

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 08-1528	Issue Date:	CBL: 238A A00500B
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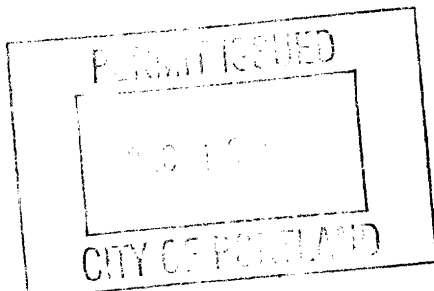
Location of Construction: 2273 CONGRESS ST	Owner Name: REW REALTY LLC	Owner Address: PO BOX 3889	Phone:
Business Name:	Contractor Name: Johnson & Jordan	Contractor Address: 18 Mussey Road Scarborough	Phone 2078838345
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: IM

Past Use: commercial	Proposed Use: Commercial - install (2) Blower coil Air Handlers (2) split system	Permit Fee: \$250.00	Cost of Work: \$22,600.00	CEO District: 3
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: B Type: HVAC IMC 2003	

Proposed Project Description: install (2) Blower coil Air Handlers (2) split system	Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i> 12/16/08
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied		
Signature: _____ Date: _____		

Permit Taken By: Idobson	Date Applied For: 12/08/2008	Zoning Approval
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<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p>OK Date: 12/8/08 ABM</p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date: _____</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>ABM Date: _____</p>
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CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT ADDRESS DATE PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE DATE PHONE

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Permit No: 08-1528	Date Applied For: 12/08/2008	CBL: 238A A00500B
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Location of Construction: -- CONGRESS ST	Owner Name: REW REALTY LLC	Owner Address: PO BOX 3889	Phone:
Business Name:	Contractor Name: Johnson & Jordan	Contractor Address: 18 Mussey Road Scarborough	Phone (207) 883-8345
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Commercial - install (2) Blower coil Air Handlers (2) split system	Proposed Project Description: install (2) Blower coil Air Handlers (2) split system
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Dept: Zoning	Status: Approved	Reviewer: Ann Machado	Approval Date: 12/08/2008	Ok to Issue: <input checked="" type="checkbox"/>
Note:				
Dept: Building	Status: Approved with Conditions	Reviewer: Jeanine Bourke	Approval Date: 12/16/2008	Ok to Issue: <input checked="" type="checkbox"/>
Note:				
1) Equipment must be installed in compliance with the manufacturer's specifications				
2) Installation shall comply with 2003 International Mechanical Code.				
Dept: Fire	Status: Approved with Conditions	Reviewer: Capt Greg Cass	Approval Date: 12/09/2008	Ok to Issue: <input checked="" type="checkbox"/>
Note:				
1) Install shall comply with all manufacture's specifications.				

Comments:
12/8/2008-ldobson: Moved to zoning but I have asked for an engineers report. Spoke Directly to Mike Johnson
12/9/2008-ldobson: received report connected report w/ app

JOHNSON & JORDAN

MECHANICAL CONTRACTORS

December 8, 2008

Attn: Lannie Dobson
City of Portland Maine
Department of Building Inspections

RE: 2273 CONGRESS STREET

#08213-04

Dear

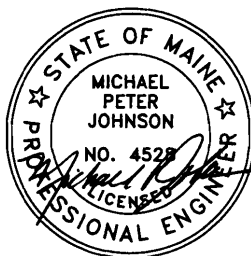
Johnson & Jordan, Inc. has reviewed the proposed location for the new air handlers and finds the existing structure will support the new air handlers.

Please contact me should you have any questions.

Respectfully submitted,

JOHNSON & JORDAN, INC.

Michael P. Johnson, P.E., LEED AP
President

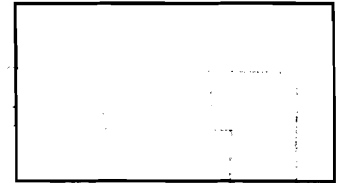


MPJ/ jj



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 2273A CONGRESS ST. 238AAS Use of Building OFFICE Date _____
Name and address of owner of appliance _____

Installer's name and address JOHNSON AND JORDAN MECHANICAL
18 MUSSEY RD SCARBOROUGH, ME Telephone 207 883-8845

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: (2) BLOWER COIL AIR HANDLERS
(2) SPLIT SYSTEM

U.L. Approved Yes No

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____

The Type of License of Installer:

- Master Plumber # _____
- Solid Fuel # _____
- Oil # _____
- Gas # _____
- Other _____

Type of Chimney:

- Masonry Lined
Factory built _____
- Metal
Factory Built U.L. Listing # _____
- Direct Vent
Type _____ UL# _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 22,600.00

Permit Fee: \$ _____

Approved

Approved with Conditions

Fire: _____
Ele.: _____
Bldg.: [Signature]

See attached letter or requirement

Signature of Installer [Signature]

Inspector's Signature _____ Date Approved _____



Submittal

Trane U.S. Inc.

Prepared For:
All Bidders

Date: November 03, 2008

Customer P.O. Number:
Customer Project Number:

Sold To:

Job Number:
Job Name:
J&J - Frank - 5 ton SS

Trane is pleased to provide the enclosed submittal for your review and approval.

Product Summary

Qty	Product
2	Split System Air Conditioning Units (Small)
2	BCXC Blower Coil Air Handler

The attached information describes the equipment we propose to furnish for this project, and is submitted for your approval.

