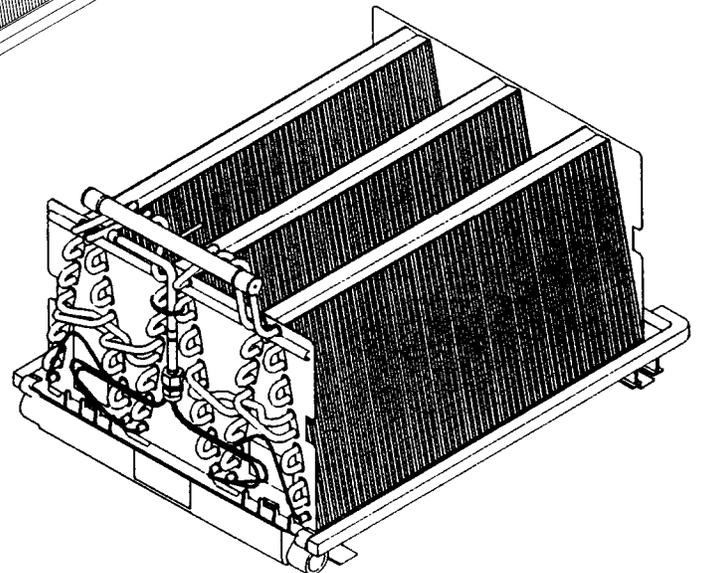
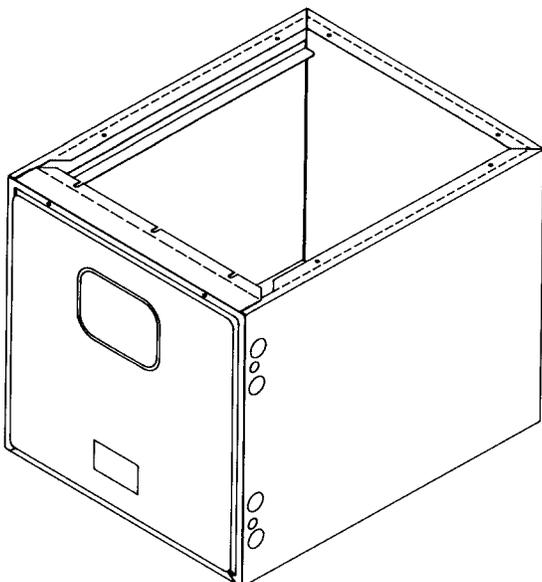
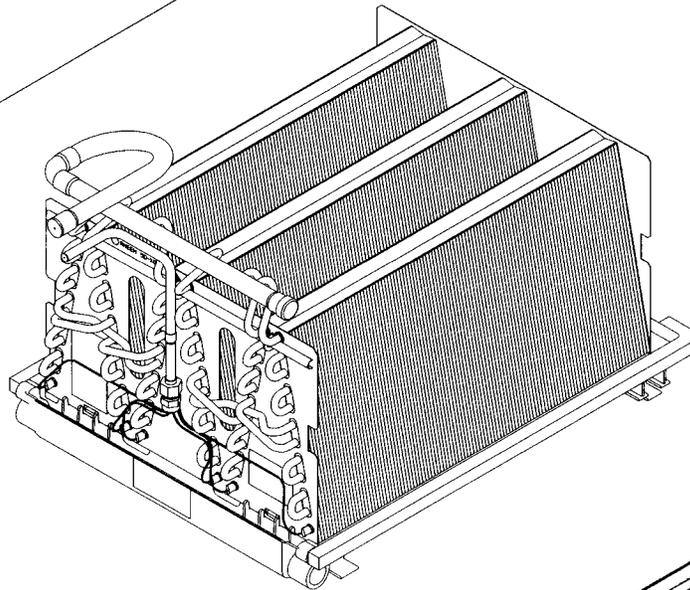
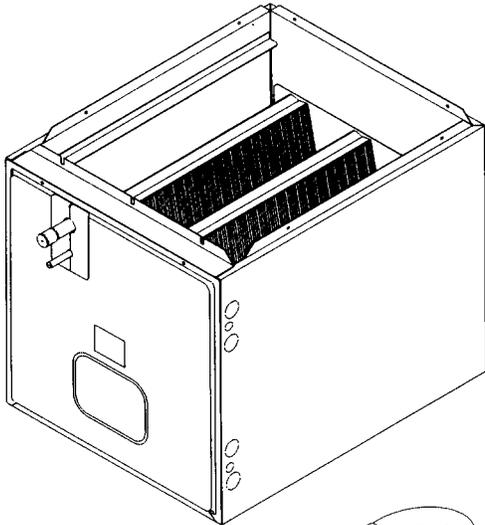


