTROL  
3/8" ROD FOR 1/2" ID COPPER RUBBER/GALV CUSHION HANGER  
3/8" ROD FOR 3/4" ID COPPER RUBBER/GALV CUSHION HANGER  
3/8" ROD FOR 1" ID COPPER RUBBER/GALV CUSHION HANGER  
CUSHION CLAMP FOR USE WITH UNISTRUTE SIZED FOR 1/2" ID COPPER  
CUSHION CLAMP FOR USE WITH UNISTRUTE SIZED FOR 3/4" ID COPPER  
CUSHION CLAMP FOR USE WITH UNISTRUTE SIZED FOR 1" ID COPPER  
3/8 X 1-1/2 BLACK NIPPLE  
3/8 X 2 BLACK NIPPLE  
590-10 CEMENT ANCHOR KIT  
643X2 1/2 PEX X C MALE ADAPTER  
643X3 3/4 PEX X MALE ADAPTER  
DOUBLE END PVC TAILPIECE 1.5" X 16"  
GERBER G0041510 PVC TRIP LEVER CHROME  
HARVEY 004305-24 3 NO-SEEP WAX RING  
HARVEY 004375 35B WAX RING EXTEN

HARVEY 007400 10 NO-SEEP THICK WAX  
LEAD FREE 1 X 3/4 BRASS 90 ELBOW  
LEAD FREE 3/4 BRASS 90 ELBOW  
LEAD FREE 3/4 BRASS PLUG SQ HEAD  
LEAD FREE 3/4 BRASS TEE  
SILVABRITE 100 SOLDER  
PVC 100 2 COUPLING (100)  
SAMI SEAL BX01 WAXLESS TOILET GASKT  
SUNTEC PRV-38 OIL SAFTY VALVE  
D/T WS-1 WET SWITCH  
MARS 79528 REFRIG EVAC CERT 5PK  
SPORLAN C163 401048 CATCHALL FILTER  
SPORLAN C1635 401021 CATCHALL  
SPORLAN HPC103S 4041013/8 ODF HP  
10LB BOX OF RAGS  
25LB BOX OF RAGS  
30LB 400PSI NEW RECOVERY REF TANK  
BLK-120 MAMBA LARGE GP SMOOTH  
BLK-130 MAMBA X-LARGE GP SMOOTH  
KLEIN 603-7 2 7" PHILLIP SCREWDRVR  
KLEIN JTH9E08 1/8 HEX T WRENCH  
KELIN MAG2 MAGNETIZER/DEMAGNETIZER  
LENOX 21008 IMP TUBING CUTTER  
LENOX 23931 6-IN-1 SCREWDRIVER  
LENOX 30888 VB11 PILOT DRILL BIT  
LENOX 30912 VB12 PILOT DRILL BIT  
M/R 3/8" ID FTG BRUSH  
M/R 1/2" ID FTG BRUSH  
M/R 5/8" ID FTG BRUSH  
M/R 3/4" ID FTG BRUSH  
M/R 7/8" ID FTG BRUSH  
M/R 1" ID FTG BRUSH  
M/R 1 1/8" ID FTG BRUSH  
MARS 78931 SOLDER HEAT SHEILD 9X12  
RIDGID 40617 101 TUBING CUTTER  
SOUTHWIRE 58282240 ROTARY MC CUTTER  
**SPEEDCLEAN CJ-125 COILJET CLEANER**  
SUPCO MAG1YL 20" YELLOW MAG JUMPER  
UEI CD100A COMB GAS DETECTOR  
UNIWEILD X3BU 89600 TWISTER B KIT  
WALRICH 1840102 CAULK GUN BARREL  
RWB 5394 8" NOZZLE LINE (LONG)  
RWB PF20322U CLEANOUT PUMP 120V  
TACO 0011F4 (0011F) CIRCULATOR L/F  
TACO 400-4 1/8" HY-VENT VENT

TACO 571-2 3/4SWT GOLD ZONE VALVE  
THERMOFLO R02R004 195-DEG LIMIT  
W/S H-40403 3/4" FIPS IOSLATOR BALL  
W/S H-40413 1" FIPS IOSLATOR BALL  
W/W E80-1 TM-30S CAD CELL  
W/W T100-82 IJW-18 INSUL JUMP WIRES  
WATTS 0011917 3L 3/4 150LB PRES R  
WATTS 0066100 100XL-8 3/4" 150/210  
WATTS 0342692 M335M2 3/4" MXF 30LB  
WATTS 30 LB F X F RELEIF V  
WATTS 88005687 LFFBV-3C-M1 1/2IPS  
WATTS 88005689 LFFBV-3C-M1 3/4IPS  
WATTS 88005700 LFFBVS-3C-M1 1IPS  
WATTS 88005689 LFFBV-3C-M1 1/2SWT  
WATTS 88005689 LFFBVS-3C-M1 3/4SWT  
WATTS 88005701 LFFBVS-3C-M1 1SWT  
WINTERS TTD404 SHORT TRIDICATOR  
ZERO LEAD 46645 3/4 BRASS PEX CRIMP  
KLEIN 605-6 6IN CAB TIP SCREWDRIVER  
MITSU MHK2 REDLINK WIRELESS REMOTE  
MITSU MUZ-JP09WA-U1 WALL EVAP UNIT  
MITSU MUZ-JP09WA-U1 COND UNIT  
0 MITSU MRCH2 REPLACEMENT REDLINK  
MARS 05812 5KSP51GL583T MOTOR  
RWB 21805U (21805B) MOTOR  
F/D RIB2401D RELAY  
GENINS 2 X 4' MINWOOL MINERAL BOARD  
GFI 1300 1A-25B (3/8 NPT) FUEL OIL  
GFI 1600 GAR-BER 11V-R FILTER  
GFI 3610 G10 GAR-BER FRI VACUUM  
S220-12 TIGER LOOP ULTRA Installation Bundle With Two (2) S220-36 36 Flex-Lines  
H/W C554A-1463 FLAME DETECTOR  
H/W FV147 1/8" AIR VENT  
H/W L4006A-2007 AQUASTAT  
H/W L7224U-1002 ELECTRONIC AQUASTAT  
H/W R7284U-1004 UNIV OIL PRIMARY  
H/W R8184G-4009 45SEC OIL PRIMARY  
H/W S8610U-3009 IP CONTROL  
H/W T87K-1007 THERMOSTAT WHITE  
H/W TH1100DV-1000 HEAT ONLY  
HAYDON 750B2 67000 BASEBOARD  
HAYDON 750B4 BASEBOARD COMPLETE  
HAYDON 750B5 BASEBOARD COMPLETE  
JOMAR 102-303 T-203 1/2 IPS GAS  
JOMAR 102-304 T-203 3/4 IPS GAS

