INSTALLER'S GUIDE

18-GD02D1-7

ALL phases of this installation must comply with NATIONAL, STATE AND LOCAL CODES

Model: TWE030CA40D
TWE040CA40E
TWE050CA50F

Convertible 50 Cycle Air Handlers

IMPORTANT — This Document is customer property and is to remain with this unit. Please return to service information pack upon completion of work.

⚠ WARNING: HAZARDOUS VOLTAGE - DISCONNECT POWER BEFORE SERVICING

A. GENERAL INFORMATION

⚠ WARNING

SAFETY HAZARD
THIS INFORMATION IS FOR USE BY INDIVIDUALS HAVING ADEQUATE BACKGROUNDS OF ELECTRICAL AND MECHANICAL EXPERIENCE. ANY ATTEMPT TO REPAIR A CENTRAL AIR CONDITIONING PRODUCT MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE. THE MANUFACTURER OR SELLER CANNOT BE RESPONSIBLE FOR THE INTERPRETATION OF THIS INFORMATION, NOR CAN IT ASSUME ANY LIABILITY IN CONNECTION WITH ITS USE.

⚠ CAUTION

To prevent shortening its service life, the air handler should not be used during the finishing phases of construction. The low return air temperatures can lead to the formation of condensate. Condensate in the presence of chlorides and fluorides from paint, varnish, stains, adhesives, cleaning compounds, and cement creates a corrosive condition which may cause rapid deterioration of the cabinet and internal components.

These instructions do not cover all variations in systems or provide for every possible contingency. Should further information be desired or particular problems arise which are not covered sufficiently by this manual, contact your local distributor or the manufacturer as listed on the air handler nameplate. These Air Handlers are shipped from the factory fully convertible.

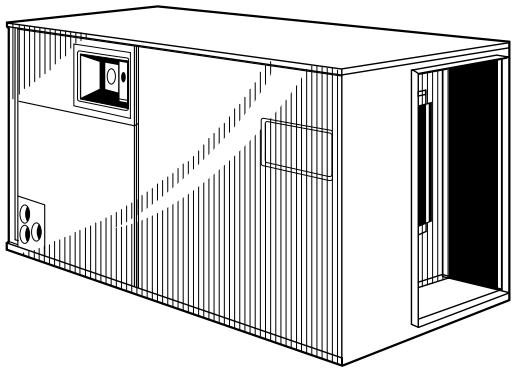
INSPECTION

Check carefully for any shipping damage. This must be reported to and claims made against the transportation company immediately. Check to be sure all major components are in the unit. Any missing parts should be reported to your supplier at once, and replaced with authorized parts only.

INSTALLATION LIMITATIONS & RECOMMENDATIONS

The general location of the air handler is normally selected by the architect, contractor and/or home owner for the most effective application and satisfaction. For proper installation the following items must be considered:

1. If adequate power is available and correct according to nameplate specifications.



2. Insulate all ducts, particularly if unit is located outside of the conditioned space.

3. It is recommended that the outline drawing be studied and dimensions properly noted and checked against selected installation site. By noting in advance which knockouts are to be used, proper clearance allowances can be made for installation and possible future service.

Refer to the convertibility Summary chart on Page 7 to maximize efficiency.

NOTE: When this air handler is used WITHOUT a supplementary electric heater. A plate is required to cover the open hole in the airflow system. See Figure 6. Also, seal the cabinet where the wire enters.

4. If the unit is installed without a return air duct, applicable local codes may limit this air handler to installation only in a single story residence.

5. If the outdoor unit is to be installed later, or by others, then installation of the air handler must be made to allow access for refrigerant lines, or attach refrigerant lines to air handler when installing. Make sure there are provisions for installing condensate drain lines.

6. If side, front or rear return is required, air handler must be elevated.

NOTE: Condensation may occur on the surface of the air handler when installed in an unconditioned location.When units are installed in unconditioned spaces, verify that all electrical and refrigerant line penetrations on the air handler are sealed completely.

7. Route refrigerant lines away from air handler so they do not interfere with access panels and filters.

NOTE: When external accessories are used the additional height and width requirements must be considered in the overall space needed.

8. These units are not approved for outdoor installation.

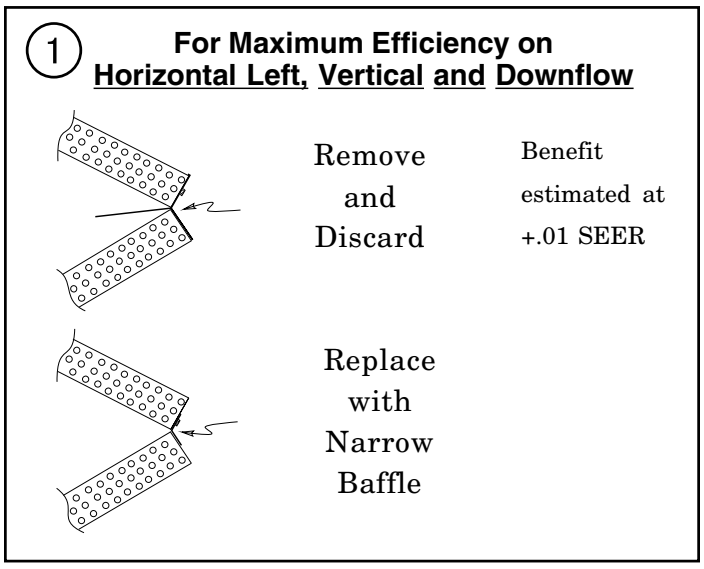
9. These units are approved for draw-through application only.

B. UNIT INSTALLATION

Refer to Convertible Summary on page 6 for maximum efficiency.

Horizontal left, or vertical downflow only. For maximum efficiency, remove the factory installed baffle assembly from the apex of the coil by removing the 5/16" hex head screws. Discard the larger baffle and reinstall with the factory supplied narrow coil baffle using the screws removed previously, (See Figure 1). (Benefit estimated at +.01 SEER)

Vertical and downflow only. For maximum efficiency, the horizontal drip tray should be removed. Tray removal requires that the coil be removed by sliding out on the coil channel supports. The tray is detached by removing two screws at the drain pan and two screws holding the two brackets at the top of the coil. (Benefit estimated at +0.1 SEER).



CLOSET, ALCOVE OR UTILITY ROOM INSTALLATION - These air handlers are suitable for installation in a closet, alcove or utility room with free, non-ducted, air return, using the area space as a return air plenum. With ducted supply air, if the minimum clearances to combustible materials and service access are observed, the above installations are suitable.