Dan Broderick
Trane
30 Thomas Drive
Westbrook, ME 04092-3824
Phone: (207) 828-1777
Fax: (207) 828-1511

Table Of Contents

Product Summary 1

Split System Air Conditioning Units (Small) (Item A1)

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 Product Data..... 3

 Mechanical Specifications 4

 Unit Dimensions..... 5

BCXC Blower Coil Air Handler (Item B1)

 Tag Data 7

 Product Data..... 7

 Mechanical Specifications 8

 Unit Dimensions..... 10

 Accessory 12

 Field Wiring..... 13

Field Installed Options - Part/Order Number Summary

 Split System Air Conditioning Units (Small) 14

Tag Data - Split System Air Conditioning Units (Small) (Qty: 2)

Item	Tag(s)	Qty	Description	Model Number
A1	No Tag	2	5 Ton Unitary Split Systems	2TTB3060A1000----0-----000-0----00000--0

Product Data - Split System Air Conditioning Units (Small)**Item: A1 Qty: 2**

Split System Cooling Outdoor Unit
5 Ton Nominal Cooling Capacity
200 - 230 Volt 1 Phase 60 Hertz
Evaporator defrost control (FId)
Crankcase heater kit (FId)

Mechanical Specifications - Split System Air Conditioning Units (Small)**Item: A1 Qty: 2****General - Split System Cooling**

This unit is fully charged from the factory for matched indoor section and up to 15 feet [4.57m] of piping. Unit is designed to operate at outdoor ambient temperatures as high as 115 deg F [46.1 C]. Cooling capacities matched with a wide selection of air handlers and furnace coils that are A.R.I certified. The unit shall be UL listed. Exterior must be designed for outdoor application.

Split System Cooling Unit Casing

Unit casing is constructed of heavy gauge, galvanized steel and painted with a weather-resistant powder paint. Corrosion and weatherproof CMBP-G30 Duratuff base.

Split System Cooling Compressor

The Climatuff compressor features internal over temperature and pressure protector, total dipped hermetic motor, and thermostatically controlled sump heater. Other features include: roto-lock suction and discharge refrigeration connections, centrifugal oil pump, and low vibration and noise.

Split System Cooling Condenser Coil

The Spine Fin coil is continuously wrapped, corrosion resistant, all aluminum with minimum brazed joints. The coil is 3/8" [8mm] O.D. seamless aluminum glued to a continuous aluminum fin. Coils are lab tested to withstand 2,000 pounds of pressure per square inch. The outdoor coil provides low airflow resistance and efficient heat transfer.

Split system cooling refrigerant controls

Refrigeration system controls include condenser fan and compressor contactor. High and low pressure protection is inherent to the compressor. Another standard feature is the factory installed liquid line drier.

Cooling low ambient

As Manufactured, this unit has a cooling capability to 55 deg. F [12.7 deg. C]. The addition of an evaporator defrost control permits operation to 40 deg. F [4.4 deg. C]. Low ambient cooling to 30 deg. [-1.1 deg. C] with EDC and TXV. Low Ambient cooling to 0 deg F [-17.7 deg. C] with Non-bleed TXV and Low Ambient Kit. Other accessories for low ambient operation include Quick Start components and Compressor Crankcase Heat if not factory supplied. It is recommended a liquid line solenoid valve be installed in the refrigeration system.



TRANE

Submittal

Trane U.S. Inc.

Prepared For:
All Bidders

Date: November 03, 2008

Customer P.O. Number:
Customer Project Number:

Sold To:

Job Number:
Job Name:
J&J - Frank - 5 ton SS

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 Unit Dimensions 5

BCXC Blower Coil Air Handler (Item B1)

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 Accessory 12

 Field Wiring 13

Field Installed Options - Part/Order Number Summary

 Split System Air Conditioning Units (Small) 14

Tag Data - Split System Air Conditioning Units (Small) (Qty: 2)

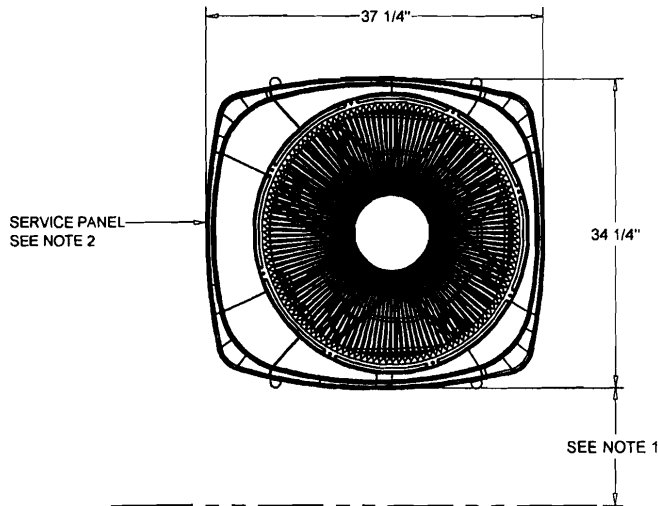
Item	Tag(s)	Qty	Description	Model Number
A1	No Tag	2	5 Ton Unitary Split Systems	2TTB3060A1000---0-----000-0---00000--0

Product Data - Split System Air Conditioning Units (Small)

Item: A1 Qty: 2

- Split System Cooling Outdoor Unit
- 5 Ton Nominal Cooling Capacity
- 200 - 230 Volt 1 Phase 60 Hertz
- Evaporator defrost control (Fld)
- Crankcase heater kit (Fld)