# INSTALLATION AND OPERATING INSTRUCTIONS FOR MODELS:

RCBA/RCGA/RCHA/RCGJ/RCHJ/RCHL

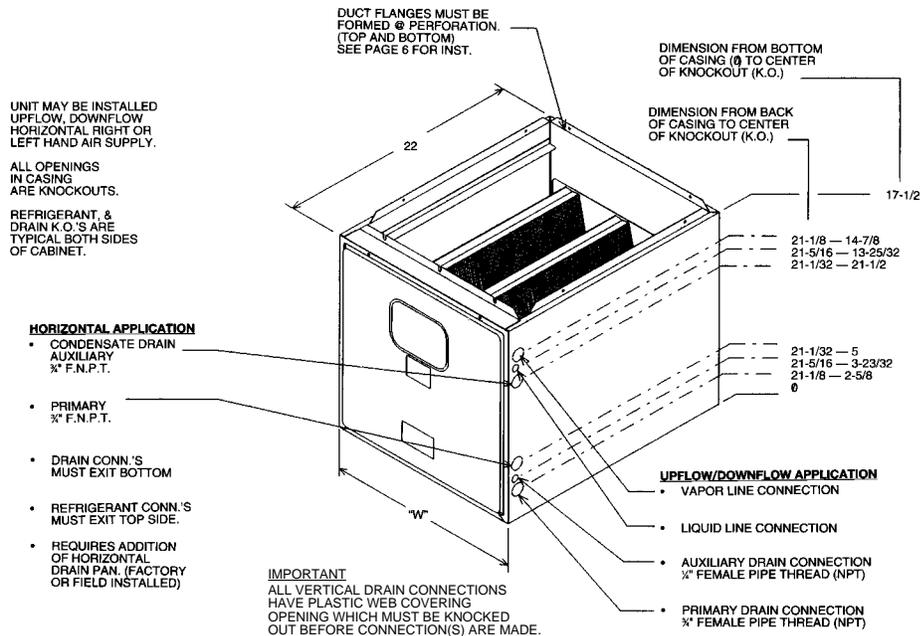


**RXBC – INDOOR COIL CASING**



## UNIT DIMENSIONS & WEIGHTS — CASED AND UNCASSED COILS

MODEL NUMBER	UNCASSED COIL "X" in.	STANDARD CASED COIL "W" in.	CONNECTION SIZE (in.)		UNIT WEIGHT (lbs)					
			SWEAT		UNCASSED COIL		STANDARD CASED COIL		CASED COIL WITH HORIZ. DRAIN PAN	
			LIQUID I.D.	SUCTION I.D.	WT.	SHIP WT.	WT.	SHIP WT.	WT.	SHIP WT.
RCBA-24	12-1/4	14	3/4	3/8	15	17	32	34	37	39
RCGA-24 RCHA-24	12-1/4	14			16	18	35	37	38	40
RCBA-36	15-3/4	17-1/2			20	22	39	41	44	47
RCGA-36/37 RCGJ-24A2 RCGJ-24A1 RCHA-36 RCHJ-24A1 RCHJ-24A2 RCHL-24A2	15-3/4	17-1/2			21	23	40	42	45	48
RCBA-48	19-1/4	21	7/8	3/8	26	29	46	49	52	55
RCGA-48 RCGJ-36A1 RCGJ-36A2 RCHA-48 RCHJ-36A1 RCHJ-36A2 RCHL-36A1 RCHL-36A2	19-1/4	21			27	30	47	50	53	56
RCBA-60	22-3/4	24-1/2			32	35	54	57	60	64
RCGA-60 RCGJ-48A1 RCHJ-48A1 RCHL-48A1 RCHL-48A2 RCGJ-60A2 RCHJ-48A2 RCHJ-60A1 RCGJ-60A1 RCHA-60 RCHL-60A1	22-3/4	24-1/2			33	36	55	58	61	65
RCGJ-61A1 RCHJ-51A1 RCHJ-61A1	N/A	24-1/2			N/A	N/A	110	116	122	130



## UNIT DIMENSIONS & WEIGHTS — RXBC INDOOR COIL CASINGS

MODEL NUMBER	WIDTH "W" in.	HEIGHT in.	DEPTH in.	UNIT WEIGHT		SUPPLY <sup>①</sup>		RETURN <sup>②</sup>	
				WT.	SHIP WT.	WIDTH"	DEPTH"	WIDTH"	DEPTH"
RXBC-*14	14	17-1/2	22	17	19	13	19-5/8	13	19-7/8
RXBC-*17	17-1/2			19	21	16-1/2		16-1/2	
RXBC-*21	21			20	23	20		20	
RXBC-*24	24-1/2			22	25	23-1/2		23-1/2	

① Supply dimensions for upflow & horizontal units. This is return dimensions for downflow units.

② Return dimensions for upflow & horizontal units. This is supply dimensions for downflow units.

\* A = Side Connection; C = Front Connection

# RC\*J 51A1 & 61A1 COILS

DIMENSION FROM BOTTOM OF CASING (0) TO CENTER OF KNOCKOUT (K.O.)

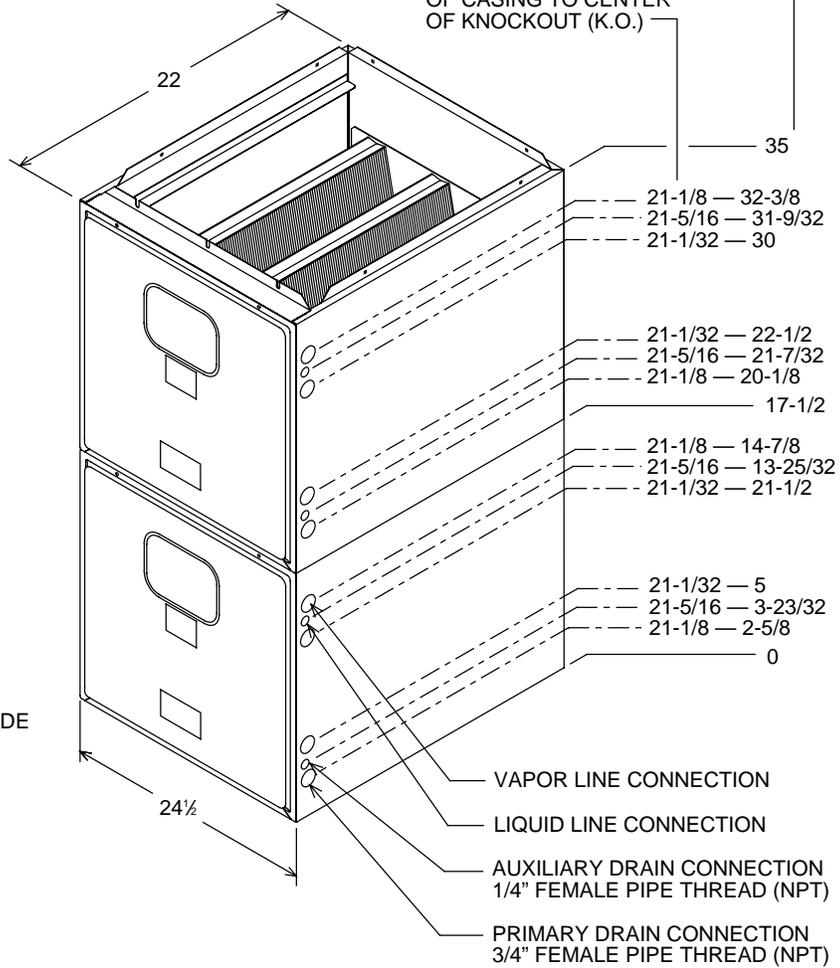
DIMENSION FROM BACK OF CASING TO CENTER OF KNOCKOUT (K.O.)

UNIT MAY BE INSTALLED UPFLOW OR DOWNFLOW AIR SUPPLY.

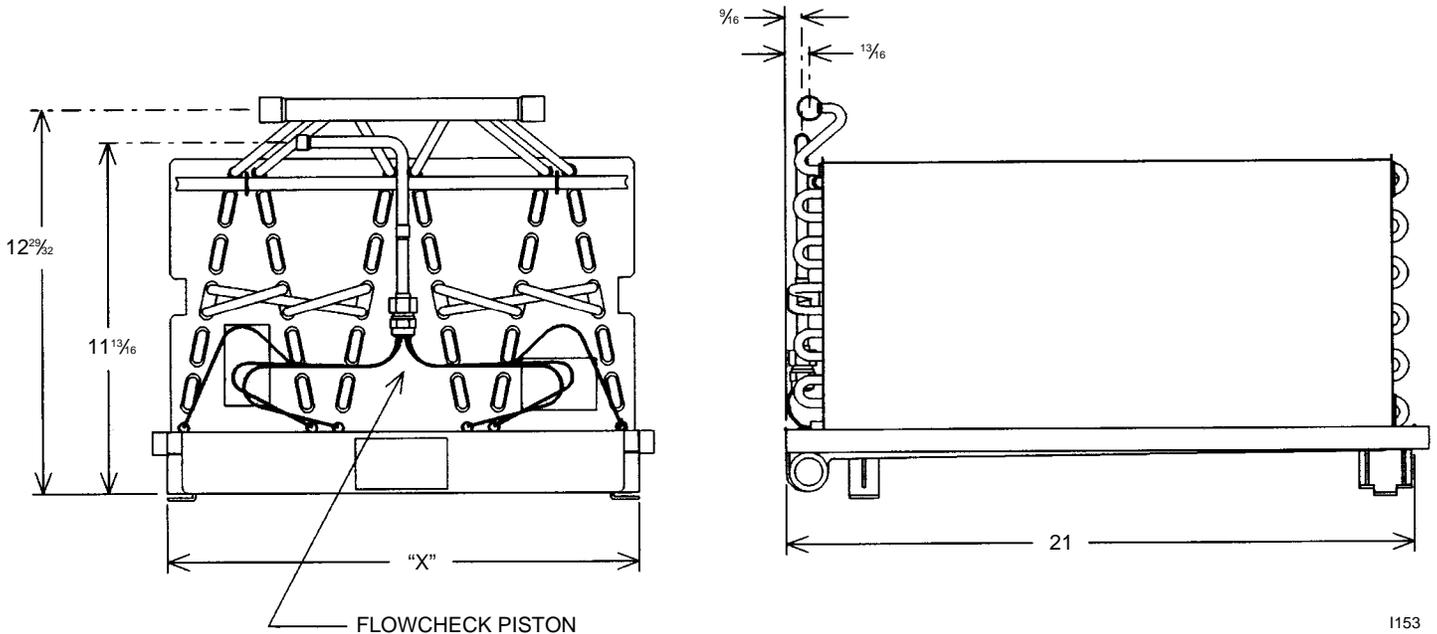
ALL OPENINGS IN CASING ARE KNOCKOUTS.