This area may also be used for other purposes, including an electric hot water heater - **but in no case shall a fossil fuel device be installed and/or operated in the same closet, alcove or utility room.**

HORIZONTAL INSTALLATIONS

For maximum unit efficiency and ease of filter maintenance it is recommended that a properly sized **remote filter** grille be installed for horizontal applications. **The factory installed filter should then be removed from the unit.**

1. HORIZONTAL RIGHT

a. Unit is shipped from the factory in the horizontal right airflow position. ***See TWE Convertibility summary chart on page 6.***

b. If the unit is suspended, it must be supported from the bottom near both ends as well as the middle to prevent sagging. The service access must remain unobstructed. If the unit is supported along the length of the front and back with rails, the air handler only needs to be suspended at both ends.

c. If the unit is not suspended it must be isolated carefully to prevent sound transmission. Vibration isolators (purchased locally) must be placed under the unit.

d. It is always recommended that an auxiliary drain pan be installed under a horizontal air handler (See Condensate Piping).

e. Isolate the auxiliary drain pan from the unit or from the structure.

f. Connect the auxiliary drain pan to a **separate drain line** (no trap is needed in this line).

g. If a return duct is connected to the Air Handler, it must be the same dimensions as the return opening shown in the outline drawings.

h. **Openings where field wiring enters the cabinet must be completely sealed.**

2. HORIZONTAL LEFT

a. To convert to horizontal left, slide out coil on the channel supports and rotate the cabinet 180 degrees.

See Convertible Chart on page 7.

FOR TWE040 & 050 ONLY: For maximum efficiency, remove the factory installed baffle assembly from the apex of the coil by removing the 5/16" hex head screws. Replace this baffle with the factory supplied narrow coil baffle using the screws removed previously, (See Figure 1).

The coil is then inserted back into the cabinet on the opposite side coil channel supports. The unit is now horizontal left with front access.

b. Power and low voltage wiring enter the cabinet through knockouts on the discharge end of the unit when in this position. Location of power entry is shown on the Outline Drawing.

c. Unit must be suspended from both ends as well as the middle as mentioned in horizontal right installation.

d. For additional installation instructions see #1 "Horizontal Right."

e. **Openings where field wiring enters the cabinet must be sealed completely.**

VERTICAL INSTALLATIONS
3. VERTICAL UPFLOW

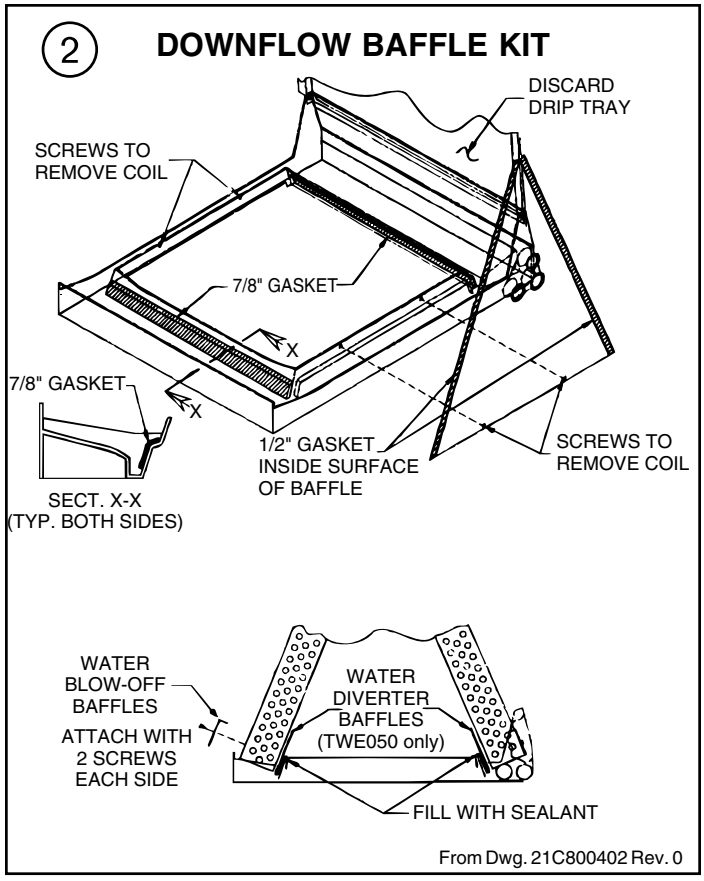
a. Position unit on Pedestal or other suitable foundation. If Pedestal is not used, a frame strong enough to support the total weight must be provided. Provide a minimum height of 14 inches for proper unrestricted airflow. ***See Convertible Summary chart on page 6.***

b. If a return air duct is connected to the air handler, it must be the same dimensions as the return opening, shown in the outline drawing.

c. Pedestal and unit should be isolated from the foundation using a suitable isolating material.

4. VERTICAL DOWNFLOW

REQUIRES INSTALLATION OF WATER DIVERTER BAFFLE KIT INCLUDED WITH UNIT.



Conversion to vertical downflow from "as shipped", requires the removal of the coil by sliding it out on the coil channel supports. ***See Convertibility chart on page 7.***

Downflow Kit hardware and gasket installation requires the installer to:

a. Remove and discard the coil drip tray and mounting brackets. These parts are not required for downflow application.

b. Detach the coil from the drain pan by removing 4 screws Figure 2.

c. Remove the front triangular baffle from the coil and install the 1/2" wide gasket provided per Figure 2. Trim the gasket length to fit the baffle. Reinstall the baffle to coil, with gasket material compressed against the coil.

d. Install the water blow-off baffles provided on each side of the coil with the flange at the top as shown in Figure 2. The bottom of the baffle is to be as close to the bottom of the coil as possible.

e. Install the 7/8" wide gasket in each side of the drain pan as shown in Figure 2 (sect. X-X).

f. The 5 ton model requires 2 water diverter baffles to be placed underneath the coil on the inside edge of the drain pan, Figure 2. Fill the bend in the baffle which fits the inner edge of the drain pan with RTV type adhesive/sealant before installing the baffle.

g. The unit is then placed with the blower side down and the coil is replaced on the coil channel supports with the drain connections at the bottom. The unit is now in vertical downflow position with front access.

h. **Openings where field wiring enters the cabinet must be completely sealed.**

When air handler with supplementary heater is to be installed in the downflow position on combustible flooring an accessory subbase (TAYBASE101 for TWE030, TAYBASE100 for TWE040-050) must be used.

C. DUCT CONNECTIONS

The supply and return air ducts should be connected to the unit with flame retardant duct connectors.

Convertible duct flanges are provided on the discharge opening to provide a "flush fit" for 3/4" or 1-1/2" duct board applications, see the Outline drawing on page 11 for sizes of the duct connections. After the duct is secured, seal around the supply duct to prevent air leakage.

NOTE: If the convertible duct flanges are not used, they must be removed and discarded for proper airflow.

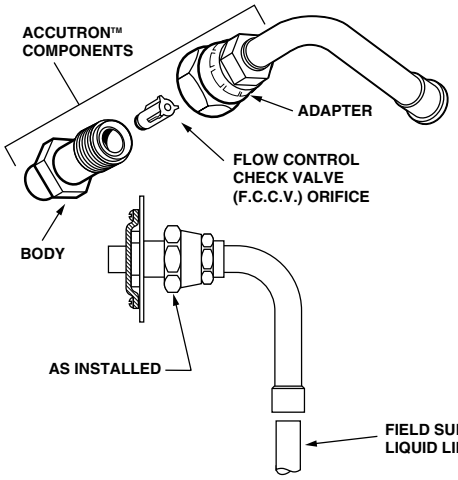
D. ACCUTRON™ FLOW CONTROL VALVE

If the indoor unit System Refrigerant Flow control is an Accutron™ orifice and check valve assembly, an orifice change may be necessary.