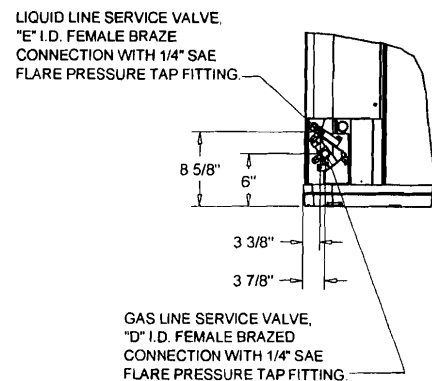
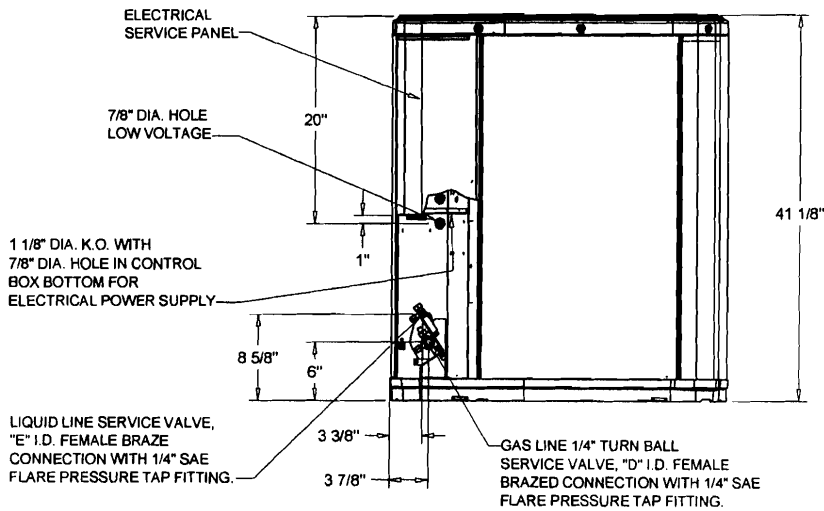
Unit Dimensions - Split System Air Conditioning Units (Small)
Item: A1 Qty: 2



UNIT DIMENSTIONS	
DIM - D	1 1/8"
DIM - E	3/8"

NOTES

1. TOP DISCHARGE AREA SHOULD BE UNRESTRICTED FOR AT LEAST 60" ABOVE UNIT. UNIT SHOULD BE PLACED SO ROOF RUN-OFF WATER DOES NOT POUR DIRECTLY ON UNIT, AND SHOULD BE AT LEAST 12" FROM WALL AND ALL SURROUNDING SHRUBBERY ON TWO SIDES. OTHER TWO SIDES UNRESTRICTED.
2. ELECTRICAL AND REFRIGERANT COMPONENT CLEARANCES PER PREVAILING CODES.



Unit Dimensions - Split System Air Conditioning Units (Small)

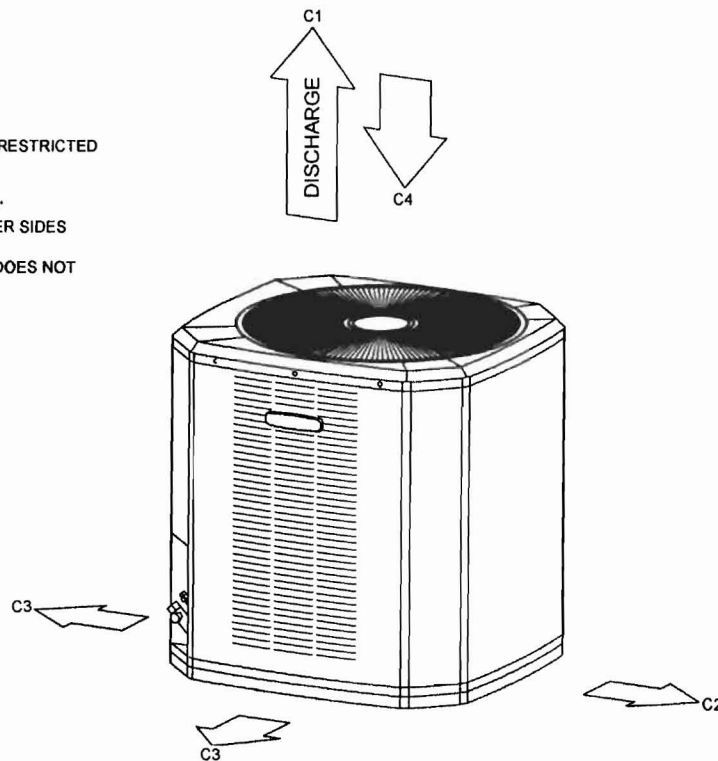
Item: A1 Qty: 2

ELECTRICAL / GENERAL DATA

<p>GENERAL</p> <p>Model: 2TTB3060A Operating Voltage: 208 Unit Primary Voltage: 230 Unit Secondary Voltage: 60 Unit Hertz: 1 Unit Phase: 1</p>	<p>POWER CONN.</p> <p>Minimum Circuit Ampacity: 33.0 Maximum Circuit Breaker: 50.0 Minimum Protection Rating: 50.0</p>	<p>COMPRESSOR</p> <p>Number: 1 Phase: 1 Rated Load Amps: 25.0 Locked Rotor Amps: 148.0</p>
<p>OUTDOOR MOTOR</p> <p>Number: 1 Horsepower: 0.25 Motor Speed (RPM): 825 Phase: 1 Full Load Amps: 1.3 Locked Rotor Amps: -</p>	<p>NOTES:</p> <p>1. Certified in accordance with the Unitary Air-Conditioner equipment certification program which is based on ARI Standard 210/240. 2. Calculated in accordance with N.E.C. Use only HACR circuit breakers or fuses. 3. Standard line lengths - 60'. Standard lift - 60' Suction and Liquid line. For Greater lengths and lifts refer to refrigerant piping software Pub# 32-3312-0U+2020. (U+2020denotes latest revision) 4. * = 15, 20, 25, 30, 40 and 50 foot lineset available.</p>	
<p>REFRIGERANT</p> <p>Type: R-22 Charge: 8.1 lb Line Size O.D. Gas: 1 1/8" Line Size O.D. LIQ: 3/8"</p>		