REFRIGERANT, & DRAIN K.O.'S ARE TYPICAL BOTH SIDES OF CABINET

**CAUTION**  
ALL VERTICAL DRAIN CONNECTIONS HAVE PLASTIC WEB COVERING OPENING, WHICH MUST BE KNOCKED OUT BEFORE CONNECTION(S) ARE MADE



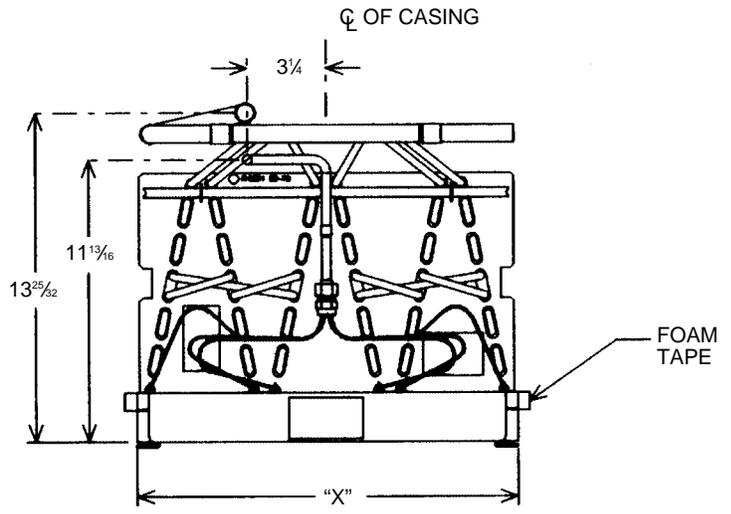
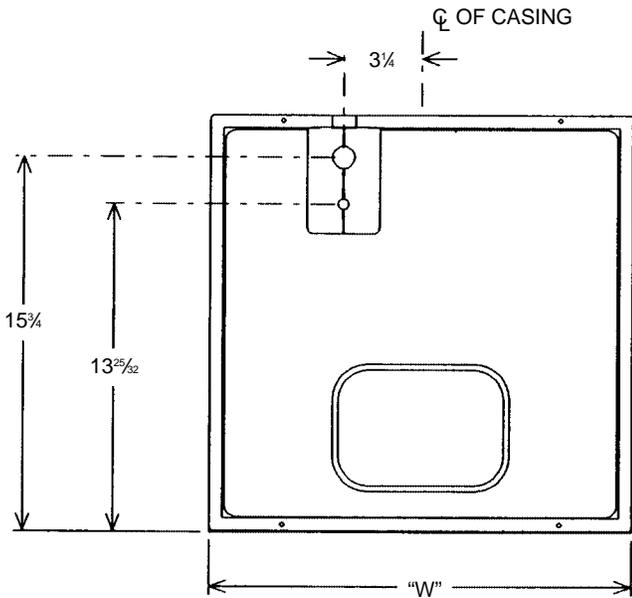
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**SEE UNIT DIMENSIONS & WEIGHT CHART  
SHEET 3 FOR "W" & "X"**

SEE UNIT DIMENSIONS & WEIGHT CHART SHEET 3 FOR "W" & "X"

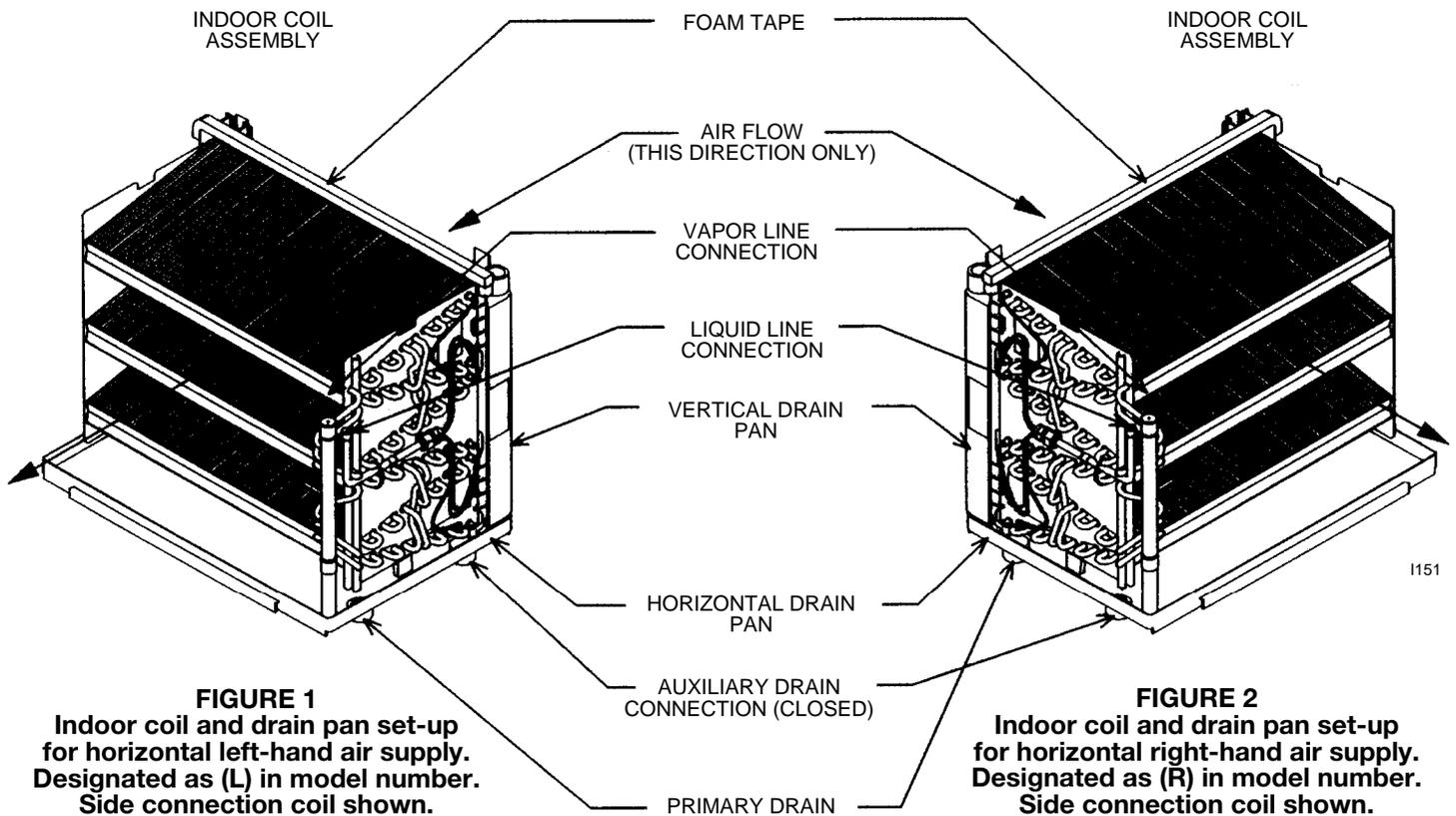


SEE UNIT DIMENSIONS & WEIGHT CHART SHEET 3 FOR "W" & "X"