JOMAR 300-006 SS-306BTN SNAP BASKET  
LYNN 1032 KIT A 14X48X1/2 WET BLNKT  
LYNN 9451 DRY BLANKET 48X16X1/2  
O GFI 1602 GAR-BER 11BV-R STD  
O RWB 12110 B-100-F 3/8 FIRE VALVE  
O RWB 12230 B-104-CF VB104CF  
RIELLO C7001010 3007802 PUMP F3-10  
RIELLO C7001029 CONTROL BOX-MECTRON  
RIELLO C7001029 3062516 MOTOR F3-10  
RIELLO C7001039 HYRAULIC JACK  
RIVA RIB01BDC RIB RELAY  
ROBSHW 1960-027 THERMOCOPLE  
ROBSHW 41-802N UNIV IGNITOR  
RWB 12410 B-100-HCV 3/8" BR  
RWB 12640 141-TF 1/2 MPT TANK VALVE  
RWB 12930 3/8 FL X 1/4 MFT X 1-1/4  
RWB 13100 04316 FILL CAP UF-21  
RWB 13215 04338 1-1/2 STR FEM FILL  
RWB 13412, 04324 1-1/4 FEM 45 FILL  
RWB 14037 V-2S 1-1/4" VENT CAP W/  
RWB 14038 V-25S 1-1/2" VENT CAP W/  
RWB 2999U AFG, NX, CG4 4-1/4X2-1/2  
RWB 51127 11" NOZZLE LINE  
RWB 51771U 14K-VOLTS IGNITR 10SAY04  
RWB 51826U 10SAY15 IGN W/CARLIN  
1 BLK MAL 90 ELBOW (ZMBL9005)  
1 BLK MAL CAP (ZMBCA05)  
1 BLK MAL COUPLING (ZMBCP05)  
1 X 1 X 1/2 BLK MAL TEE (ZMBTR0503)  
1 X 1 X 3/4 BLK MAL TEE (ZMBTR0504)  
3/8" BLK STEEL SHEDULE 40 PIPE PER 10 FOOT LENGHT  
1/2" BLK STEEL SHEDULE 40 PIPE PER 10 FOOT LENGTH  
3/4" BLK STEEL SHEDULE 40 PIPE PER 10 FOOT LENGTH  
1" BLK STEEL SHEDULE 40 PIPE PER 10 FOOT LENGTH  
1 1/4" BLK STEEL SHEDULE 40 PIPE PER 10 FOOT LENGTH  
1 1/2" BLK STEEL SHEDULE 40 PIPE PER 10 FOOT LENGTH  
2" BLK STEEL SHEDULE 40 PIPE PER 10 FOOT LENGTH  
3/8 BLK MAL 90 ELBOW  
1/2 BLK MAL 90 ELBOW  
3/4 BLK MAL 90 ELBOW  
1 BLK MAL 90 ELBOW  
1 1/4 BLK MAL 90 ELBOW  
1 1/2 BLK MAL 90 ELBOW  
2 BLK MAL 90 ELBOW  
1 1/2" X 1" BLK MAL 90 ELBOW

1 1/2" X 1 1/4" BLK MAL 90 ELBOW  
 3/8 BLK MAL COUPLING  
 1/2 BLK MAL COUPLING  
 3/4 BLK MAL COUPLING  
 1 BLK MAL 90 COUPLING  
 1 1/4 BLK MAL COUPLING  
 1 1/2 BLK MAL 90 COUPLING  
 2 BLK MAL 90 COUPLING  
 3/8 BLK MAL TEE  
 1/2 BLK MAL TEE  
 3/4 BLK MAL TEE  
 1 BLK MAL TEE  
 1 1/4 BLK MAL TEE  
 1 1/2 BLK MAL TEE  
 2 BLK MAL 90 TEE  
 1-1/2 X 1 BLK MAL COUPLING  
 1-1/2 X 1 1/4 BLK MAL COUPLING  
 1-1/4 X 1 BLK MAL COUPLING  
 1-1/4 X 3/4 BLK MAL COUPLING  
 1 X 3/4 BLK MAL COUPLING  
 1 X 1/2 BLK MAL COUPLING  
 3/4 X 1/2 BLK MAL COUPLING  
 3/4 X 3/8 blk mal COUPLING  
 1 X 1/2" BLK MAL TEE  
 1X3/4 BLK MAL TEE  
 1 BLK MAL TEE  
 1 1/4 X 1 1/4" X 3/4 BLK MAL TEE  
 1-1/2 X 1 X 3/4 BLK MAL TEE  
 1-1/2 X 1 X 3/4 BLK MAL TEE  
 1-1/2 X 1 X 3/4 BLK MAL TEE  
 1-1/2 X 1 X 3/4 BLK MAL TEE  
 1-1/2 X 1 X 3/4 BLK MAL TEE  
 1/2 X 1/4 BLK HEX BUSHING  
 1/2 X 3/8 BLK HEX BUSHING  
 3/4 X 1/2 BLK HEX BUSHING  
 1 X 3/4 BLK HEX BUSHING  
 1 1/4 X 1 BLK HEX BUSHING  
 1 1/2 X 1 1/4 BLK HEX BUSHING  
 2 X 1 1/4 BLK HEX BUSHING  
 2 X 1 1/2" BLK HEX BUSHING  
 1/4 X 1/8 BLK MAL COUPLING  
 2 BLK CORED PLUG  
 3/8 BLK MAL CAP  
 1/2 BLK MAL CAP  
 3/4 BLK MAL CAP  
 1 BLK MAL CAP

1 ¼ BLK MAL CAP  
1 ½" BLK MAL CAP  
3/8" BLK MAL PLUG  
1/2" BLK MAL PLUG  
3/4" BLK MAL PLUG  
1" BLK MAL PLUG  
1 1/4" BLK MAL PLUG  
1 1/2" BLK MAL PLUG  
2" BLK MAL PLUG  
1/2 COPPER SPLIT RING HANGER  
3/4 COPPER SPLIT RING HANGER  
1 COPPER SPLIT RING HANGER  
1 ¼" COPPER SPLIT RING HANGER  
1 ½" COPPER SPLIT RING HANGER  
2" COPPER SPLIT RING hanger  
3/4 X 10' PREF STRAPPING GALV  
3/4 X 50' PREF STRAPPING GALV  
626337R FAN CONTROL  
632444R PRESSURE SWITCH 1.74  
F/D RIBU1C SPDT PIOLT RELAY  
H/W TH4110U-2005 T4 PRO 1H/1C 3.39  
HC F216 51327 R6 8X25 MTL INS FLX  
NASHUA 354 2" X60YD PREMIUM SILVER SOLDER  
PF 16X25X2 PLEATED FILTER  
PF 20X25X2 PLEATED FILTER  
VENTURE 7100043750 3520CW 3"X50YD  
3M 7100006734 FB-FOAM FIRE BLOCK  
BOSS 37610 376 280ML HI-TEMP RED  
HERC 15-806 80Z MAGLOC SEALANT  
HERC 45-013 10YD PLUMBER OPEN MESH  
JJM 2012 NBT-24-P COMBO CONDENSATE  
R/S 68442 MAGNE-PATCH  
R/S 68512 ODORGON POWDER 1LB  
R/S 82560 DESOLV MINI-SPLIT KIT  
ID W01022 1/2 COP COUPLING  
ID W01034 3/4 COP COUPLING  
ID W01146 1/2X1/2 CXM ADAPTER  
ID W01146 3/4 X 3/4 CXM ADAPTER  
ID W01163 1X1 CXM ADAPTER  
ID W01231 1/2 X 1/2 CXF ADAPTER  
ID W01246 3/4 X 3/4 CFX ADAPTER  
ID W01622 1/2 COP 90 ELBOW  
ID W01634 3/4 COP 90 ELBOW  
ID W01647 1 COP 90 ELBOW  
ID W01654 3/4 COP STREET 90 ELBOW