WEIGHT	
NET	267.0 lb
SHIPPING	303.0 lb

- NOTES:**
- C1. TOP DISCHARGE SHOULD BE UNRESTRICTED FOR AT LEAST 60" ABOVE UNIT
 - C2. PLACE UNIT FROM WALL
 - C3. PLACE SHRUBBERY AT LEAST 12" FROM UNIT ON TWO SIDES, OTHER SIDES UNRESTRICTED
 - C4. PLACE UNIT SO ROOF RUN-OFF DOES NOT FALL DIRECTLY ON UNIT



WEIGHT AND CLEARANCE

Tag Data - BCXC Blower Coil Air Handler (Qty: 2)

Item	Tag(s)	Qty	Description	Model Number
B1	No Tag	2	BCXC Blower Coil Air Handler	BCHC072E2**A1A26N000000B010000000000000

Product Data - BCXC Blower Coil Air Handler

Item: B1 Qty: 2

HORIZONTAL CONFIGURATION

Horizontal Configuration

Unit Size 72; 6 Ton

208/60/3

Foil Faced Insulation 1"

Motor, drive & control box on Same Side as Coil & Drainpan Connection

Polymer Drainpan - Right Hand Coil & Drainpan Connections

1 Row Heating Hydronic Coil

4 Row DX, 3/16" (0.032 wall) Distributor

2 Horsepower

878-1136 rpm 60 hz (727-941 rpm 50 hz)

2" Pleated Throwaway Filter

Control Interface

Mechanical Specifications - BCXC Blower Coil Air Handler

Item: B1 Qty: 2

BCHC General

The product line consists of a horizontal air handling unit and mixing box. Units are tested in accordance with ARI 430-1999 and ARI 260-2001. The unit is UL 1995 listed in U. S. and Canada and complies with NFPA 90A.

Air handlers consist of a hydronic and/or DX coil, drain pan, and centrifugal fan with motor and drive mounted in a common cabinet. Drive location and coil connections are independent for the same or opposite side location.

Air handlers are provided with knockouts in all four corners for installing the unit suspended from the ceiling with threaded rods.

Unit and accessories are insulated with one-inch, 1½ lbs./cu. ft. density fiberglass insulation. One-inch foil faced insulation is also available.

Large motor access panels are provided on both sides of the unit and accessories.

Casing

Casings (structural components) are constructed of 18-gauge galvanized steel, insulated with one-inch, 1 ½ lb density fiberglass fire resistant and odorless glass fiber material to provide thermal and acoustical insulation. Fan housing sides are directly attached to the air handler top and bottom panels strengthening the entire unit assembly. Coil access panels are located on both sides of the air handler and allow easy removal of the internal coils and drain pan. Main access panels provide generous access to the fan, motor and drive from both sides of the air handler.

Foil Faced Insulation

The interior surface of the unit is acoustically and thermally lined with 1 inch [26 mm] 2.0 lb./cu. ft. [32 kgs./cu. m.], R-Value of 4.3 density glass fiber with a foil facing. The insulation is UL listed and meets NFPA-90A, UL 181, and bacteriological C665 standards.

Coil # 1 Hydronic Heating Coils

Heating coils are one, two, four, or six-row hot water. All water coils are 12 fins per inch. All water coils use highly efficient Trane Delta Flo?, Type H aluminum fins, mechanically bonded to seamless copper tubes. All coils are specifically designed and circuited for water use. All coils are factory tested with 450 psi air under water. Maximum standard operating conditions are: 300 psig, 200°F. Sweat type connections are standard.

Steam Coils (Type NS)

A one-row steam distributing coil section is available in the pre-heat position. Steam coils are non-freezing and are pitched to ensure adequate condensate drainage. Coils have 1"ODx0.031"W round seamless copper condensing tubes expanded into full fin collars for permanent fin-tube bond. Coil headers are cast iron for permanent leaktight joints. Coils have continuous Sigma-Flo? aluminum fins with full fin collars for maximum fin-tube contact and accurate spacing at 6 fpi. Supply, return, and vacuum breaker connections are located at the same end of the unit and clearly labeled to ensure coils are piped correctly. Distributor tubes are 11/16" OD copper. Coils are proof tested at 300 psig and leak tested at 200 psig air-under-water. Maximum standard operating conditions are 15 psig at 400°F. Coils are designed and tested per ARI 410-1991.

Fan

The fans are forward curved, centrifugal blower type equipped with heavy-duty adjustable speed V-belt drives. The fan shaft is supported by heavy-duty, permanently sealed ball bearings. All fans are dynamically balanced. All air handlers have a single fan.

2" [52 mm] Pleated Throw-Away Filter

A 2 inch [52 mm] pleated standard efficiency (30%) throw-away filter(s).

60 Hertz Motor

A 60 Hertz, 1750 RPM motor has a plus or minus 10% voltage utilization range. The motor is open drip-proof with permanently sealed ball bearings, internal overload protection, and minimum 1.15 service factor and size 56 resilient base frames. The motor is factory installed and wired to the air handler junction box.