Front Connection  
Designated as (G) in model number.

I235

### HORIZONTAL APPLICATIONS



I151

**FIGURE 1**  
Indoor coil and drain pan set-up for horizontal left-hand air supply. Designated as (L) in model number. Side connection coil shown.

**FIGURE 2**  
Indoor coil and drain pan set-up for horizontal right-hand air supply. Designated as (R) in model number. Side connection coil shown.

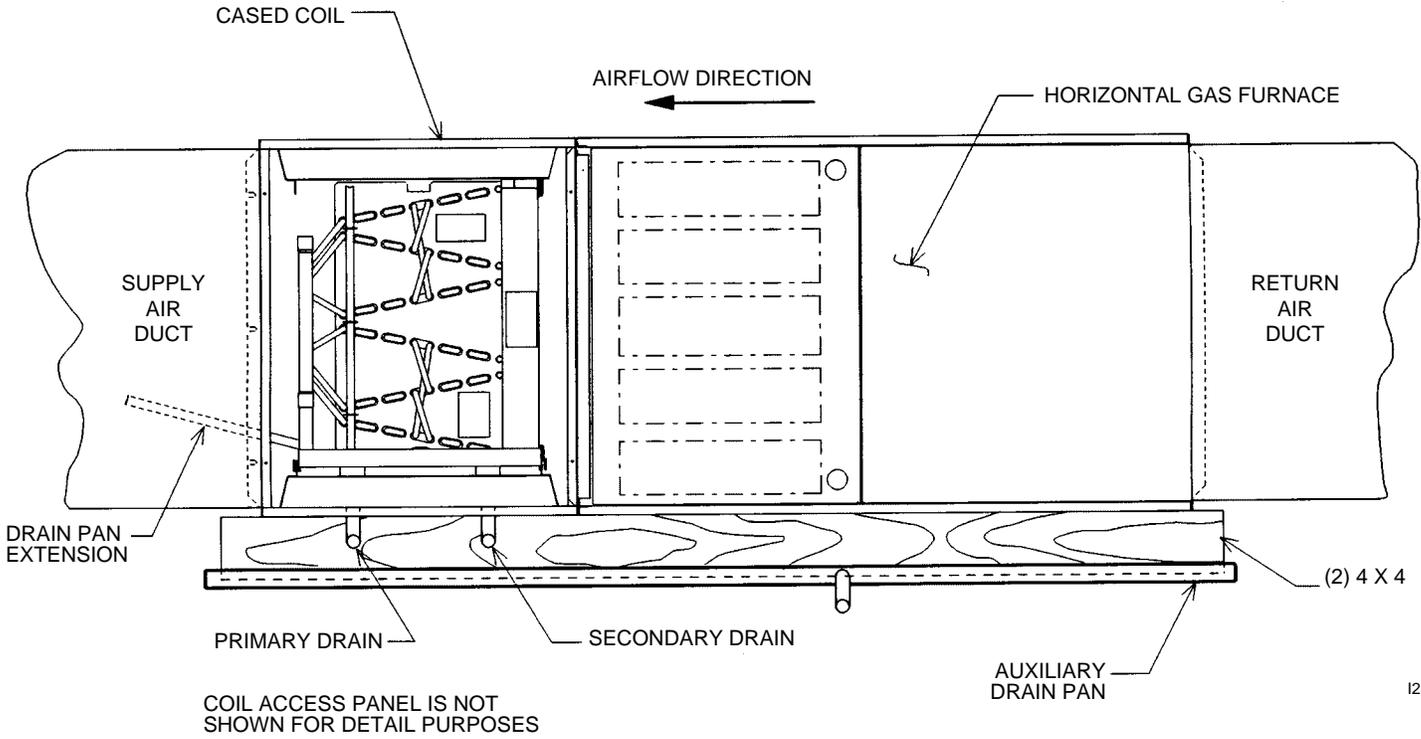
**\*Foam Tape**

Foam tape is factory installed on the sides of the vertical drain pan if the coil is provided in a coil casing. Foam tape is shipped loose with uncased coils.

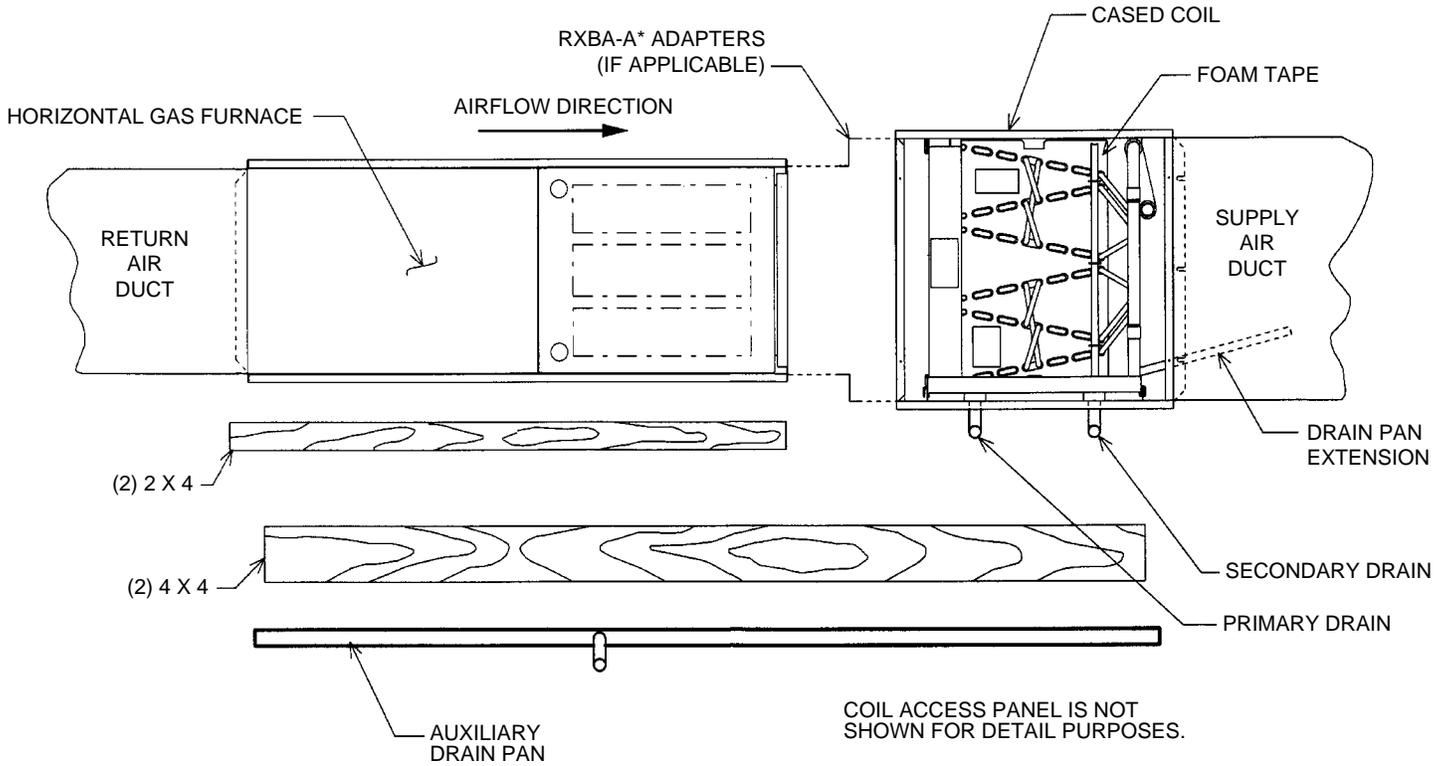
If uncased coil is installed vertical in a coil casing or air handler, install the foam tape on the sides of the vertical drain pan. If installed horizontal, **DO NOT** install foam tape on the side of the vertical drain pan that fits into the horizontal drain pan. Remove foam tape, if already attached, from the side of the vertical drain pan that fits into the horizontal drain pan.