ID W01903 1/2 SLIP COUPLING  
ID W03026 1/2 COP 45 ELBOW  
ID W03034 3/4 COP 45 ELBOW  
ID W04031 3/4 COP TEE  
ID W07007 1/2 COP TUBE CAP  
ID W07009 3/4 COP TUBE CAP  
LEAD FREE A01539NL ID 3/4X3/4X1/2  
LEAD FREE A02587NL ID 3/4X1/2X3/4  
18/2 UL T'STAT WIRE 500' ROLL  
18/4 UL T'STAT WIRE 250' ROLL  
18/5 UL T'STAT WIRE 250' ROLL  
18/6 UL T'STAT WIRE 250' ROLL  
18/8 UL T'STAT WIRE 250' ROLL  
#14-gauge white stranded copper x 500'  
#14-gauge black stranded or solid copper x 500'  
#14-gauge yellow stranded or solid copper x 500'  
#14-gauge green stranded or solid copper x 500'  
#14-gauge red stranded or solid copper x 500'  
#14-gauge blue stranded or solid copper x 500'  
#14-gauge brown stranded or solid copper x 500'  
#12-gauge white stranded copper x 500'  
#12-gauge black stranded or solid copper x 500'  
#12-gauge yellow stranded or solid copper x 500'  
#12-gauge green stranded or solid copper x 500'  
#12-gauge red stranded or solid copper x 500'  
#12-gauge blue stranded or solid copper x 500'  
#12-gauge brown stranded or solid copper x 500'  
#10-gauge white stranded copper x 500'  
#10-gauge black stranded or solid copper x 500'  
#10-gauge yellow stranded or solid copper x 500'  
#10-gauge green stranded or solid copper x 500'  
#10-gauge red stranded or solid copper x 500'  
#10-gauge blue stranded or solid copper x 500'  
#10-gauge brown stranded or solid copper x 500'  
3M 7100201470 NEW SCOTCH SUPER 33+  
Ridgid RID67182 300 COMPACT N/A W/250 STAND  
Ridgid RD56672 STAND RJ99 ROLLER HIGH PIPE  
Ridgid RID36273 VISE 460-6 TRISTAND CHAIN  
Ridgid RID36375 THREADER 00R 1/8-1 NPT  
Ridgid RID73442 OILER 418 F/EUROPE RID70830  
OIL CUT THRD PP IGAL PLSTC BTL LIQ BLK 1  
Ridgid RID45178 700 POWER DRIVE W/1/2-2NPT DIE HEAD CASE ARM  
Ridgid 153 FLARING TOOL 445R RCHT 45 DEGREE  
Ridgid RID31410 WRENCH 902 TORQUE  
Ridgid RID34403 CUTTER PRESS SNAP SOIL PIPE

Ridgid RID34403 CUTTER PRESS SNAP SOIL  
 Ridgid RTCO2095 PIPE WRENCH 14"" ALUM ARW14  
 Ridgid RTC02097 PIPE WRENCH 18"" ARW18 ALUM  
**Ridgid RTC02099 PIPE WRENCH 24"" ARW24 ALUMM**  
 Milwaukee MIL3002-1 KIT DR ANGLE R 1/2IN KEYED 763IN-LB 7A R  
 Milwaukee MILO244-1 DRILL ELEC 1/2IN KEYED 120VAC 700RPM G  
 Milwaukee MIL1675-6 DRILL ELEC HOLE HAWG 1/2" 2 SPEED  
 Milwaukee MIL6509-31 SAWZALL 0-3000SPM 12A 3/4" STROKE  
 Milwaukee 2 MIL2695-24 KIT COMBO CRDLSS 8 RED W/ BLK OVERMOLD  
 Milwaukee MIL6177-20 MACHINE CUT-OFF 14INDIA 1IN 5IN SHT MTL  
 Milwaukee MIL2773-22 KIT PRESS TOOL FORCE LOGIC M18  
 Milwaukee MIL49-16-2696 KIT PRESS LOGIC 1/2" 1" BLACKIRON  
 Milwaukee MIL2773-20 M18 FORCE LOGIC PRESS  
 Milwaukee MIL48-22-6312 GEN II 12 STRAIGHT JAW PLIERS  
 Milwaukee MIL48-22-7508 WRENCH ADJUSTABLE WIDE JAW 8"  
 Milwaukee MIL2997-22 DRILL/DRIV/HWR/IMP M18 FUEL 2/5 OAH  
 Milwaukee MIL2432-22 TOOL EXPANSION PROPEX M12  
 Milwaukee COOR210CV PLIERS 10IN TONGUE AND GROOVE CUSHION GRIP OR SIMILAR  
 Milwaukee COORT212CVN PLIERS T&G 12" BLACK OR SIMILAR  
 Milwaukee MIL48-22-7400 2PK 10 AND 6 ADJ WRENCH OR SIMILAR  
 Milwaukee GRW81890 WRENCH ADJUSTABLE CHROME CG 6" OR SIMILAR  
 Milwaukee GRW81891 WRENCH ADJUSTABLE CHROMW CG 8" OR SIMILAR  
 Milwaukee GRW81892 WRENCH ADJUSTABLE CHROME CG 10" OR SIMILAR  
 Milwaukee GRW81893 WRENCH ADJUSTABLE CHROME CG 12"  
 Milwaukee LEN23931 SCREWDRIVER 6 IN 1  
 Lenox 100 LEN23931 BLADE HACKSAW BIMETAL 12" X 32T 100PK  
 Lenox 100 LEN20117 BLADE HACKSAW BIMETAL 12"X24T 100PK  
 Lenox 20 LEN20578 BLADE RECIP 8X3/4X035X18T 5PK  
 Lenox 4 LEN20172 BLADE RECIP 6X1X042X14T LASER 5PK  
 Lenox 2 PROJ262SG PLIERS TONGUE & GROOVE PT2 7-1/16"  
 Lenox 2 LEN12131 HACKSAW HIGH TENSION 88-300  
 Lenox 20 LEN20562 BLADE RECIP 6X3/4X035X10T 5PK  
 Milwaukee MIL48-00-5041 BLADE SAW RECIP 5PK 6X1/2X0 05IN 4/16 UNIV  
 Fluke FLU902-FC CLAMP METER HVAC  
 A/S4188A104.020 (463971)  
 TLT ST RF CFWC SLW CLS AND EC PLS WHT  
 A/S5259B65MT.020  
 TLT BWL CDT PRO EL EC WHT  
 A/S3517C101.202 (465685)  
 TLT TNK CDT PRO HI-EFF WHT 1.28GPF 12  
 A/S4188A104.020 (463971)  
 TLT ST EL CFWC EZ LIFT AND EC SRFC PL  
 A/S5257A.65MT.020 (541360)  
 KTN SNK CLNY 25X22" 1B DRN 4H SS DRP  
 A/S20SB.8252284S.075 (634180)