Polymer Drain Pan

The drain pan is noncorrosive and double-sloped to allow condensate drainage. The drainpan construction is polymer. Coils mount above the drain pan, not in the drain pan - thus allowing the drain pan to be fully inspected and cleaned. The drain pan can also be removed for cleaning. The drain pan connections are unthreaded ¾" schedule 40 PVC for solvent bonding. The main drain connection is at the lowest point of the drain pan. An auxiliary drain connection is

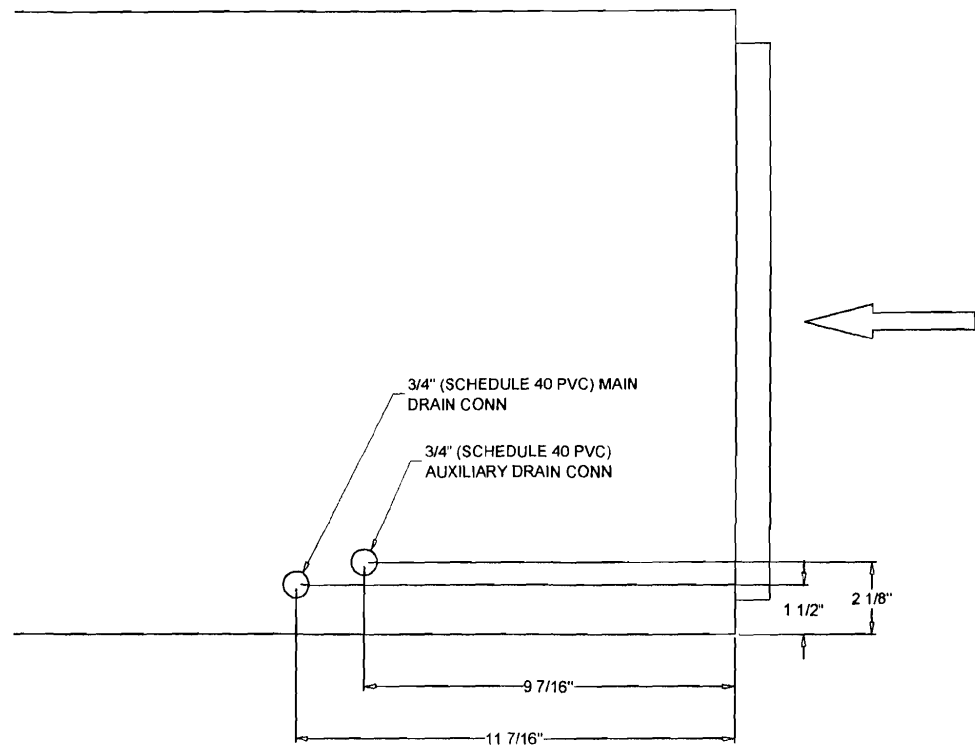
provided on the same side as the main connection.

Thermostat Control Interface

The thermostat control interface is intended to be used with a field supplied low voltage thermostat or controller. The control box contains a line voltage to 24 volt transformer; a one, two, or three-pole fan contactor; and a disconnect switch. The wires from the fan contactor and the low voltage side of the transformer are pulled and terminated on the inside of the two-sided terminal strip. The end devices are mounted and the wires are pulled and terminated on the inside of the two-sided terminal strip. All customer connections other than power are on the outside of the two-sided terminal strips.

Unit Dimensions - BCXC Blower Coil Air Handler

Item: B1 Qty: 2

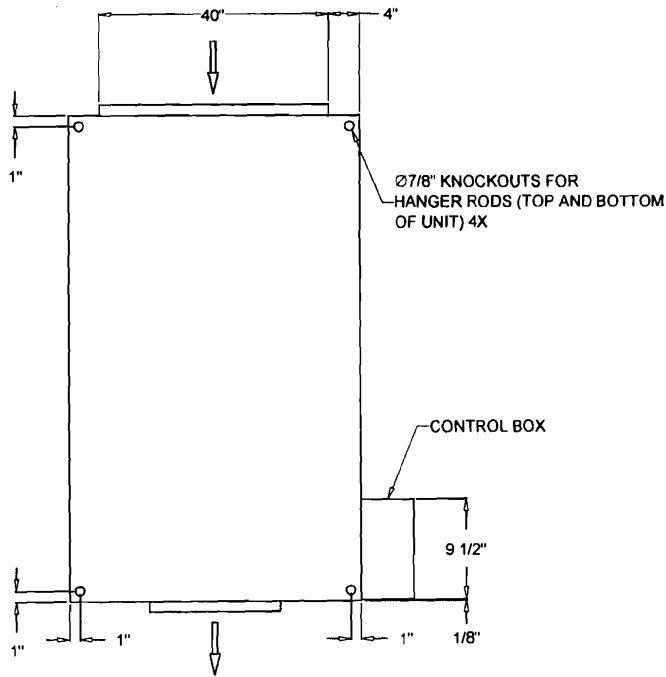


RIGHT VIEW

NOTES:

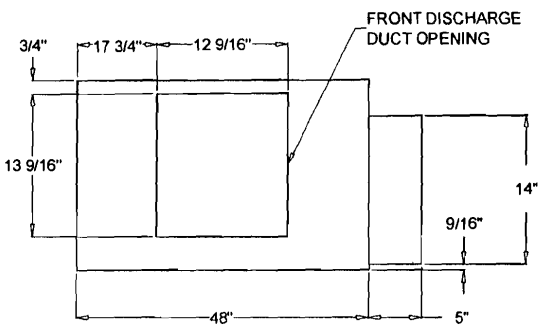
1. ALL DIMENSIONS ARE SHOWN FROM THE BOTTOM REAR CORNER OF UNIT.
2. STUBOUTS PROTRUDE 2 1/8" FROM EXTERIOR CASING OF UNIT.
3. ARROW INDICATES THE DIRECTION OF AIRFLOW.
4. DRAIN CONNECTIONS ARE UNTHREADED.