If coil, vertical or horizontal, is installed in coil casing or air handler with optional "Florida Insulation," **DO NOT** install foam tape on either side of the vertical drain pan.

**NOTE: FIGURES 3 & 4 SHOW CONFIGURATIONS WITH UPFLOW/HORIZONTAL AND HORIZONTAL "ONLY" MODEL GAS FURNACES. FOR SPECIFICS ON CONFIGURING THE COIL CASING WITH DOWNFLOW/HORIZONTAL GAS FURNACES SEE FIGURE 5.**



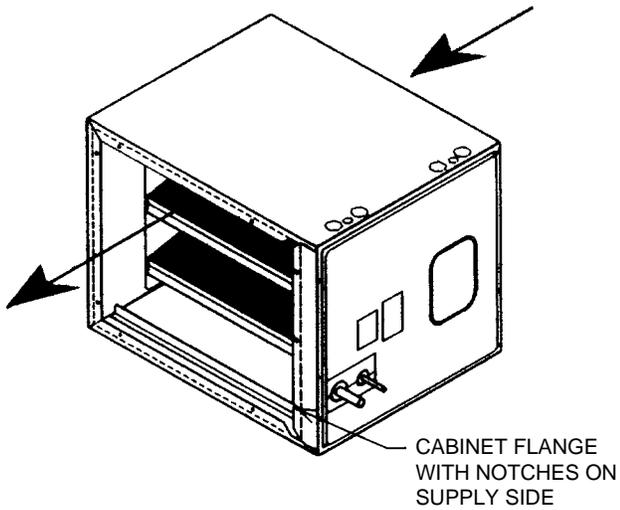
**FIGURE 3. LEFT-HAND AIR SUPPLY (SIDE CONNECTION COIL SHOWN)**



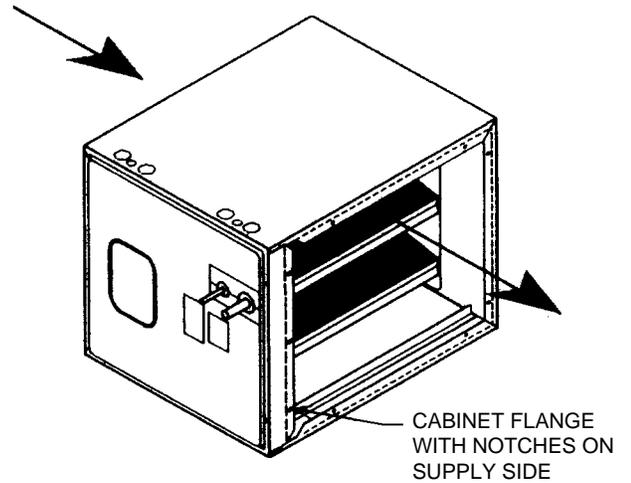
**FIGURE 4. RIGHT-HAND AIR SUPPLY (FRONT CONNECTION COIL SHOWN)**

**\*NOTE: RXBA-AC ADAPTERS USED WITH UPFLOW/HORIZONTAL AND HORIZONTAL ONLY FURNACES. RXBA-AD ADAPTERS USED WITH DOWNFLOW/HORIZONTAL FURNACES.**

**FIGURE 5. UPFLOW/HORIZONTAL AND HORIZONTAL ONLY GAS FURNACE**



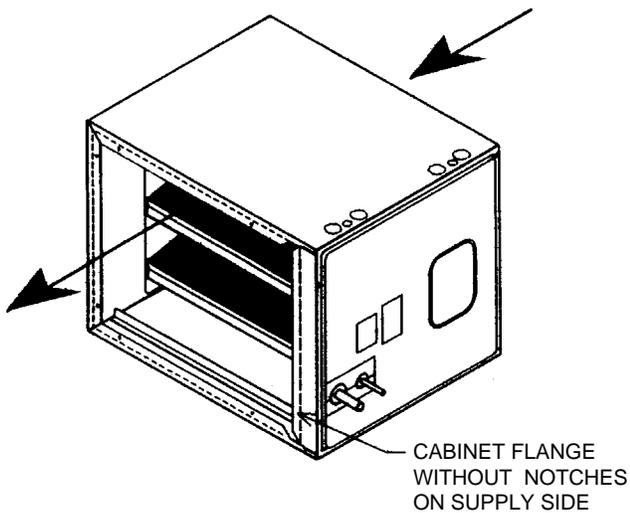
**HORIZONTAL  
LEFT HAND SUPPLY**



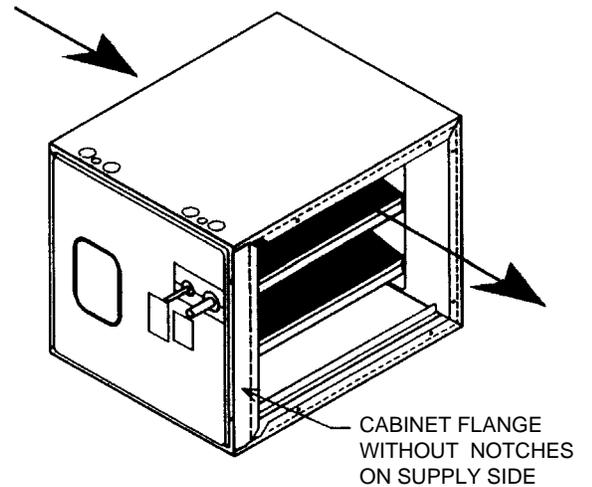
**HORIZONTAL  
RIGHT HAND SUPPLY**

NOTE: SCENARIOS FOR CONFIGURING THE CASED COIL WITH A DOWNFLOW / HORIZONTAL GAS FURNACE (BELOW) ARE ACCOMPLISHED BY REMOVING THE ACCESS DOOR, REMOVING THE COIL AND ROTATING THE CASING 180± THEN REINSERTING THE COIL AND REPLACING THE ACCESS DOOR.