KTN SNK CLNY 33X22" 2B 4H SS DRP-IN R A/S20DB.8SS2284S.075 (591369)  
 KTN FCT INCLSPRYR 8" 2BLD ADA CHR DEL2400LF (6681)  
 BSKT STRNR DP CUP W/BRS NUT SS DRB15BN (47201)  
 BDT CDT VERT SPRY 4H WHT 25-3/4X15X14 A/S5023100.020 (286056)  
 BDT FCT SERIN VB 2LVR ADA PC SPD-CONN A/S2064401.002  
 LEAD PED TOP CDT 24X20" WHT 8CC ROF OVL A/S0236008.020 (285321)  
 PED BSE CDT/CLNY 28" WHT F/0113/0115/ A/S731100-400.020 (287189)  
 LAV FCT CLNY PRO WS 2LVR ADA PC PU 3H A/S7075800.002 (578260)  
 LAV LUCERNE 20X18" W/H CC WHT FOF ADA A/S0355012.020 (285593)  
 SHWR DRN SOLV WLD 2" SS PVC ABA34500 (58456)  
 PLUMBERS PTY STA PUT 3LB BGE HER25-103 (11255)  
 VAN 24X31X21" 1-DR GRAPH LDN BBC/LINBGR-VS24/ND (951122)  
 RITCHIE 29984 HBVV-48RYB HOSES 3PK  
 RITCHIE 46010 BRUTE II 4-V MANIFOLD  
 Modine **HSB18SB01SA** 18,000 BTU or similar  
 30 or gallon **indirect fired** water heater  
 ¾" NPT circulator isolation flanges  
 1" NPT circulator isolation flanges  
 ¾" x ½" copper Tees  
 1" copper x female adapters  
 ¾" COPPER X FEMALE ADAPTER  
 ½" COPPER X Female adapters  
 1" copper x male adapters  
 ¾" COPPER X MALE ADAPTER  
 ½" COPPER X male adapters  
 ¾" IPS Circulator Flanges  
 1" IPS Circulator Flanges  
 1 1/4" IPS Circulator Flanges  
 Taco or Similar 24 volt 40 va transformers that mount on a 4" box  
 Taco or Similar 24 volt 60 va transformers  
 ¾" copper 90 sweat  
 ¾" copper tee sweat  
 1" copper tee sweat  
 1 ¼" copper tee sweat  
 1" x ¾" copper tee sweat  
 1" IPS ball valves  
 Resideo AT 140 A 1000 transformers  
 R410A 25 lb. Canister of refrigerant  
 Recovery cylinder  
 40 cubic foot nitrogen bottle  
 40 cubic feet of nitrogen bottle refill  
 Silverbrite or similar 1lb roll of lead free solder  
 ½ through 1 3/8" fitting cleaning brushes  
 Open mesh emery cleaning cloth  
 Yellow Jacket or similar micron gauge

Yellow Jacket Titan Manifold with 6' vacuum and low loss high pressure hoses.

**OIL BURNER CLASS ITEMS**

Suntec A2VA 7116B oil pump w/o solenoid  
Suntec A2VA 3006B oil pump with solenoid  
Beckett Oil Pump PF20322U with solenoid valve  
Beckett AFG oil burner coupling  
King Coupler oil burner coupling  
8" nozzle line  
1 ¼" Scully Fast Fill Fitting  
1 ½" Scully Fast Fill Fitting  
Honeywell or Resideo L40006b 1007 strap on type aquastat  
Honeywell or Resideo L40006A insertion type aquastat  
Honeywell or Resideo L7224U 1002 insertion type aquastat  
Firomatic 3/8" x 3/8" inline fusible valve 12110  
1 ¼" x 12" nipple  
1 ¼" x 11" nipple  
1 ¼" rail flange  
2" x 1 ¼" Blk bushing  
2" x 1 ½" Blk Bushing  
SCULLY 01413 VENT GAUGE 2X1.25 42-44"  
SCULLY 01445 2X1-1/2" 42-44" COMBO Vent / gauge  
1 ¼" vent oil cap  
1 ½" vent oil cap  
½" x 3/8" Blk Bushing  
Taco 219-4 Horizontal Sweat Check  
Westwood Products E80-1 Cad Cell with Bracket  
Beckett 7006U Detector Cad Cell 15IN Leads  
Beckett F3 Combustion Head  
Beckett 21805U PCS Oil Burner Motor  
Beckett F6 Combustion Head  
Beckett Air Tube Combination AF53  
Beckett Air Tube Combination AF63  
Beckett Adjustable Mounting Flange 5432  
Beckett AFG oil burner B100 listed (BR200) with Genesis 7565 Control  
Beckett u2999 AFG blower wheel  
Beckett Electronic Ignitor 51826u for carlin 99 100 101  
Beckett 51771u electronic ignitor for AFG oil burner  
SSC – 109 single stage fuel Pump Strainer  
SSC – 110 two stage fuel Pump Strainer  
Watt 335M2-030 30 lb. relief valve  
Winters TTD404 2.5" ¼" NPT tridicator gauge  
Allanson 2275-628 Ignition Transformer  
Carlin 41000SOCAS Electronic ignitor for use with EZ1  
Carlin 70200 universal oil primary control  
Honeywell R7284 Primary Control

Honeywell Pro 1000 Thermostat  
 Riello C7001039 Hydraulic Jack  
 Riello 530 SE control Box  
 Riello 3005843 oil burner motor for F3, F5, F10 burners  
 Riello C7001018 Hydraulic Jack Eliminator Plug  
 Riello 3008630 F3, F5 electrodes  
 Riello C7001013 oil burner Fan for F3 and F5  
 Riello 20132573 Cad Cell Assembly  
 Riello 3000443 oil pump drive key  
 Riello C7001084 adjustable post purge board  
 Riello F3 Oil Burner with blast tube Rated for B100  
 Riello F3 Oil burner flange  
 24GA 6IN X 2' FULL LGTH PIPE 097760  
 24GA 6IN X 1' 1/2-LGH PIPE 098760  
 Fields 02722701 6" RC DRAFT CONTROL  
 24GA 6X6X6 Flue TEE 580010  
 90 6" 24GA GALV 90 ELL 090760  
 14160 SAT 8X1/2 1000PK Zip SCREW  
 Garber type replacement spin on #1 &2 oil filter  
 Unifilter RF-4 replacement oil filter  
 Unifilter RF-1 replacement oil filter  
 General 1A-25B oil filter complete  
 Garber oilfilt spin on complete  
 Garber oil filter bracket  
 Webster OSV 2/8" oil safety valve  
 Suntec PRV 38 oil safety valve

TACO 400 HY-VENY 1/8" NPT  
 TACO 24-volt 40VA transformer  
 TACO 218-3 3/4" NPT Universal Flow Check  
 TACO 220-6 1" universal flow check  
 RIB RIB01BDC rib relay  
 One 10' length of Unistrut 1 5/8" deep  
 One 10' length of Unistrut 7/8" deep  
 Unistrut 3/8" sliding nuts w/o spring  
 Unistrut 1/2" sliding nuts w/o spring  
 3/8" Zinc plated threaded rod  
 1/2" Zinc plated threaded rod  
 Box of 100 3/8" washers  
 Box of 100 1/2" washers  
 Box of 100 3/8" zinc plated nuts  
 Box of 100 1/2" zinc plated nuts  
 One-hundred-foot coil 3/8" Flexible Steel Conduit (greenfield)  
 Container of 100 NM clamp connectors  
 Container of 50 Bridgeport #230 EMT 1/2" conduit (screw type) Connectors