Unit Dimensions - BCXC Blower Coil Air Handler
Item: B1 Qty: 2

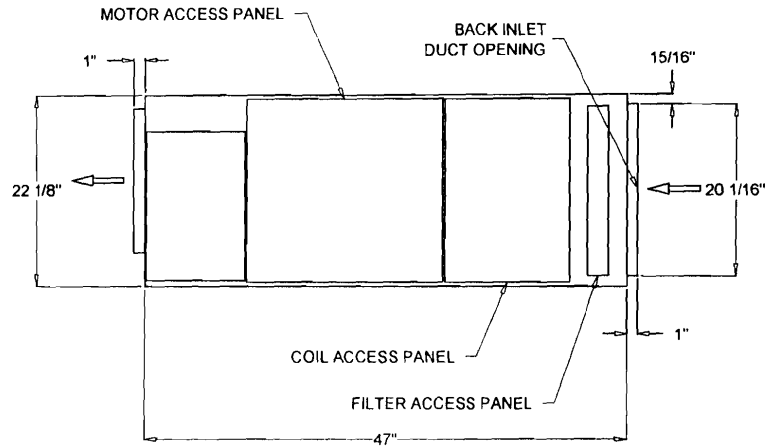


TOP VIEW

WEIGHT	
BASIC UNIT	152.2 lb



FRONT VIEW



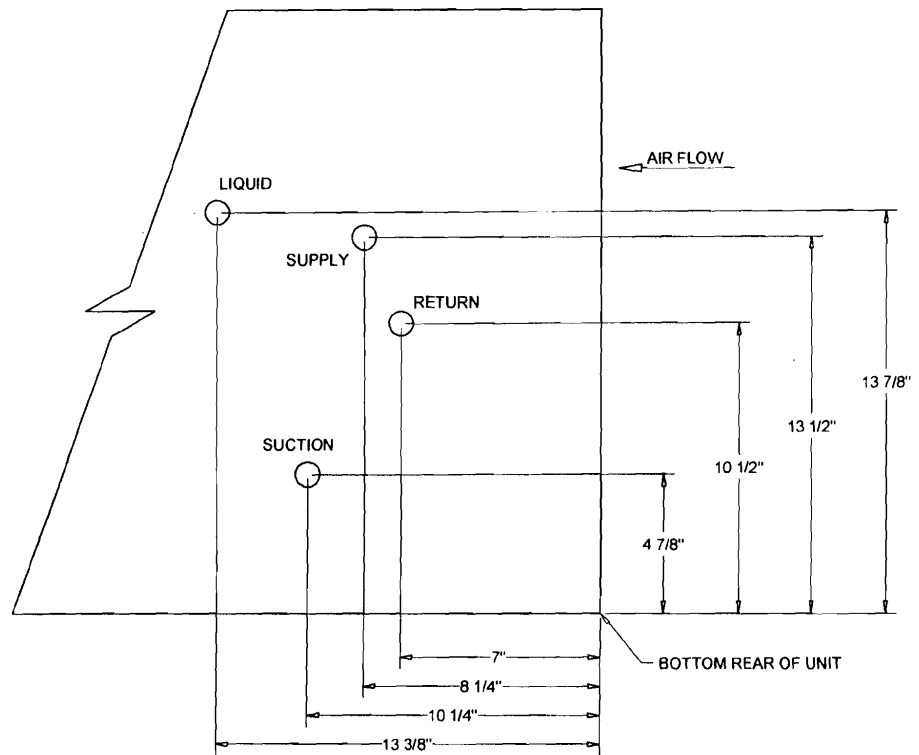
RIGHT VIEW

NOTES:

1. ACCESS PANELS ARE LOCATED ON BOTH SIDES OF THE UNIT TO PROVIDE ACCESS TO THE UNIT'S INTERNAL COMPONENTS.
2. WEIGHT OF BASIC UNIT DOES NOT INCLUDE COIL, ELECTRIC HEATER, MOTOR OR BOTTOM ACCESS FILTER SECTION. ADD 9.0 lb TO BASIC UNIT WEIGHT FOR CONTROL BOX. REFER TO CATALOG FOR COIL, ELECTRIC HEATER, MOTOR AND BOTTOM ACCESS FILTER SECTION WEIGHTS.
3. CONTROL BOX IS FACTORY MOUNTED ON DRIVE SIDE AND PROVIDED WITH 7/8" DIAMETER KNOCKOUTS FOR FIELD WIRING.
4. ARROWS INDICATE THE DIRECTION OF AIRFLOW.