The outdoor unit determines the required orifice size. Check the orifice size stamped on nameplate of selected outdoor model. If the indoor unit is shipped with a different orifice size, the orifice must be changed to obtain system rated performance.

IMPORTANT: The outdoor unit will be shipped with the proper size orifice and a stick-on orifice size label in an envelope attached to the outdoor unit. Outdoor unit nameplate will have correct orifice size specified as BAYFCCV---A for rated performance.

3 **FLOW CONTROL CHECK VALVE**



FIELD CHANGING OF ORIFICE

NOTE: Do not connect refrigerant line set yet!

1. Disassemble Accutron™ assembly by turning adapter hex nut counterclockwise. (See Fig. 3).

2. Existing orifice should be removed, using a pin, wire or paper clip if necessary.

3. Insert properly sized orifice into the Accutron™ body with rounded "bullet" nose toward the indoor unit. (See Fig. 3). Ensure the orifice remains inserted in body when reconnecting mating adapter removed in item 1.

4. Reconnect adapter by hand to ensure proper mating of threads and tighten until bodies "bottom" or a definite resistance is felt.

5. Mark a line lengthwise from the union nut to the bulkhead. Then tighten an additional 1/6 turn (or 1 hex flat). The misalignment of the line will show the amount the assembly has been tightened. This final 1/6 turn is necessary to ensure the formation of a leakproof joint.

IMPORTANT: Correct tightening of the coupling is very important. Under tightening or over tightening may result in a coupling leak.

E. BRAZING TO EVAPORATOR SECTION

NOTE: A brazing shield is provided in the information pack accompanying this unit. This shield fits over the refrigerant fittings while brazing. Wet the shield before brazing. See Fig. 4.

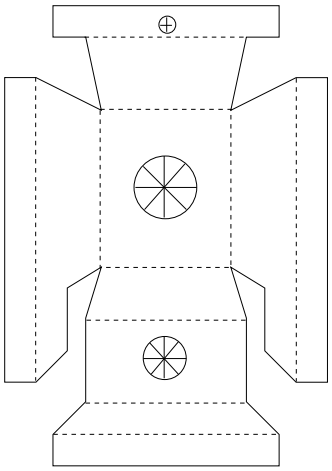
IMPORTANT: Do not unseal refrigerant tubing until ready to cut and fit refrigerant lines.

1. Remove both sealing plugs from indoor coil.

2. Field supplied tubing should be cut square, round and free of burrs at the connecting end. Clean the tubing to prevent contaminants from entering the system.

3. Run refrigerant tubing into the stub sockets of indoor unit coil. **Refrigerant line openings must be completely sealed.**

4 **BRAZE SHIELD**



PAINTED AREAS OF UNIT MUST BE SHIELDED DURING BRAZING

4. Braze and evacuate according to indoor and outdoor installation instructions.

NOTE: Torque specification for TXV equals 1/6 turn past finger tight.

F. CONDENSATE DRAIN PIPING

NOTE:
Make certain that the unit has been installed in a level position to ensure proper draining.

The indoor blower is downstream of the evaporator coil which creates a negative pressure at the condensate drain connections during operation. The condensate drain

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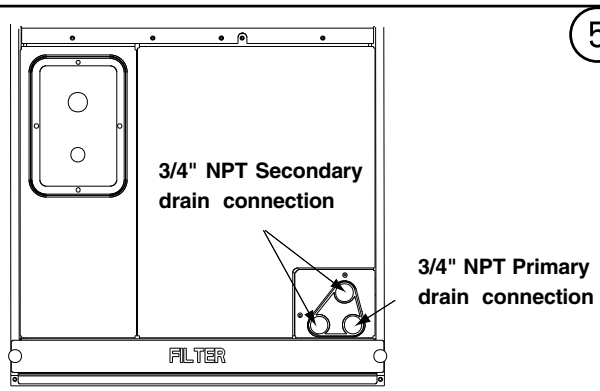


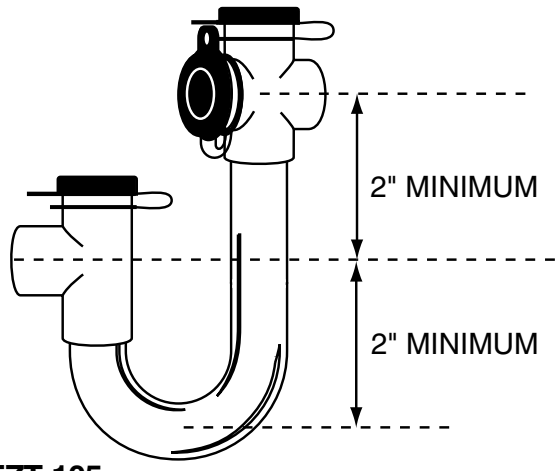
connections in front of the indoor coil are 3/4" NPT. The lower connection is the primary drain. See Figure 5.

Two secondary drain connections are provided for the different orientations (See Figure 5). The lower of the two should be connected as a backup to prevent condensate overflow by a blocked primary drain.

For proper drainage of condensate, the following steps should be followed:

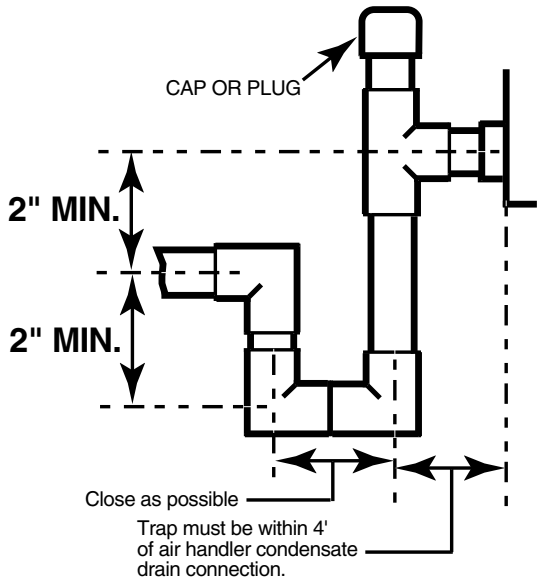
1. The primary drain line must be trapped with a minimum of 2" water seal as shown in Figures 6 & 7. **Do not use preformed 3/4" PVC running traps.**

6 **MANUFACTURED TRAPS**



EZT-105

7 **FIELD FABRICATED TRAP**



The use of Field fabricated or manufactured traps as shown in Figures 6 & 7 is acceptable. The manufactured trap shown in Figure 6 allows for a float switch option to be added.