100 watt lamp holder  
Octagon metal 1/2" deep electrical box  
4" square metal 1 1/2" deep electrical box  
4" square metal 2 1/8" deep electrical box  
4" square metal box cover  
1/2" knock out plug  
3/4" knock out plug  
Box of 50 3/8" Bridgeport #403-DC2 squeeze connector  
Box of 25 3/8" Bridgeport 801-DC2 90 angle connector  
Box of 100 3/8" US-4461 Universal strap  
One handy Box 1 7/8" deep 2" x 4" handy box  
4" square Thermal Cut Off 165°F  
Box of 10 single pole 15-amp switch Brown or ivory  
4" square metal single switch cover  
250 of 14-2 NM cable (Romex)

**PLUMBING CLASS ITEMS the following is sche 40 DWV fitting**

**PVC 1 1/2" wye**  
**PVC 1 1/2" 90**  
**PVC 1 1/2" st 90**  
**PVC 1 1/2" 45\***  
**PVC 1 1/2" ST 45**  
**Pvc 1 1/2" 1/16**  
**PVC 1 1/2" ST 1/16**  
**Pvc 1 1/2" ls 90**  
**Pvc 1 1/2" ST 90**  
**Pvc 1 1/2" SANITARY TEE**  
**PVC 1 1/2" ECO**  
**PVC 2" 90**  
**PVC 2" ST 90**  
**PVC 2"45**  
**PVC 2"ST 45**  
**PVC 2" 11/6"**  
**PVC 2" ST 11/6**  
**PVC 2" LS 90**  
**PVC 2" ST LW 90**  
**PVC 2" WYE**  
**PVC 2" X 1 1/2" WYE**  
**PVC 2" SANITARY TEE**  
**PVC 2" X 1 1/2" SANITARY TEE**  
**PVC 2" ECO**  
**PVC 3" 90**  
**PVC 3" ST 90**  
**PVC 3" 45**  
**PVC 3" ST 90**  
**PVC 3" 1/16**

PVC 3" ST 11/6  
 PVC 3" LS 90  
 PVC 3" ST LS 90  
 PVC 3" WYE  
 PVC 3" X 2" WYE  
 PVC 3" X 1 1/2" WYE  
 3 " SANITARY TEE  
 PVC 3" X 2" SAN TEE  
 PVC 3" X 1 1/2" SAN TEE  
 PVC 3" ECO  
 PVC 4" 90\*  
 PVC 4" ST 90  
 PVC 4" 1/16  
 PVC 4" ST 1/16  
 PVC 4" 45  
 PVC 4" ST 45  
 PVC 4" LS 90  
 4" S4" ST LS 90  
 PVC 4" SANITARY TEE  
 PVC 4" X 3" SAN TEE  
 PVC 4" X 2" SAN TEE  
 PVC 4" X 1 1/2" SAN TEE  
 PVC 4" ECO  
 PVC 1 1/2" X 10' SOLID CORE SCHE 40 PVC PIPE  
 PVC 2" X 10' SOLID CORE SCHE 40 PVC PIPE  
 PVC 3" X 10' SOLID CORE SCHE 40 PVC PIPE  
 PVC 4" X 10' SOLID CORE SCHE 40 PVC PIPE  
 THE FOLLOW IS COPPER SWEAT PRESSURE FITTINGS  
 1/2" COPPER 90  
 1/2" COPPER SWEAT 90  
 1/2" COPPER 45  
 1/2" COPPER ST 45  
 1/2" COPPER COUPLING  
 1/2" COPPER MALE ADPT.  
 1/2" COPPER FEMALE ADPT.  
 1/2" COPPER UNION  
 1/2" COP X COP DROP EARED L  
 1/2" COP X FEMALE DROP EARED L  
 3/4" COP 90  
 3/4" COP X 1/8" FEMALE X 3/4" COPPER (BASEBOARD TEE)  
 3/4" COP STR 90  
 3/4" COP 45  
 3/4" COP ST 45  
 3/4" COP COUPLING  
 3/4" COP FEMALE ADPT.

**½" COP X ¾" FEMALE ADPT.**  
**½" COP X ¾" MALE ADPT.**  
**¾" COP UNIONS**  
**1" COP 90**  
**1" COP ST 90**  
**1" COP 45**  
**1" COP ST 45**  
**1" COP COUPLINGS**  
**1" COP MALE ADPT**  
**1" COP FEMALE**  
**1" COPPER TEE**  
**1" X ¾" COPPER TEE**  
**1" X ¾" X ¾" COPPER TEE**  
**1" X ¾" X 1" COPPER TEE**  
**¾ COP X 1" FEMALE ADPT**  
**1" COPPER 90**  
**1" COPPER ST 90**  
**1" COPPER 45**  
**1" COPPER ST 45**  
**1" X ¾" COUPLING**  
**1" X ¾" FITTING REDUCER**  
**¾" COP X 1" MALE ADPT.**  
**1" COP X 1 ¼" MALE ADPT.**  
**10 foot length ½" L HARD COP TUBE**  
**10 foot length ¾" L HARD COP TUBE**  
**10 foot length 1" L HARD COP TUBE FT**  
**1 LB SILVERBRITE SOLDER**  
**UTILITY FLUX 6 OX CONTAINER**  
**BOX ACID BRUSHES**  
**½ COPPER FITTING BRUSH**  
**¾" COPPER FITTING BRUSH**  
**1" COPPER FITTING BRUSH**  
**Joe Supply list 2024 –**

**Copper Tubing:**

5/16 in. (OD) x 50 ft. Copper Refrigeration Tubing  
1/4 in. (OD) x 50 ft. Copper Refrigeration Tubing  
3/8 in. (OD) x 50 ft. Copper Refrigeration Tubing  
1/2 in. (OD) x 50 ft. Copper Refrigeration Tubing  
5/8 in. (OD) x 50 ft. Copper Refrigeration Tubing  
7/8 in. (OD) x 50 ft. Copper Refrigeration Tubing  
1/4 in. (OD) x 10 ft. Copper ACR Tubing  
3/8 in. (OD) x 10 ft. Copper ACR Tubing  
1/2 in. (OD) x 10 ft. Copper ACR Tubing  
5/8 in. (OD) x 10 ft. Copper ACR Tubing  
7/8 in. (OD) x 10 ft. Copper ACR Tubing



1-1/8 in. (OD) x 10 ft. Copper ACR Tubing 1-3/8 in. (OD) x 10 ft. Copper ACR Tubing

#### Copper Fittings

5/16 in. (OD) 90° Long Radius Elbows C X C Copper

1/4 in. (OD) 90° Long Radius Elbows C x C Copper

3/8 in. (OD) 90° Long Radius Elbows C x C Copper

1/2 in. (OD) 90° Long Radius Elbows C x C Copper

5/8 in. (OD) 90° Long Radius Elbows C x C Copper

7/8 in. (OD) 90° Long Radius Elbows C x C Copper

1-1/8 in. (OD) 90° Long Radius Elbows C x C Copper 1-3/8 in. (OD) 90° Long Radius Elbows C x C