**FIGURE 6. DOWNFLOW/HORIZONTAL GAS FURNACE**



**HORIZONTAL  
LEFT HAND SUPPLY**



**HORIZONTAL  
RIGHT HAND SUPPLY**

## CASED COIL APPLICATION

Coil can be matched to heating products as listed in table below.

NO. OF COIL SLABS	COIL PLENUM WIDTH	GAS FURNACE 78/80% UPFLOW, DOWNFLOW & HORIZONTAL MODELS						GAS FURNACE 34" 90 PLUS UPFLOW, DOWNFLOW & HORIZONTAL CONDENSING MODELS						OIL FURNACE 80 PLUS UPFLOW, DOWNFLOW & HORIZONTAL MODELS								
		05E	07E	10A	07G	10B	12	15	04EM	06EM	07EM	07EY	09EZ	10EZ	12ER	056	067	084	095	112	130	150
4	14	A																				
4	17.5		A&B	A&B	A&B				A&B	A&B	A&B											
4	21											A&C	A&C	A&C		A&C	A&C					
6	17.5	E	A	A	A				A	A	A											
6	21					A&B						A&B	A&B	A&B		A	A					
6	24.5						A&C	A&C							A&C			A	A	A		
8	21				E	A						A	A	A		A	A					
8	24.5						A&B	A&B							A&B			A&B	A&B	A&B		
10	24.5					E	A	A							A			A	A	A	D	D
FURNACE WIDTH IN. [mm]		14 [355.6]	17.5 [444.5]			21 [533.4]	24.5 [622.5]		17.5 [444.5]			21 [533.4]			24.5 [622.3]	21 [533.4]	24.5 [622.3]			28 [711.2]		

### NOTES: SHADED AREAS INDICATE FLUSH FIT APPLICATIONS

- A – Upflow/Downflow/Horizontal Application. Horizontal application requires factory installed horizontal drain pan or field installed horizontal drain pan accessory RXBD-DA. (One pan fits all.)
- B – Upflow/Downflow/Horizontal Application. Requires use of RXBA-AA internal coupler accessory designated by "B" (with adapter) in coil model number.
- C – Upflow/Downflow/Horizontal Application. Requires use of RXBA-AB internal coupler accessory designated by "B" (with adapter) in coil model number.
- D – Requires plenum adapter accessory RXBA-AE (Upflow application only).
- E – Upflow, Upflow/Horizontal and Horizontal "Only" application requires external plenum adapter accessory RXBA-AC. Downflow/Horizontal application requires external plenum adapter accessory RXBA-AD.

[ ] Designates Metric Conversions

## UNCASED COIL APPLICATION

Coil can be matched to products as listed in table below.

COIL MODEL NUMBER	Electric Furnace Heat Pump Air Handler ①			
	14	17	21	24
RC(-)A-24**A	X			
RC(-)A-36/37**A		X		
RC(-)A-48**A			X	
RC(-)A-60**A				X
CABINET WIDTH	14"	17-1/2"	21"	24-1/2"

NOTES: Requires horizontal drain pan accessory (RXBD-CA) for horizontal applications.

① Requires coil code A (without coil - with plenum) in unit model number.

- (-) = Coil Type
- B = Flowcheck (Cooling/Heat Pump)
- G = Expansion Valve (Cooling Only)
- H = Expansion Valve (Heat Pump Only)

COIL MODEL NUMBER	Electric Furnace Heat Pump Air Handler ①					
	17		21		24/25	
	(-)BHB-	(-)BHJ-	(-)BHB-	(-)BHJ-	(-)BHB-	(-)BHJ-
RCGJ-24A1	X	X				
RCHJ-24A1	X	X				
RCGJ-24A2	X	X				
RCH*-24A2	X	X				
RCGJ-36A1			X	X		
RCH*-36A1			X	X		
RCGJ-36A2			X	X		
RCH*-36A2			X	X		
RCGJ-60A2					X	X
RCHJ-48A2					X	X
RCHJ-60A1					X	X
RCGJ-48A1					X	X
RCH*-48A1/A2					X	X
RCGJ-60A1					X	X
RCHL-60A1						
CABINET WIDTH	17 1/2"		21"		24-1/2"	

## INDOOR COIL AIRFLOW PRESSURE DROP

Cased Coil Width - Inches		14"		17½"		21"		24½"	
No. of Coil Slabs		4		6		8		10	
Coil Cooling Size		-018, -024		-018*, -024*, -030, -036		-030*, -036*, -042, -048		-042*, -048*, -060*, -060	
Coil Position (Airflow)		Up	Down	Up	Down	Up	Down	Up	Down
		Air Flow C.F.M.							
Static Pressure Drop Across Wet Cooling Coil in W.C.	ΔP								
	.05"	578	521	752	673	895	764	1005	885
	.10"	889	827	1113	977	1299	1103	1559	1308
	.15"	1158	977	1416	1244	1641	1386	1939	1605
	.20"	1346	1149	1647	1413	1960	1637	2271	1883
	.25"	1546	1271	1876	1633	2187	1826	2552	2134
	.30"	1665	1401	2065	1784	2429	2013	2890	2365

Air pressure drop for horizontal airflow is the same as that shown for upflow.

\* RCGJ Coils and RCHJ coils. For RCGJ-61, RCHJ-51 and RCHJ-61 double the static pressure drop shown for 10 slab coil.

**!** Recognize this symbol as an indication of Important Safety Information!

## I. INSPECTION

### ⚠ WARNING

**PROPOSITION 65: THIS APPLIANCE CONTAINS FIBER-GLASS INSULATION. RESPIRABLE PARTICLES OF FIBER-GLASS ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.**

Immediately upon receipt, all cartons, and contents should be inspected for transit damage. Units with damaged cartons should be opened immediately. If damage is found, it should be noted on the delivery papers and a damage claim filed with the last carrier.

- After unit has been delivered to job sight, remove carton taking care not to damage unit.
- Check the unit rating plate to be sure equipment matches what is required for the job specification.
- Read the entire instructions before starting the installation. This is particularly important if this is the first installation for this specific model series.
- Many installation steps done prior to setting the unit in place can save time and simplify the installation. Note the knock-outs for refrigerant lines and condensate drain(s).

### ⚠ CAUTION

- **Do not remove cabinet knockouts until it has been established which require removal. This is dependent on application and in some cases preference. Removal of knockouts which are not required can cause property damage.**

## II. GENERAL INFORMATION CODES/REGULATIONS

Units should be installed in accordance with any local code which may apply and the national codes. Latest editions are available from: "National Fire Protection Association, Inc., Batterymarch Park, Quincy, MA 02269." These publications are:

- ANSI/NFPA No. 70-1990 (NEC) National Electrical Code.
- NFPA90A Installation of Air conditioning and Ventilating Systems.
- NFPA90B Installation of Warm Air Heating and Air Conditioning Systems.