Refer to the manufacturer's data and instructions for details.

2. **The trap must be located within 4 feet of the air handler drain outlet connection.**
3. It is recommended that a clean-out tee or cross be installed in the primary drain line for future maintenance (See Figures 6 & 7)
4. Do not use reducing fittings in the condensate drain lines.
5. Slope the drain lines downward a minimum of 1/4" per foot.
6. Insulate the primary drain to prevent sweating.
7. **Provide means for drainage to prevent winter freeze-up of condensate line**.
8. Do not connect the drain line to a closed drain system.
9. Use Teflon® tape on the air handler drain line connections! Do Not Use pipe joint compound or PVC/CPVC cement!

It is always recommended that an auxiliary drain pan be installed under a horizontally installed air handler. Connect the auxiliary drain line to a separate drain line (no trap is needed in this line) and terminate according to local codes.

NOTE:
DO NOT use a torch or flame near the plastic drain pan coupling.

NOTE: Make certain that the unit has been installed in a level position to insure proper draining. Prove proper draining by pouring water into the drain pan.

Do not use reducing fittings in the condensate drain lines. The installation of a clean-out tee for future maintenance is recommended. Do not trap the auxiliary drain pan pipe. **Insulating the drain pipes to prevent sweating is recommended.**

NOTE: DO NOT use a torch or flame near the plastic drain pan coupling.

Use Teflon® tape or RTV silicone sealant only! Do Not Use pipe joint compound or PVC/CPVC cement!

NOTE: DO NOT tighten the drain pipe excessively. Support the condensate piping and traps outside the unit to prevent strain on the drain coupling.

The secondary fitting should be connected as a drain to prevent condensate overflow.

⚠ WARNING

ELECTRICAL SHOCK HAZARD
LOCK UNIT DISCONNECT SWITCH IN OPEN POSITION BEFORE SERVICING UNIT. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH.

G. ELECTRICAL CONNECTIONS — Power Wiring

1. The selection of wire and fuse sizes should be made according to the ampacity of the unit.

2. Field wiring diagrams for unit accessories are shipped with the accessory.

3. Wiring must conform to National and Local codes.

Ground unit per Local codes with good safety procedure. Electrical connections are made in the junction box located above the blower housing when heaters are not installed.

NOTE: The 7/8" electrical entry hole ***must be sealed air tight after making connections.***

NOTE: If air handler is used with or without a heater, the electrical entry holes, as well as any other cabinet penetrations, must be sealed air tight.

H. CONTROL WIRING

1. Connect wiring between indoor unit, outdoor unit and thermostat. The use of color-coded 18 gauge low-voltage wire is recommended. Seal the opening where the control wiring enters the unit.

IMPORTANT: When supplementary heaters are installed, inspect to insure that all packaging material has been removed.

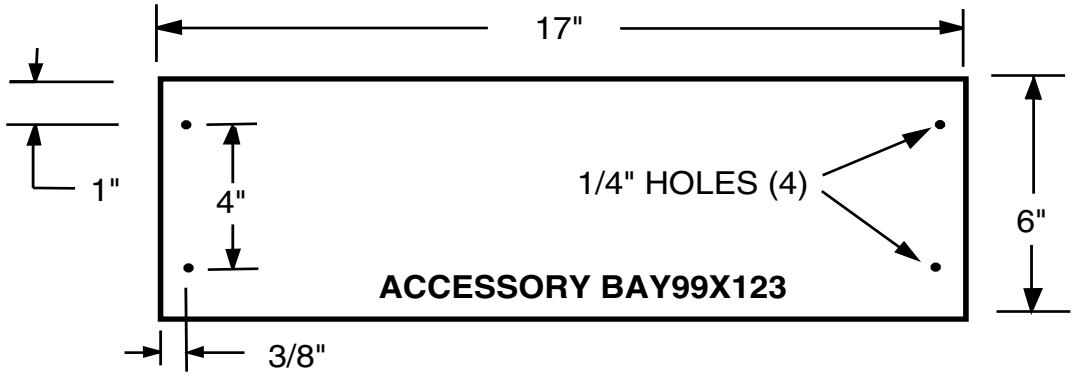
I. CHECKOUT PROCEDURE

1. Check the Air Handler installation in accordance with this instruction.

2. "Operational Procedure" for the system installation can be found in the outdoor unit installer guide and will be compatible with this Air Handler.

(8) **ACCESSORY BAY99X123 AVAILABLE FOR TWE AIR HANDLERS**

IF AIRHANDLER IS USED **WITHOUT** A FACTORY FURNISHED SUPPLEMENTARY HEATER, A PLATE IS REQUIRED TO COVER THE OPEN HOLE IN THE AIR FLOW SYSTEM



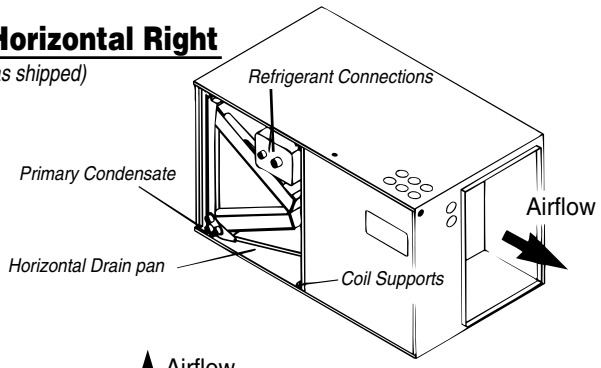
(9) **CONVERTIBLE SUMMARY FOR MAXIMUM EFFICIENCY**

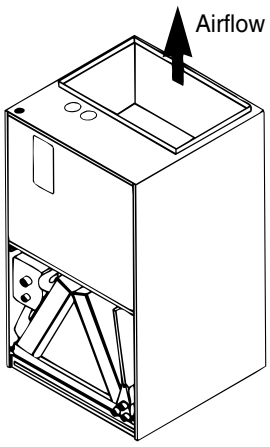
APPLICATION	TWE040 & 050	TWE030
Horizontal Right	● Use a remote filter grille and remove the factory installed air filter ● Use a remote filter grille and remove the factory installed air filter	● Use a remote filter grille and remove the factory installed air filter ● Use a remote filter grille and remove the factory installed air filter
Horizontal Left	● Remove the factory installed baffle assembly on the apex of the coil and replace it with the factory supplied narrow baffle.	
Vertical Upflow	● Remove the drip tray	● Remove the drip tray
Vertical Downflow	● Remove the factory installed baffle assembly on the apex of the coil and replace it with the factory supplied narrow baffle. ● Remove the drip tray ● Install the factory supplied kit to prevent water blow-off	● Install the factory supplied kit to prevent water blow-off

⑩ TWE CONVERTIBILITY CHART

One Unit - 4 Applications
(Conversions 1-4)