Copper 5/16 in. (OD) 90° Long Radius Street Elbows FTG x C

1/4 in. (OD) 90° Long Radius Street Elbows FTG x C

3/8 in. (OD) 90° Long Radius Street Elbows FTG x C

1/2 in. (OD) 90° Long Radius Street Elbows FTG x C

5/8 in. (OD) 90° Long Radius Street Elbows FTG x C

7/8 in. (OD) 90° Long Radius Street Elbows FTG x C

1-1/8 in. (OD) 90° Long Radius Street Elbows FTG x C

1-3/8 in. 90° Long Radius Street Elbows FTG x C

3/8 in. (OD) 45° Street Elbow C x FTG

1/2 in. (OD) 45° Street Elbow C x FTG

5/8 in. (OD) 45° Street Elbow C x FTG

7/8 in. (OD) 45° Street Elbow C x FTG

1-1/8 in. (OD) 45° Street Elbow C x FTG 1-3/8 in. (OD) 45° Street Elbow C x FTG

3/8 in. (OD) Tee C x C x C

1/2 in. (OD) Tee C x C x C

5/8 in. (OD) Tee C x C x C

7/8 in. (OD) Tee C x C x C

1-1/8 in. (OD) Tee C x C x C

1-3/8 in. (OD) Tee C x C x C

1/2" x 3/8" x 3/8" Reducing Tee C x C x C

1/2" x 1/2" x 3/8" Reducing Tee C x C x C

5/8" x 1/2" x 1/2" Reducing Tee C x C x C

5/8" x 5/8" x 3/8" Reducing Tee C x C x C

5/8" x 5/8" x 1/2" Reducing Tee C x C x C

7/8" x 7/8" x 1/2" Reducing Tee C x C x C

7/8" x 7/8" x 5/8" Reducing Tee C x C x C

1-1/8" x 7/8" x 1/2" Reducing Tee C x C x C

1-1/8" x 1-1/8" x 7/8" Reducing Tee C x C x C

1-3/8" x 1-3/8" x 7/8" Reducing Tee C x C x C

1-3/8" x 1-3/8" x 1-1/8" Reducing Tee C x C x C

Copper Coupling CxC

5/16 in. (OD) Copper CxC Coupling

1/4 in. (OD) Copper CxC Coupling

3/8 in. (OD) Copper CxC Coupling  
1/2 in. (OD) Copper CxC Coupling  
5/8 in. (OD) Copper CxC Coupling  
7/8 in. (OD) Copper CxC Coupling  
1-1/8 in. (OD) Copper CxC Coupling 1-3/8 in. (OD) Copper CxC Coupling

Reducing Couplings C x C

3/8 x 1/4 (OD) Copper CxC Coupling  
1/2 x 3/8 (OD) Copper CxC Coupling  
3/8" x 1/4" (OD) Reducing Copper CxC Coupling  
1/2" x 1/4" (OD) Reducing Copper CxC Coupling  
5/8" x 1/4" (OD) Reducing Copper CxC Coupling  
5/8" x 3/8" (OD) Reducing Copper CxC Coupling  
5/8" x 1/2" (OD) Reducing Copper CxC Coupling  
7/8" x 3/8" (OD) Reducing Copper CxC Coupling  
7/8" x 1/2" (OD) Reducing Copper CxC Coupling  
7/8" x 5/8" (OD) Reducing Copper CxC Coupling 1-1/8" x 1/2" (OD) Reducing Copper CxC Coupling  
1-1/8" x 5/8" (OD) Reducing Copper CxC Coupling  
1-1/8" x 7/8" (OD) Reducing Copper CxC Coupling  
1-3/8" x 5/8" (OD) Reducing Copper CxC Coupling  
1-3/8" x 7/8" (OD) Reducing Copper CxC Coupling  
(OD) Reducing Copper CxC Coupling  
(OD) Reducing Copper CxC Coupling  
(OD) Reducing Copper CxC Coupling  
(OD) Reducing Copper CxC Coupling (OD) Reducing Copper CxC Coupling

Copper Caps

5/16 in. (OD) Copper Cap  
1/4 in. (OD) Copper Cap  
3/8 in. (OD) Copper Cap  
1/2 in. (OD) Copper Cap  
5/8 in. (OD) Copper Cap  
7/8 in. (OD) Copper Cap  
1-1/8 in. (OD) Copper Cap  
1-3/8 in. (OD) Copper Cap

MUELLER STREAMLINE CO.

AP17860C 3/8 in. ODF Ball Valve  
AP17861C 1/2 in. ODF Ball Valve  
AP17862C 5/8 in. ODF Ball Valve  
AP17864 7/8 in. ODF Ball Valve  
AP17865 1-1/8 in. ODF Ball Valve  
A17866 1-3/8 in. ODF Ball Valve

MUELLER STREAMLINE CO. Tuffy Series Diaphragm Packless Valves

A14833 1/4" SAE  
A14835 3/8" SAE

A14836 1/2" SAE  
A14837 5/8" SAE  
A14838 1/4" ODF  
A14840 3/8" ODF  
A14841 1/2" ODF  
A14842 5/8" ODF  
A14848 1/4" ODF

JB Swivel Nut Fittings

A31851 1/4" Flare Swivel Nut on Run w/ Depressor  
A31852 1/4" Flare Swivel Nut on Branch w/ Depressor  
A31864 1/4" Flare Swivel Nut on Run w/o Depressor  
A31854 1/4" Flare Swivel Nut on Branch w/o Depressor  
A31734 1/4" Swivel Nut w/Depressor x 1/4" Flare

JB Quick Coupler Access Tee

JB A34000 1/4" QC x 1/4" Access Branch Tee

JB MPT Connections

A31482

A31484

A31492

JB Copper Fitting Access Valves

A31002

A31003

A31004

A31005

A31006

A31008

A31009 JB

A31011

A31012

A31724

JB Access Fitting Valve Cores and Caps

A31999

A31999-25

A31997

NFT5-4

NFT5-4-25

NFT5-6

NFT5-8

A31986

JB Access Valve Service Kit

AVK-001

JB Solder Tees

A31134

A31136

A31138  
A31140  
A31142  
A31144  
A31148  
JB Control Valve  
A33000  
JB Valve Core Removal Tool  
A32004  
A32525N  
A32530N  
JB Solenoid Valve Operating Magnet  
SM-18  
Moisture and Liquid Indicators -Sporlan See-All® Series

700000  
700026  
700052  
700078  
700091  
700117  
700130  
700169  
700195  
700221  
700247  
700260  
700273  
700299  
700338  
700364

700377 SA-13S SA-19S

SA-12S  
SA-14S  
SA-15S  
SA-17S  
SA-12FM  
SA-13FM  
SA-14FM

SPORLAN Catch-All Liquid Line Filter-Driers

C-032F  
C-083S  
C-084-S  
C-165  
C033S

C607S  
C-032  
C-052  
C-082  
C-084  
C-163  
C-164  
C-304  
C-305  
C-032S  
C-052S  
C-053  
C-053S  
C-082S  
C-083  
C-163S  
C-164S  
C-165S  
C-303S  
C-307S  
C-032FM  
C-417S  
C-032-CAPT  
Sporlan Catch-All HH Style Liquid Line Filter-Driers  
C-163-S-HH  
C-164-S-HH  
C-305-S-HH  
C304HH  
C305HH  
C-083-HH  
C163HH  
C164HH  
C-083-S-HH  
C-304-S-HH