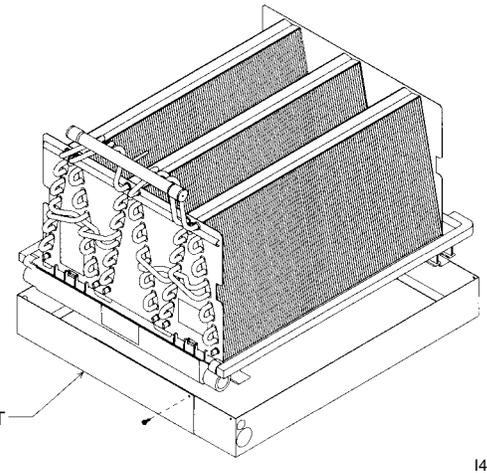
## REPLACEMENT PARTS

Any replacement part used to replace parts originally supplied on equipment must be the same as or an approved alternate to the original part supplied. The manufacturer will not be responsible for replacement parts not designed to physically fit or operate within the design parameters the original parts were selected for.

When ordering replacement parts, it is necessary to order by part number and include the complete model number and serial number from the unit rating plate. (See parts list for unit component part numbers.)

## III. INSTALLATION COIL SUPPORT FRAME

To prevent air bypass around the coil drain pan, coil support frames are provided standard with each uncased coil.



1423

**FIGURE 7**

**IMPORTANT: Use the coil support frames in applications WITHOUT standard coil casings only. DO NOT USE the frames when coils are installed in standard coil casings. Refer to Figure 7.**

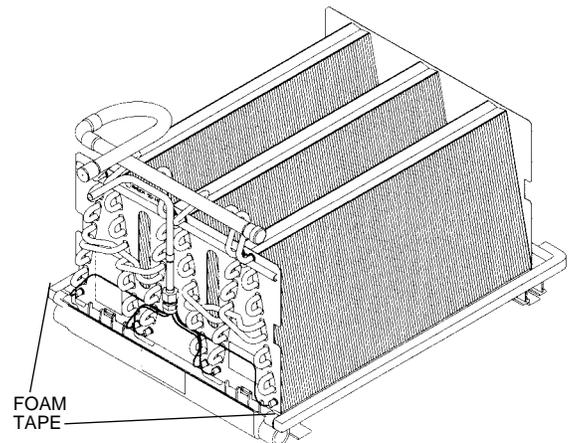
Additional frames can be ordered through the manufacturer's Parts Department.

## VERTICAL UPFLOW/DOWNFLOW

Units installed in the upflow position on gas or oil furnaces require the bottom flanges on the coil casing to be bent up with duct pliers. Units installed in the downflow position require the top flanges on the coil casing to be bent up with duct pliers.

- Drain connections can be made from either the left or right side of the unit. (See unit dimensions).
- Coil drain pan must be located under indoor coil.

**IMPORTANT: INDOOR COIL CASINGS WITH POLYMER, HEAT RESISTANT, DRAIN PANS HAVE BEEN TESTED ABOVE GAS AND OIL FURNACES IN COIL CASINGS ONLY AS SHOWN IN THE INSTALLATION INSTRUCTIONS. STANDARD COIL CASINGS PROVIDE 2" CLEARANCE BETWEEN THE TOP OF THE FURNACE AND THE BOTTOM OF THE MOUNTING FEET ON THE DRAIN PAN. CAUTION SHOULD BE USED IN APPLYING COILS WITH LESS CLEARANCE AND APPLICATIONS ON FURNACES NOT LISTED IN THIS MANUAL, DAMAGE TO THE DRAIN PAN COULD RESULT. HEAT DAMAGE TO THE DRAIN PAN CAN OCCUR IN ANY APPLICATION WITH FAILURE OF BOTH THE INDOOR BLOWER MOTOR AND SAFETY LIMIT CONTROL.**



1345

**FIGURE 8**

**IMPORTANT: INSTALL THE FOAM TAPE, SHIPPED WITH THE COILS, ALONG THE EDGES OF THE DRAIN PAN ON BOTH SIDES AS SHOWN IN FIGURE 8. WITHOUT THE TAPE IN PLACE THE COIL MAY FALL FROM THE SUPPORT RAILS AND DAMAGE THE COIL.**

## HORIZONTAL

Units installed in the horizontal position with gas or oil furnaces require the top flanges on the coil casing to be bent up with duct pliers.

**IMPORTANT: Primary and auxiliary drain connections exchange positions on opposite sides of cabinet for horizontal right vs. horizontal left air supply. Do not interchange connections.**

**IMPORTANT: Coils cannot be installed horizontally laying on or suspended from the back of the unit. Horizontal units must be supported or suspended from one side or the other when in the horizontal position.**

## REFRIGERANT CONNECTIONS

Keep coil connections sealed until refrigerant connections are to be made. See outdoor unit manual for details on line sizing, tubing installation, evacuation and charging information.

**IMPORTANT: Install refrigerant tubing such that it does not block service access to front of unit. Filter (if installed), or coil removal and access require 24 in. clearances.**

### FRONT CONNECTION COILS

- Refrigerant connections can be made from the front of the coil.
- Use a brazing shield to protect cabinet paint from being damaged from torch flame.

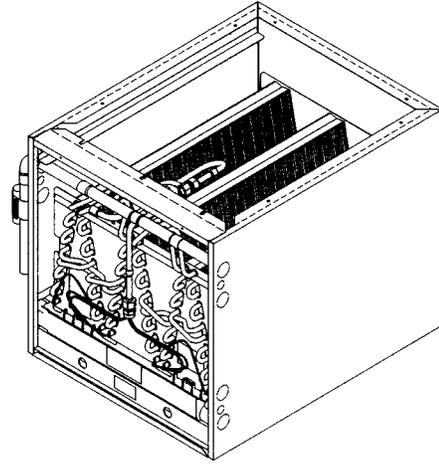
### SIDE CONNECTION COILS

**IMPORTANT: When making refrigerant connections inside coil casing, use extreme care to protect plastic drain pan(s) from torch flame and dripping braze material. Use a sheet metal baffle to protect drain pan(s) during brazing.**

- When making braze connections close to outside of cabinet, use a brazing shield to protect cabinet paint from being damaged from torch flame.
- Removal of cabinet knockouts required for liquid and vapor line connections may be made easier with the indoor coil assembly removed from the casing.
- On vertical units, refrigerant connections can be made from either side of unit. On horizontal units, refrigerant connections must be made on top (horizontal position) of unit. See unit dimensions and unit position figures.
- The vapor header is open on one or both ends of the header depending upon model. A copper street elbow is provided for installation on the appropriate end (if not factory installed). Use the following guidelines and Figure 9 when installing street elbow:

**NOTE: For maximum performance on side connection coils, mount the expansion valve bulb to the exterior of the cabinet as shown in Figure 9. If space does not allow the bulb to be mounted outside the cabinet, mount it securely to the copper street elbow.**

3. Place the expansion valve bulb through the knockout in the cabinet.
4. Solder the street elbow in desired side of the vapor header.
5. Securely clamp the TXV bulb to the vapor line.
6. Insulate the TXV bulb and vapor line with the black mastic provided in the parts bag.