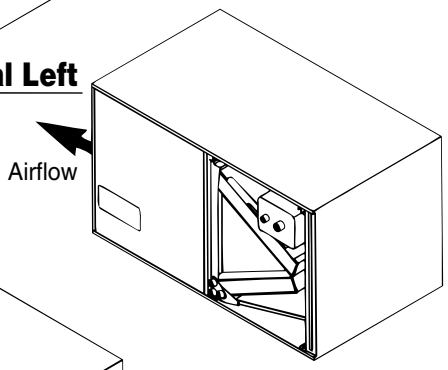
Horizontal Right
(as shipped)

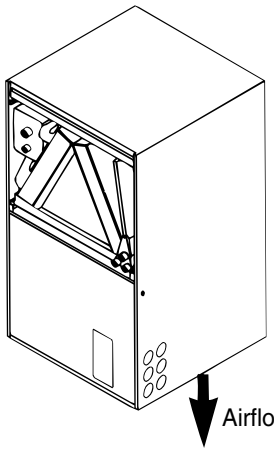




Vertical Upflow
(as shipped)
One-step Conversion
Stand unit on end

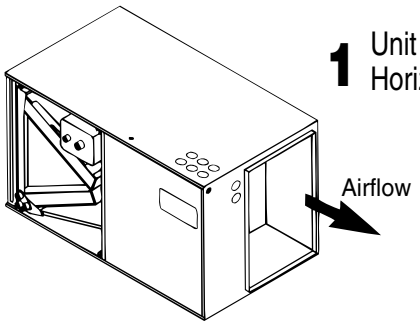
Horizontal Left
Rotate Coil



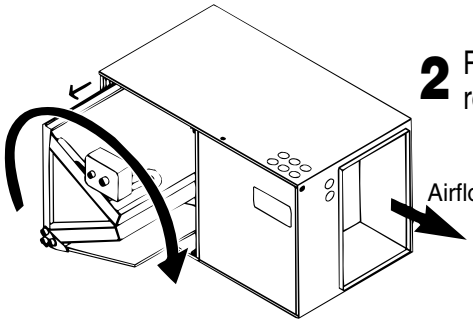


Vertical Downflow
One-step Conversion
from Horizontal left

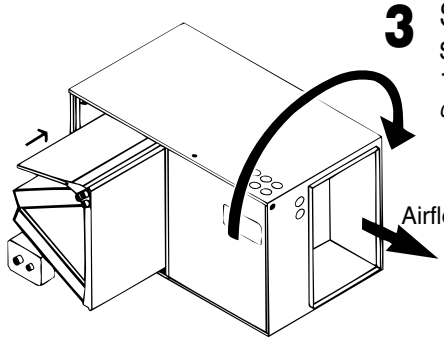
Easy Conversion to Opposite side Access
(Conversions 5 & 6)



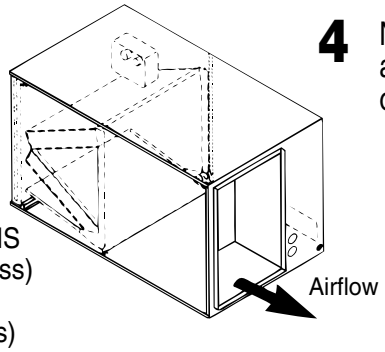
1 Unit is shipped as Horizontal right



2 Pull coil out and rotate the coil 180˚



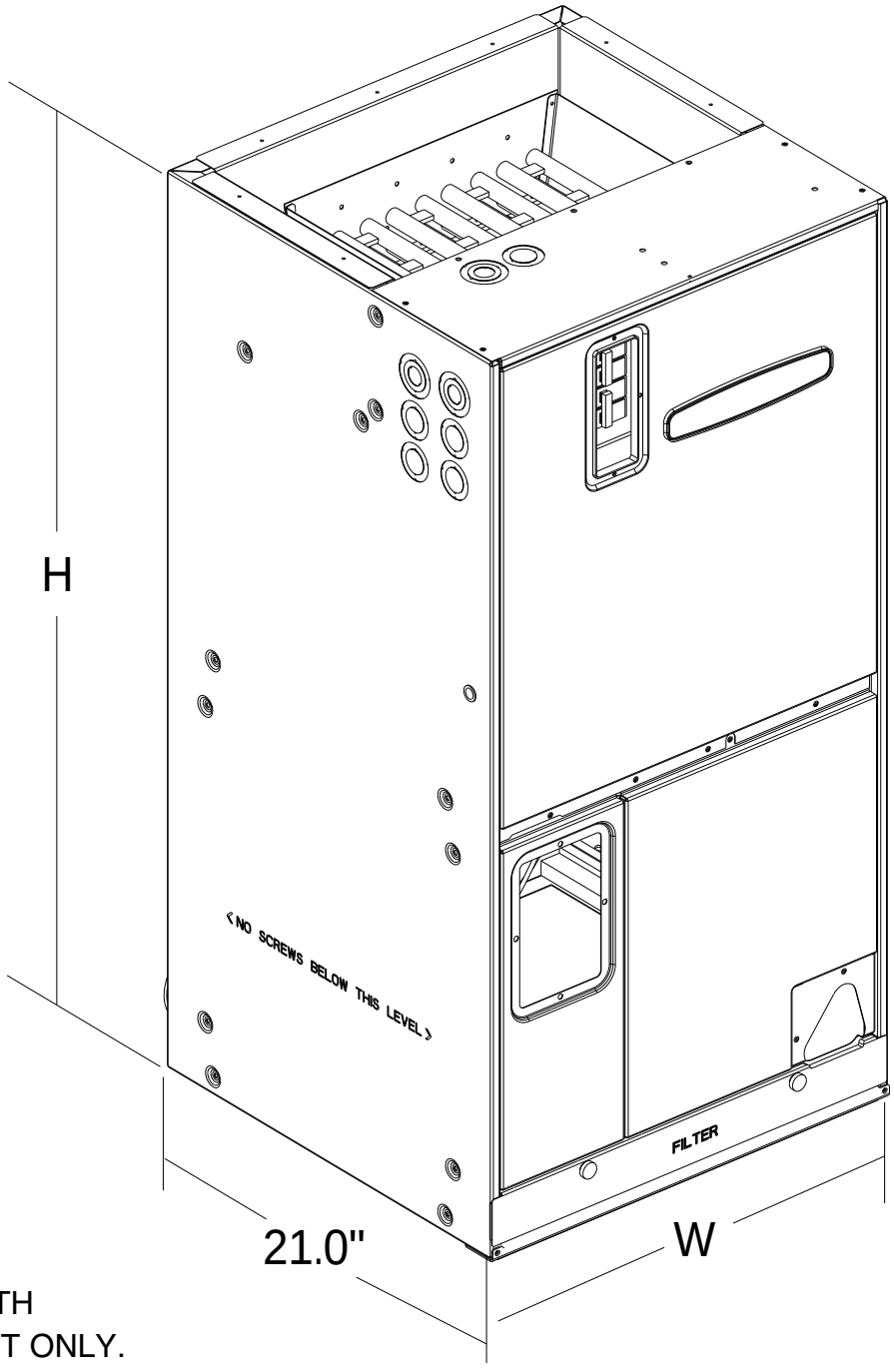
3 Slide coil back in on supports and roll unit 180˚ *(so primary condensate is down)*