SPORLAN MKC Solenoid Coils

MKC-1-120  
MKC-1-208/240  
MKC-1-24  
MKC-2-120  
MKC-2-24  
MKC-1-120/240  
MKC-2-120/240  
MKC-2-208/240

SPORLAN M-Series Normally Closed Solenoid Valves

ME6S130  
ME10S250-HP  
ME14S250-HP  
ME14S270-HP  
ME19S270-HP  
ME25S290-HP  
ME6S130-HP  
ME6S140-HP  
ME9S240-HP

Sporlan E-Series Normally Closed Solenoid Valves

E5S130 E3S130  
E3S120  
E2S120-HP  
E5S120-HP  
E5S130-HP  
E10S240-HP  
E10S250-HP  
E14S250-HP  
E19S270-HP  
E25S290-HP  
E6S130-HP  
E6S140-HP  
E04-849  
E9S230-HP  
E03-693  
E9S240-HP

Oil Acid Test Kit- Sporlan Test-All

Solenoid Operated Reversing Valves

Ranco V2-408060-170  
Ranco V2-408060-270  
Ranco V2-4100F0-370 Ranco V2-410060-470  
Ranco V6-412080-170  
Ranco V6-414080-170  
Ranco V10-414080-170  
Ranco V10-414120-170  
Ranco Reversing Valve Coil  
Ranco LDK-110000-070  
Ranco LDK-310000-070

Ranco LDK-410000-070

Thermostats

White-Rodgers 1C20-102  
White-Rodgers 1E30N-910  
White-Rodgers 1E56N-444 White-Rodgers 1F56N-444  
White-Rodgers 1F86-344  
White-Rodgers 1F75H-21PR White-Rodgers 1F75C-11PR  
White-Rodgers 1F75H-21NP  
White-Rodgers 1F75C-11NP White-Rodgers 1F75P-21NP  
White-Rodgers 1F75P-21PR

Honeywell YTH8321R1002  
Honeywell TH8110R1008  
Honeywell TH8320R1003/U  
Honeywell TH8321R1001/U  
Honeywell TH6320R100  
Honeywell TH5320R1002  
Honeywell YTH6320R1001  
Honeywell YTH5320R1000  
Honeywell TH9320WF5003 Honeywell TH8321WF1001  
Honeywell TH6110D1021  
Honeywell TH6220D1028  
Honeywell TH2110DV1008  
Honeywell TH2210DV1006 Honeywell TH2110DH1002  
Honeywell TH2210DH1000  
Honeywell TH5110D1022  
Honeywell TH5220D1029  
Honeywell TH3110D1008/U  
Honeywell TH3210D1004/U Honeywell H1110D2009/U  
Honeywell TH3110U2008/U  
Honeywell TH3210U2004/U  
Honeywell TH1110E1000/U  
Honeywell TH1110DV1009  
Honeywell TH1100DV1000  
Honeywell TH1100DH1004  
Honeywell TH1110DH1003  
Honeywell T87K1007  
Honeywell T87N1000  
Honeywell T87N102  
Honeywell T812A1002  
Honeywell T812A1010 Honeywell T812C1000  
Honeywell TS812A1007 Honeywell T822K1042  
Honeywell TB7220U1012 Honeywell TB6575A1000  
Honeywell B6575B1000

Honeywell TB8575A1000  
Honeywell T410A1013  
Honeywell 410B1004  
Honeywell 651A3018  
Honeywell T6052A1015  
Emerson 1F85U-42PR  
Emerson 1F85U-22PR  
Emerson F83H-21PR  
Emerson 1F83C-11PR  
Emerson 1F85U-42NP  
Emerson 1F85U-22NP  
Emerson 1F83H-21NP  
Emerson 1F83C-11NP  
PRO Thermostats  
PRO T701i  
PRO T721i  
PRO T855iSH  
PRO T705  
PRO T715  
PRO T725  
PRO T751  
PRO T755  
PRO T855  
PRO T855SH

#### Control Transformers

White-Rodgers 90-T40F3  
White-Rodgers 90-T60C3  
White-Rodgers 90-T75C3  
Packard TF12440A  
Packard TM12440A  
Packard TF4031OEMA  
Packard TF42440A  
Packard TF22440A  
Packard TF40224A  
Packard TM32440A  
Packard TF40350A  
Packard TF42450A  
Packard TM44450A  
Packard TM52460A  
Packard TF52475A  
Packard TM524100A  
Packard PF12416  
Packard PF42420



Packard PF42440  
Packard PF4031OEM  
Packard PM12440 Packard PM32440  
Packard PM43440  
Packard PM44450  
Packard PF52460  
Packard PF52475  
Packard PF524100  
Packard PF42450  
Packard PF4031VM

RIB relays

RIB2401B  
RIB2401SB  
RIB24P  
RIBX24BA  
RIB2421B  
RIB2421SB  
RIBU1C  
RIBU1S  
RIBU2C  
RIBL3C  
RIB2401D  
RIBXLCRA

Siemens General Purpose Plug-In Relays

Siemens 3TX7112-1LC1  
Siemens 3TX7112-1LF13  
Siemens 3TX7112-1LG13  
Siemens 3TX71145DC13C  
Siemens 3TX7114-5DF13C  
Siemens 3TX7114-5LH13 Siemens 3TX7144-1E6  
Siemens 3TX7131-4CC13  
Siemens 3TX7131-4CF13  
Siemens 3TX7131-4CH13

Resideo Switching Relay

R4222B1082  
R4222D1013  
R8222B1067  
R8222D1014  
R8222N1011  
R8222V1003  
R8228B1012  
R8228D1018  
ICM

ICM104B Delay On Make Timer  
ICM102B Delay On Make Timer  
ICM175B Pressure Switch Bypass Delay On Make Timer  
ICM103B Switch-Settable, Digital Delay On Make Timer  
ICM203FB Delay on Break Timer  
ICM206B Delay On Break Timer ICM203B Delay On Break Timer Packard Titan Max 1, 2, and 3 Pole  
Definite Purpose Contactors  
TMX125A2 TMX125B2  
TMX125C2  
TMX130A2 TMX130B2  
TMX130C2  
TMX140A2 TMX140B2  
TMX140C2  
TMX225A2 TMX225B2  
TMX225C2  
TMX230A2 TMX230B2  
TMX230C2  
TMX240A2  
TMX330A2 TMX330B2  
TMX330C2  
TMX340A2  
TMX340B2 TMX340C2  
TMX350A2 TMX350B2  
TMX350C2  
TMX360A2  
TMX360B2 TMX360C2  
TMX375A2  
TMX375B2 TMX375C2  
TMX390A2  
TMX390B2  
TMX390C2  
Auxiliary Switches for Titan Max Definite Purpose Contactors  
TMX1NC  
TMX1NC/1NO  
TMX1NO  
TMX2NC  
TMX2NO  
TMX2SPDT  
TMXSPDT1  
TMXSPDT2