Accessory - BCXC Blower Coil Air Handler
Item: B1 Qty: 2

RETURN	1 1/8"
SUPPLY	1 1/8"
SUCTION	1 1/8"
LIQUID	7/8"



NOTES:

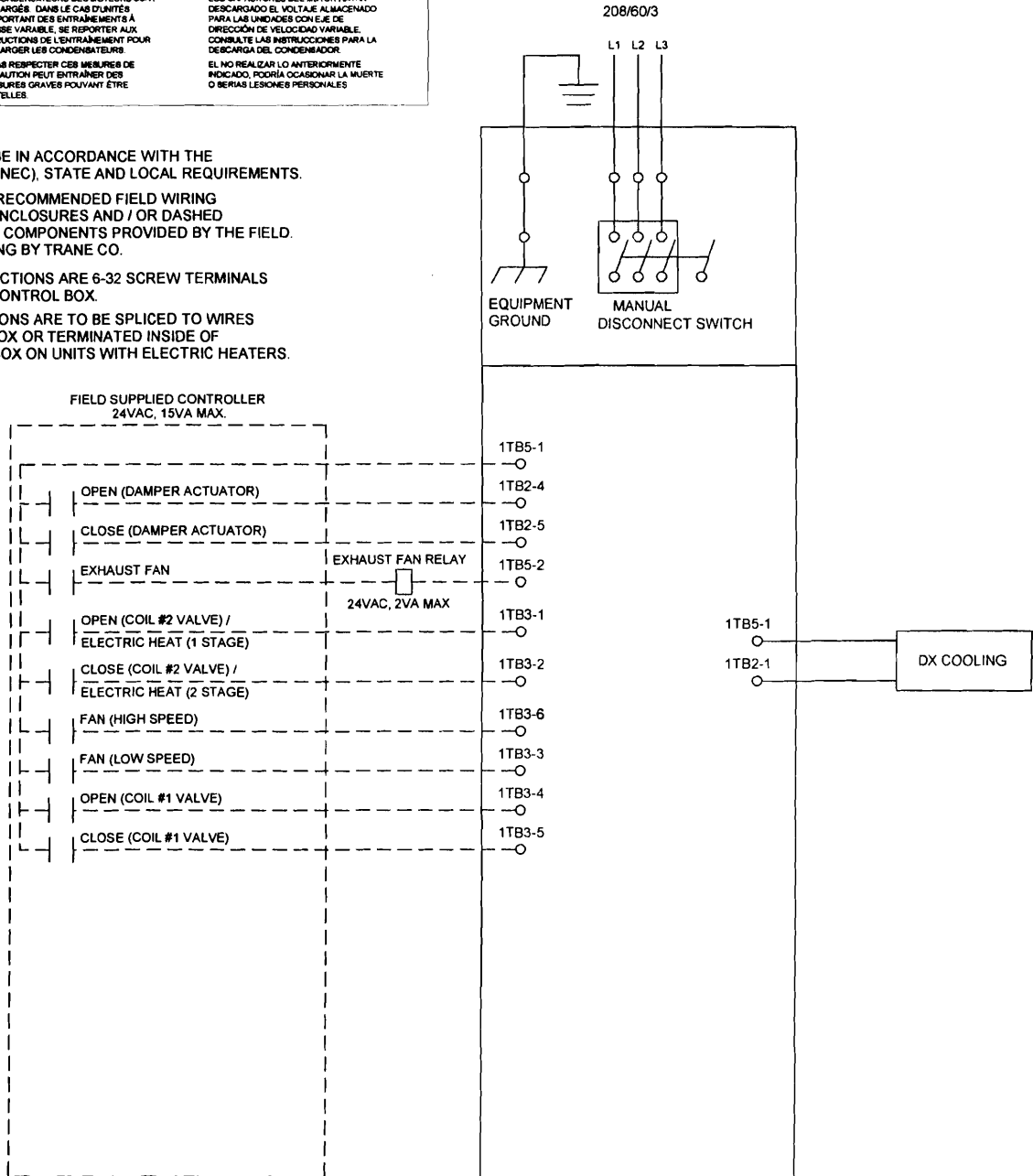
1. PICTORIAL HEADER STUBOUT LOCATIONS RELATIVE TO EACH OTHER MAY NOT BE ACCURATE.
2. LOCATING DIMENSIONS HAVE A PLUS / MINUS 2" TOLERANCE.
3. FOR UNITS WITH A FILTER ACCESS MODULE, ADD 7 3/16" TO HORIZONTAL DIMENSIONS SHOWN.
4. PIPING CONNECTIONS ARE SPECIFIED AS OUTSIDE DIAMETER (O.D.).
5. THERMAL EXPANSION VALVE IS TO BE FIELD SUPPLIED FOR DX COOLING.

Field Wiring - BCXC Blower Coil Air Handler
Item: B1 Qty: 2

<p>⚠ WARNING HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE, REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE. FAILURE TO DO THE ABOVE BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY.</p>	<p>⚠ AVERTISSEMENT TENSION DANGEREUSE! COUPER TOUTES LES TENSIONS ET OUVRIRE LES SECTIONNEURS A DISTANCE. PUIS SUIVRE LES PROCEDURES DE VERROUILLAGE ET DES ETIQUETTES AVANT TOUTE INTERVENTION. VERIFIER QUE TOUTS LES CONDENSATEURS DES MOTEURS SONT DECHARGES. DANS LE CAS D'UNITES COMPORTANT DES ENTRAÎNEMENTS A VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DECHARGER LES CONDENSATEURS. NE PAS RESPECTER CES MESURES DE PRECAUTION PEUT ENTRAINER DES BLESSURES GRAVES POUVANT ETRE MORTELLES.</p>	<p>⚠ ADVERTENCIA ¡VOLTAJE PELIGROSO! DESCONECTE TODA LA ENERGÍA ELÉCTRICA INCLUIDO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGURESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO PARA LAS UNIDADES CON VELOCIDAD VARIABLE. CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR. EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRÍA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.</p>
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NOTES:

1. ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), STATE AND LOCAL REQUIREMENTS.
2. DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND / OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. SOLID LINES INDICATE WIRING BY TRANE CO.
3. CONTROL WIRING CONNECTIONS ARE 6-32 SCREW TERMINALS LOCATED ON OUTSIDE OF CONTROL BOX.
4. LINE VOLTAGE CONNECTIONS ARE TO BE SPLICED TO WIRES INSIDE OF UNIT CONTROL BOX OR TERMINATED INSIDE OF ELECTRIC HEAT CONTROL BOX ON UNITS WITH ELECTRIC HEATERS.