4 Note connections and access are now on back side of unit

6 CONVERSION APPLICATIONS
1. Horizontal Right - (Front Access)
2. Vertical Upflow
3. Horizontal Left - (Front Access)
4. Vertical Downflow
5. Horizontal Right - (Rear Access)
6. Horizontal Left - (Rear Access)

OUTLINE DRAWING FOR TWE-C AIR HANDLERS

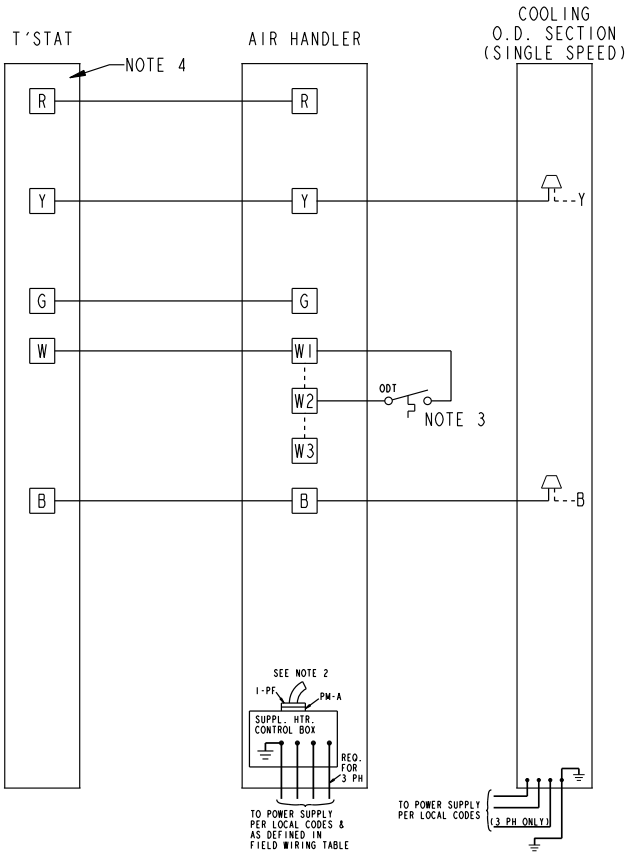


* FOR TWE050C WITH
TWO PIECE CABINET ONLY.

Model No.	H	W
TWE030CA40D	43.00	21.50
TWE040CA40E	51.75	23.50
TWE050CA50F	57.90	23.50

From Dwg. 21B800399 Rev. 0

AIR HANDLERS WITH SINGLE STAGE COOLING UNIT, 1 STAGE HEAT



NOTES:

1. LOW VOLTAGE WIRING TO BE NO. 18 A.W.G. MINIMUM CONDUCTOR.
2. WHEN FIELD-INSTALLED HEATERS ARE USED, DISCARD POWER LEADS WITH POLARIZED PLUG PM-A AND CONNECT I-PF TO MATING PLUG IN THE HEATER CONTROL BOX AS SHOWN.
3. IF OUTDOOR THERMOSTAT (ODT) IS NOT USED, CONNECT W1 TO W2 TO W3 ON LVTB.
4. SEE HEATER WIRING DIAGRAM FOR HEATING ANTICIPATOR SETTING.

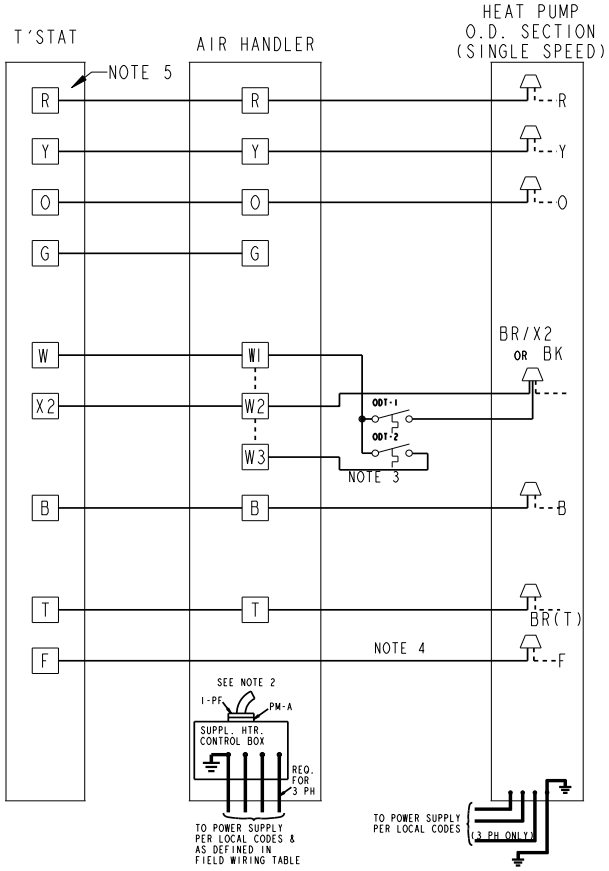
INTER-COMPONENT WIRING

24 V. LINE V. } FACTORY WIRING

24 V. LINE V. } FIELD WIRING

From Dwg. B801083 REV1

FIELD WIRING DIAGRAMS FOR AIR HANDLERS WITH HEAT PUMP



NOTES:

1. LOW VOLTAGE WIRING TO BE NO. 18 A.W.G. MINIMUM CONDUCTORS.
2. WHEN HEATERS ARE USED, DISCARD POWER LEADS WITH POLARIZED PLUG I-PM AND CONNECT I-PF TO MATING PLUG IN THE HEATER CONTROL BOX AS SHOWN.
3. IF OUTDOOR THERMOSTAT (ODT) IS NOT USED, CONNECT W1 TO W2 TO W3 ON LVTB.
4. CONNECT IN THIS MANNER IF O.D. UNIT HAS "F" CONNECTION.
5. SEE HEATER WIRING DIAGRAM FOR HEATING ANTICIPATOR SETTINGS.