TECUMSEH R404A Condensing Units  
AWA7512ZDXC  
AWA9514ZXNXM

TECUMSEH R134a High Temperature Condensing Units

AE3425Y-AA1ASS

AE4430Y-AA1ASC

AE4430Y-AA1ASS

AE4440Y-AA1ASC

AE4440Y-AA1ASS

AKA4457YAADC

TECUMSEH R134A Medium Temperature Condensing Unit

THB0410YXASC

TECUMSEH R134A Low Temperature Condensing Units

AE2410YAA1ASC

AE2410YAA1ASS

AE2413YAA1BSC

TECUMSEH Condensate Condensing Units

AKA9429ZXAEC

TECUMSEH Water Cooled Condensing Units

AE4440Y-AA1AXW

AKA4475YXAXW

TECUMSEH R134a Hermetic Compressors

AE3425Y-AA1A

AE3425Y-AA1A

AE3430Y-AA1A

AE4430Y-AA1A

AE4430Y-AA1A

AE4440Y-AA1A

AE3440Y-AA1A

AE4440Y-AA1A

AE4450Y-AA1A

COPELAND R134a High Temperature Condensing Units M7JH-0012-IAA-177

M7JH-0012-IAA-179

M7JH-0014-IAA-177

M7JH-0014-IAA-179

M7JH-0018-IAA-177

M7JH-0018-IAA-179

M7JH-H020-IAA-177

M7JH-H024-IAA-177

M7JH-H029-IAA-177

M7JH-H029-IAA-179

M7JH-H029-IAA-272

M7ZH-0031-IAA-177

M7ZH-0031-IAA-272

COPELAND R404A Medium Temperature Condensing Units

M6JM-0017-IAA-177

M6JM-0017-IAA-179

M6JM-H020-IAA-177  
M6JM-H023-IAA-177  
M6JM-H028-IAA-177  
M6ZM-0025-IAA-177  
M6ZM-H026-CAA-177  
M6ZM-H026-CAA-272  
M6JM-H028-IAV-177  
M6ZM-0025-IAV-177  
M6ZM-0025-IAV-179  
M6JM-H035-IAA-177  
M6JM-H035-IAA-272  
M6ZM-0032-IAA-177  
M6ZM-0032-IAA-272  
M6ZM-0038-IAA-177  
M6ZM-0038-IAA-272  
M6JM-H035-IAV-177  
M6ZM-0038-IAV-177  
COPELAND R404A Low Temperature Condensing Units  
M6JL-0021-IAA-177  
M6JL-H023-IAA-177  
M6JL-H030-IAA-177 M6JL-H030-IAA-179  
M6ZL-0031-IAA-177  
M6ZL-0042-IAA-272  
M6ZL-0042-IAV-177  
M6JL-H048-CAA-272  
M6JL-H048-IAA-177  
M6JL-H048-IAA-272  
M6JL-H052-IAA-177  
M6JL-H052-IAA-272 M6ZL-0055-IAA-177  
M6JL-H048-IAV-177  
M6JL-H048-IAV-179  
M6JL-H052-IAV-177  
M6ZL-0055-IAV-177  
Mechanical temperature control  
Ranco O10-1408  
Ranco O10-1409  
Ranco O10-1410

Electronic Temperature Controls  
Ranco ETC112000  
Ranco ETC111000  
Ranco ETC211000  
Ranco ETC212000  
Ranco ERC2-212111-370

Ranco ERC2-222111-370  
Ranco MT-512EL  
Ranco MT-512E  
Ranco MT-512E-LOG  
Ranco MT-530E-SUPER  
Ranco TC-900E-2HP  
Johnson Controls A421ABC-02C  
Johnson Controls A421AEC-01C  
Johnson Controls A421AEC-02C Johnson Controls A421GBF-02C  
Johnson Controls A421GEF-01C  
Johnson Controls A421ABD-02C  
Johnson Controls A421AED-02C

#### Low Pressure Controls

Johnson Controls P70AB-2C SPST  
Johnson Controls P70AB-12C SPST  
Johnson Controls P70AA-2C Johnson Controls P170AB-12C  
Johnson Controls P29NC-2C  
Johnson Controls P29NC-3C  
Ranco O10-1401  
Ranco O10-1402  
Ranco O10-1483  
Ranco O16-624  
Ranco O16-107  
Ranco O16-52

#### High Pressure/Condenser Fan Cycling Controls

Ranco O16-142  
Ranco O16-108  
Ranco O10-2054  
Ranco O20-7006  
Ranco O16-200  
Johnson Controls P70CA-3C  
Johnson Controls P70AA-118C  
Johnson Controls P72AA-27C  
Johnson Controls P170AA-118C  
Johnson Controls P70AA-400C  
Johnson Controls P70CA-400C  
Johnson Controls P170CA-400C Johnson Controls P70DA-400C  
Johnson Controls P170DA-400C

#### Dual Pressure Controls

Ranco O12-1506  
Ranco O12-1549  
Ranco O12-4833  
Ranco O12-4834

Ranco O12-1502

Johnson Controls P70LB-1C

Johnson Controls P70MA-1C

Johnson Controls P70NA-1C

Johnson Controls P70LB-6C

Johnson Controls P70SA-1C

Johnson Controls P170LB-1C Johnson Controls P170SA-1C

Johnson Controls P170LB-6C

Johnson Controls P170MA-1C

Refrigerant Hose

Ranco 1290132-A24

Ranco 1290132-A36

Johnson Controls SEC99AB-18C

Johnson Controls SEC99AB-24C

Johnson Controls SEC99AB-36C

Johnson Controls SEC99AB-48C

Johnson Controls SEC99AB-60C

#### Pressure Controls

Johnson Controls P100AP-351C

Johnson Controls P100AP-352C

Johnson Controls P100AP-359C

Johnson Controls P100AP-3C Johnson Controls P100AP-362C

Johnson Controls P100DA-35C

Johnson Controls P100DC-3C

Johnson Controls P100DA-1C

Johnson Controls P100DA-100C

Johnson Controls P100DA-101C

Johnson Controls P100DA-2C

Johnson Controls P100DA-86C

Johnson Controls P100CP-157C

Johnson Controls P100CP-158C

Johnson Controls P100CP-159C

Johnson Controls P100CC-9C

Johnson Controls P100CP-91C

Johnson Controls P100CP-91C

Johnson Controls P100CP-166C

Johnson Controls P100CP-140C

Johnson Controls P100CP-160C

Johnson Controls P100EE-79C

Johnson Controls P100CP-161C

Johnson Controls P100CP-162C

Johnson Controls P100CP-1C

Johnson Controls P100EE-78C

Johnson Controls P100CP-156C

Johnson Controls P100CP-163C  
Johnson Controls P100CP-2C  
Johnson Controls P100CP-164C Johnson Controls P100AC-1C  
Johnson Controls P100AP-355C  
Johnson Controls P100AP-15C  
Johnson Controls P100AP-201C  
Johnson Controls P100AC-2C  
Johnson Controls P100AP-356C  
Johnson Controls P100AP-12C  
Johnson Controls P100AP-9C  
Johnson Controls P100AP-105C