<p>CAUTION USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.</p>	<p>PRECAUCIÓN N'UTILISER QUE DES CONDUCTEURS EN CUIVRE! LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS. L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'ÉQUIPEMENT.</p>	<p>ATTENTION ¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE! LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES. SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO</p>
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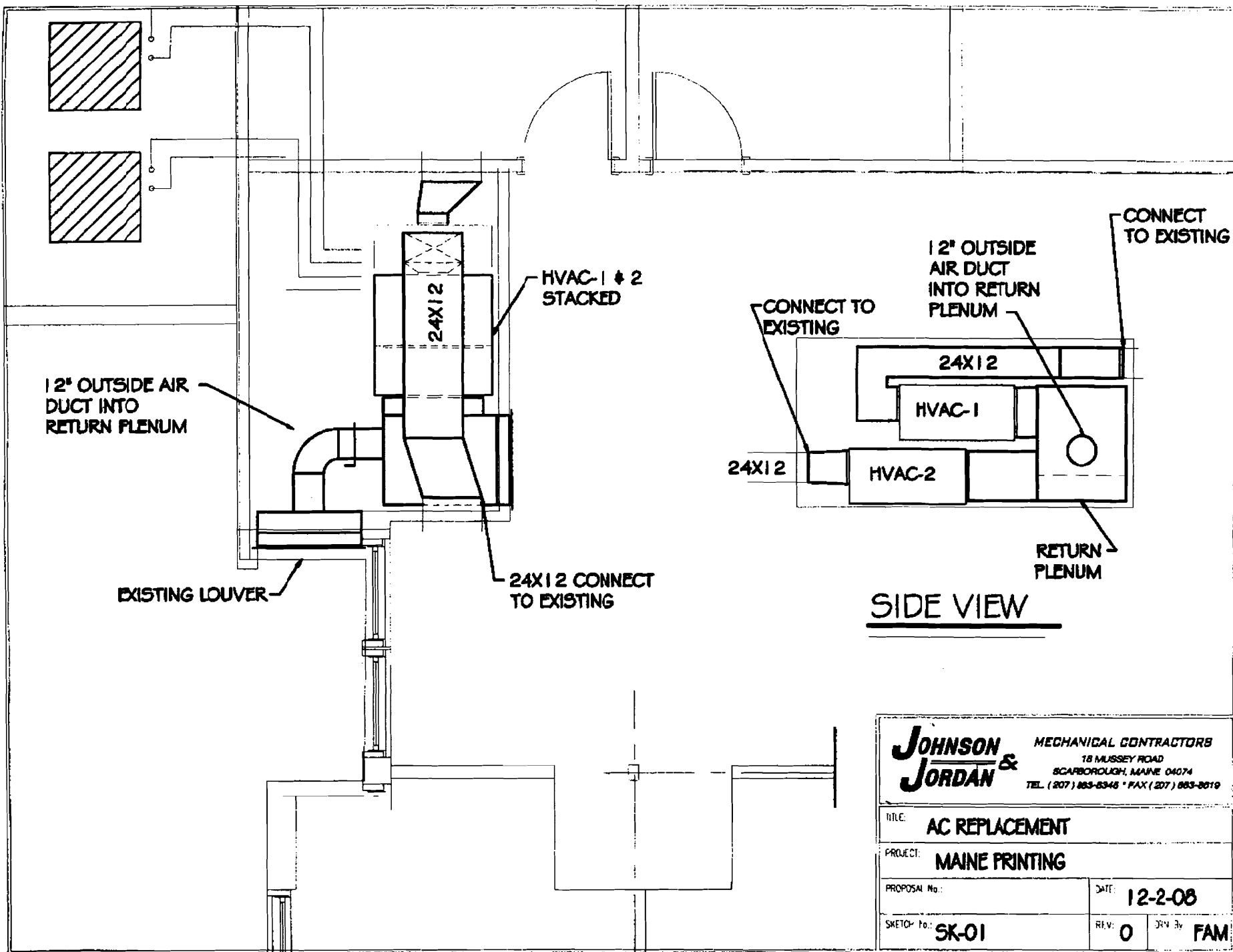
Field Installed Options - Part/Order Number Summary

This is a report to help you locate field installed options that arrive at the jobsite. This report provides part or order numbers for each field installed option, and references it to a specific product tag. It is NOT intended as a bill of material for the job.

Product Family - Split System Air Conditioning Units (Small)

Item	Tag(s)	Qty	Description	Model Number
A1	No Tag	2	5 Ton Unitary Split Systems	2TTB3060A1000----0-----000-0----00000--0

Field Installed Option Description	Part/Ordering Number
Crankcase heater kit	BAYCCHT301
Evaporator defrost control	AY28X079



SIDE VIEW

JOHNSON & JORDAN MECHANICAL CONTRACTORS 18 MUSSEY ROAD SCARBOROUGH, MAINE 04074 TEL. (207) 883-8348 * FAX (207) 883-8019	
PROJECT:	MAINE PRINTING
PROPOSAL No.:	DATE: 12-2-08
SKETCH No.:	REV: 0 DRN By: FAM