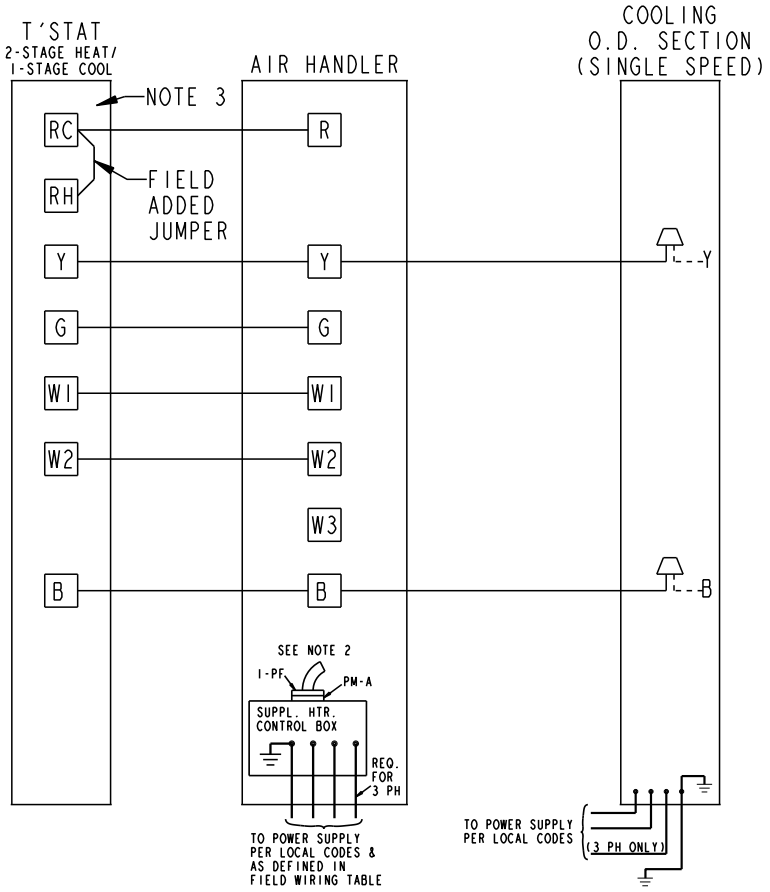
INTER-COMPONENT WIRING

24 V. LINE V. } FACTORY WIRING

24 V. LINE V. } FIELD WIRING

From Dwg. B801082 REV1

AIR HANDLERS WITH SINGLE STAGE COOLING AND TWO STAGE HEATING



NOTES:

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3. SEE HEATER WIRING DIAGRAM FOR HEATING ANTICIPATOR SETTING.

INTER-COMPONENT WIRING

- - - - - - 24 V.) FACTORY
- - - - - - LINE V.) WIRING
——— 24 V.) FIELD
——— LINE V.) WIRING

From Dwg. B801081 Rev. 1

AIR HANDLER SUBBASE

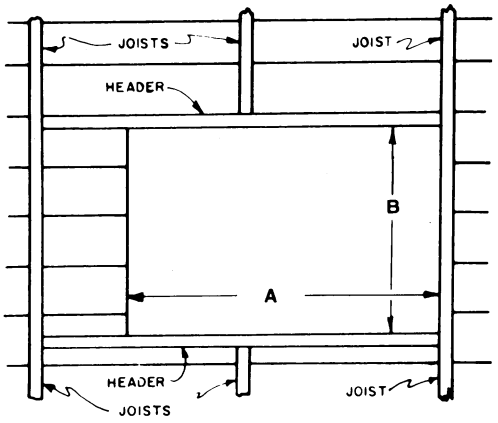


FIG.2

FLOOR OPENING - SIZE		
MODEL NO.	A	B
TAYBASE100	23-3/4	14-13/16
TAYBASE101	21-3/4	14-13/16
TAYBASE102	26-3/4	14-13/16

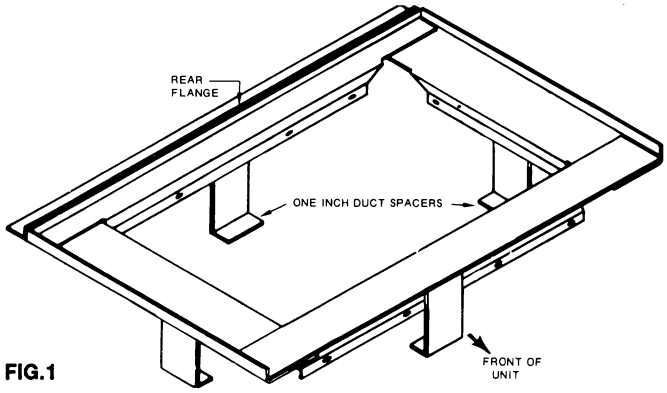


FIG.1

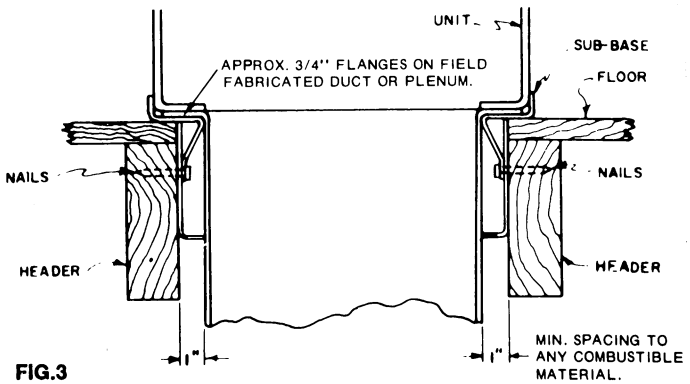
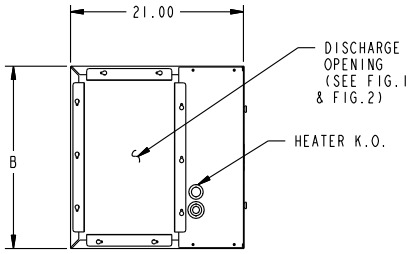
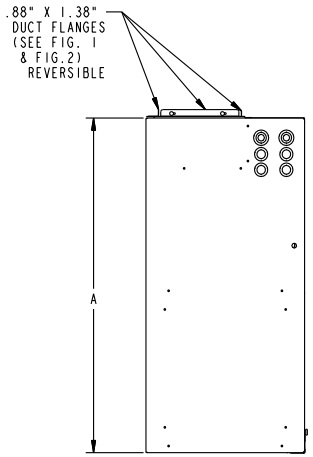


FIG.3

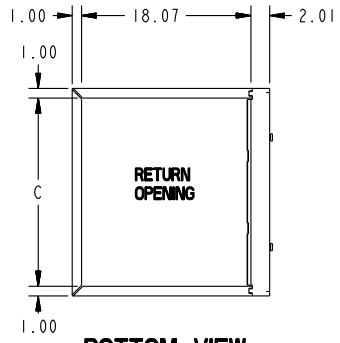
OUTLINE DRAWING FOR TWE018-048C TWE060D



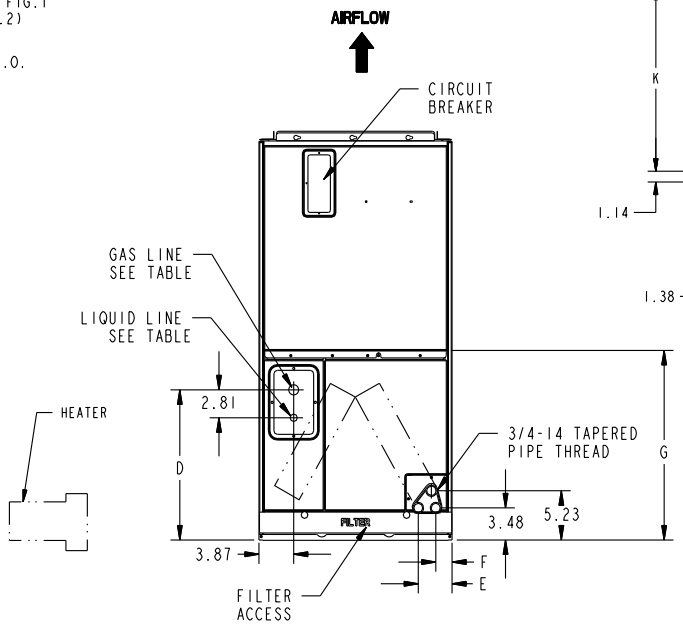
TOP VIEW



SIDE VIEW



BOTTOM VIEW



VERTICAL UPFLOW

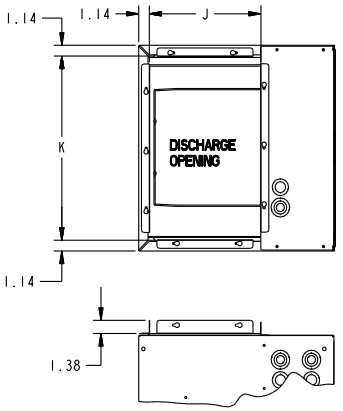


FIG. 1

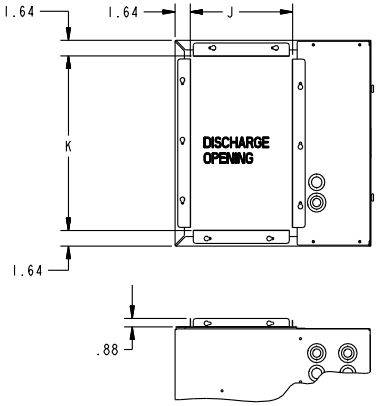


FIG. 2

	FIG. 1		FIG. 2	
MODEL NO.	J	K	J	K
2TEE3F31A, 4TEE3F31B 2TEC3F18B, 24B, 30B, 36B 4TEC3F18B, 24B, 30B, 36B TWE030CA	12.02	19.22	11.02	18.22
2TEE3F37A, 4TEE3F37B 2TEC3F42B, 48B, 60B 4TEC3F42B, 48B, 60B TWE040CA, 50CA		21.22		20.22
2TEE3F40A, 49A, 65A 4TEE3F40B, 49B, 65B 2TEC3F55B 4TEC3F55B		23.72		22.72

MODEL NO.	A	B	C	D	E	F	G	FLOW CONTROL	GAS LINE BRAZE	LIQ. LINE BRAZE
2TEC3F18B	43	21.50	19.50	15.66	3.62	1.89	N/A	TXV/NB	5/8	1/4
2TEE3F31A, 4TEE3F31B, 2TEC3F24B									3/4	5/16
2TEC3F30B	45	21.50	19.50	17.66	3.62	1.89			7/8	3/8
2TEE3F37A		23.50	21.50							
2TEC3F36B		21.50	19.50							
2TEE3F40A	51.75	26	24	22.41	3.21	1.48				
2TEC3F42B		23.50	21.50		3.62	1.89				
2TEE3F49A, 2TEC3F55B	57.90	26	24	27.09	3.21	1.48			1-1/8	
2TEE3F65A	62.75						37.2			
4TEC3F18B	43	21.50	19.50	15.66	3.62	1.89	N/A		1/2	1/4
4TEC3F24B									5/8	5/16
4TEC3F30B	45	21.50	19.50	17.66					3/4	3/8
4TEE3F37B		23.50	21.50							
4TEC3F36B		21.50	19.50							
4TEE3F40B	51.75	26	24	22.41	3.21	1.48				
4TEC3F42B		23.50	21.50		3.62	1.89				
4TEE3F49B, 4TEC3F55B	57.90	26	24	27.09	3.21	1.48			7/8	
4TEE3F65B	62.75						37.2			
4TEC3F48B, 4TEC3F60B	57.90	23.50	21.50	27.57	3.62	1.89	32.39		1-1/8	
2TEC3F48B, 2TEC3F60B										
TWE050CA							N/A	TXVB		
TWE040CA	51.75			24.32						
TWE030CA	43	21.50	19.50	15.57				FCCV	3/4	5/16

MINIMUM UNIT CLEARANCE TABLE		
	TO COMBUSTIBLE MATERIAL (REQUIRED)	SERVICE CLEARANCE (RECOMMENDED)
SIDES	0"	2"*
FRONT	0"	21"
BACK	0"	0"
INLET DUCT	0"	1"
OUTLET DUCT	1"*	

* 1" FOR THE FIRST 3 FT. OF OUTLET DUCT WHEN ELECTRIC HEATERS ARE INSTALLED EXCEPT MODELS BAYHTR1405, 1408, AND 1410 ARE APPROVED FOR 0" PLENUM AND DUCT CLEARANCE IN THE UPFLOW CONFIGURATION ONLY ON TWE-P MODELS.

The following warning complies with State of California law, Proposition 65.

⚠WARNING: This product contains fiberglass wool insulation! Fiberglass dust and ceramic fibers are believed by the State of California to cause cancer through inhalation. Glasswool fibers may also cause respiratory, skin, or eye irritation.

PRECAUTIONARY MEASURES

- Avoid breathing fiberglass dust.
- Use a NIOSH approved dust/mist respirator.
- Avoid contact with the skin or eyes. Wear long-sleeved, loose-fitting clothing, gloves, and eye protection.
- Wash clothes separately from other clothing: rinse washer thoroughly.
- Operations such as sawing, blowing, tear-out, and spraying may generate fiber concentrations requiring additional respiratory protection. Use the appropriate NIOSH approved respirator in these situations.

FIRST AID MEASURES

Eye Contact - Flush eyes with water to remove dust. If symptoms persist, seek medical attention.

Skin Contact - Wash affected areas gently with soap and warm water after handling.

CHECKOUT PROCEDURES

After installation has been completed, it is recommended that the Air Handler be checked against the following checklist.

1. Make sure power is “OFF” at power disconnect switch ..... ❑
2. Check all field wiring for tight connections. See that grounding of unit is in accord with code ..... ❑
3. Make sure unit suspension (if used) is secure and that there are no tools or loose debris in, around or on top of the unit ..... ❑
4. Check all duct outlets; they must be open and unrestricted ..... ❑
5. Check drain lines and be sure all joints are tight ..... ❑
6. Make sure secondary drain pan is installed ..... ❑
7. Check power supply for correct requirements per unit nameplate ..... ❑
8. Check filters for proper size. Inform owner of proper procedure for removal and reinstallation ..... ❑
9. Energize the system and carefully observe its operation; make any necessary adjustment ..... ❑
10. Instruct owner, engineer (if possible) on proper operating procedure and leave Use and Care Manual with owner ..... ❑

Since the manufacturer has a policy of continuous product improvement, it reserves the right to change specifications and design without notice.

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