**FIGURE 9**

- If horizontal coil airflow direction is changed in the field, or a horizontal pan is added to convert vertical units to horizontal, it is necessary to change closed end extension tube on header or install closed end extension tube on the unused end of header before reinstalling or installing horizontal drain pan. This is important to prevent damage to the pan while soldering closed end extension tube.
- To change the liquid line connection to the opposite side, if required, use backup wrench to hold flowcheck distributor body while loosening tubing nut holding 3/8" line with a second wrench. Loosen enough to turn liquid line assembly to opposite side of unit. Tighten nut to distributor body with liquid line assembly in a new location (lined up with the cabinet knockout).
- The indoor coil must be installed in the casing before vapor street elbow and liquid line connections can be brazed to the indoor coil. Street elbow should be brazed to header with connection pointed in the most convenient direction to make vapor line connection.
- If the installation is in a tight location, it might be convenient to make some external tubing connections before setting cased coil in place.

## FLOWCHECK PISTONS

- Indoor coil piston size is indicated by the two digits underscored in the indoor coil model number.

**IMPORTANT: It is imperative that the proper piston sizes be used dependent on indoor coil, outdoor unit combination and application.**

## CONDENSATE DRAIN TUBING

Consult local codes or ordinances for specific requirements that may apply.

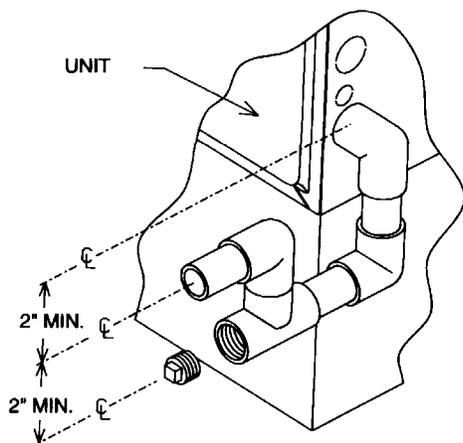
### **▲ CAUTION**

**ALL DRAIN CONNECTIONS ON VERTICAL DRAIN PANS HAVE A PLASTIC WEB COVERING OPENING WHICH MUST**

1. Do not solder street elbow with TXV bulb clamped to it.
2. Remove TXV bulb from the copper street elbow.

**BE KNOCKED OUT BEFORE CONNECTION(S) ARE MADE. KNOCK OUT ONLY CONNECTION(S) TO BE USED. KNOCKING OUT PLASTIC WEBS ON UNUSED DRAIN CONNECTIONS CAN CAUSE CONDENSATE TO FLOW OUT THE HOLES RESULTING IN PROPERTY DAMAGE.**

- Vertical coils are supplied with a 3/4" female pipe thread primary drain connection and a 1/4" female pipe thread auxiliary drain connection. Connections can be made to either side of unit. (See unit dimensions and position figures for drain locations).
- Horizontal coils are supplied with a 3/4" female pipe thread primary drain connection and a 3/4" female pipe thread auxiliary drain connection. Connections must be made on the bottom (horizontal position) of the unit. (See unit dimensions and position figures for drain locations).



**FIGURE 10**

**IMPORTANT: On horizontal units, primary drain connection is open (no web) 3/4" connection flush with bottom inside of pan. Auxiliary connection is raised 1/4" above bottom of inside of pan. Plastic web covering 3/4" auxiliary connection must be knocked out if used. Do not get primary and auxiliary connections interchanged.**

- Removal of cabinet knockouts required for drain connections can be made much easier with the indoor coil assembly removed from the cabinet.
- Install drain lines so they do not block service access to front of unit. Filter (if installed), or coil removal and service access require 24 in. clearance.
- Make sure unit is level or pitched slightly toward primary drain connection so that drain pan will drain completely without water standing in pan.

**A 3/4" PVC street elbow is provided for making drain connection. When making drain fitting connections to drain pan, use a thin layer of teflon paste, silicone or teflon tape and install hand tight.**

**IMPORTANT: When making drain fitting connections to drain pan, DO NOT OVERTORQUE. Overtorquing fittings can split pipe connections on drain pan.**

- Do not reduce drain line size less than connections size provided on condensate drain pan.
- All drain lines must be pitched downward away from the unit a minimum of 1/8" per foot of line to ensure proper drainage.
- Do not connect condensate drain line to a closed or open sewer pipe. Run condensate to an open drain or outdoors.

- The drain line should be insulated where necessary to prevent sweating and damage due to condensate forming on the outside surface of the line.
- Make provisions for disconnecting and cleaning of the primary drain line should it become necessary. Install a 2 in. trap in the primary drain line as close to the unit as possible. Make sure that the top of the trap is below connection to the drain pan to allow complete drainage of pan. (See Figure 9.)

**IMPORTANT: When installing indoor coil with an electric furnace or heat pump air handler, do not operate unit without a drain trap. The condensate drain is on the negative side of the blower, therefore, air being pulled in through the condensate line will prevent positive drainage without a proper trap.**

- Auxiliary drain if used should be run to a place where it will be noticeable if it becomes operational. Occupant should be warned that a problem exists if water should begin running from the auxiliary drain line.
- Test condensate drain pan and drain line after installation is complete. Pour several quarts of water into drain pan, enough to fill drain trap and line. Check to make sure drain pan is draining completely, no leaks are found in drain line fittings, and water is draining from the termination of the primary drain line.

## IV. MAINTENANCE

For continuing high performance and to minimize possible equipment failure, it is essential that periodic maintenance be performed on this equipment. Consult your local dealer as to the proper frequency of maintenance and the availability of a maintenance contract.

### AIR FILTER

Check the system filter every ninety days or as often as found to be necessary and if obstructed, clean or replace at once.

**IMPORTANT:** Do not operate the system without a filter in place.

### INDOOR COIL - DRAIN PAN - DRAIN LINE

Inspect the indoor coil once each year for cleanliness and clean as necessary. In some cases, it may be necessary to remove the filter and check the return side of the coil with a mirror and flashlight.

- Generally, the coil can be easily cleaned when it is dry. If the coil is coated with dirt or lint, blow compressed air or nitrogen through the supply air side of the coil fins blowing dirt or lint from the return air side of the coil onto the filter or cardboard placed between filter and coil. Be sure lint and dirt is removed from the filter and return air system.
- If the coil is coated with oil or grease, clean it with a mild automatic dishwasher detergent and water solution. Rinse the coil thoroughly with clear water. Be careful not to splash water excessively into unit and system.
- Inspect the drain pan and condensate drain at the same time the cooling coil is checked. Clean the drain pan and condensate drain by removing any foreign matter from the pan. Flush the pan and drain tube with clear water.
- If the drain tube is restricted, it can generally be cleaned with high pressure water. Remove the drain line from the unit away from the pan and coil to clear the drain line.

**IMPORTANT: Do not use caustic household drain cleaners in the condensate pan or near the indoor coil. Drain cleaners will quickly damage the indoor coil.**

## V. ACCESSORIES

### INTERNAL COUPLER ACCESSORY RXBA-AA AND RXBA-AB

This internal coupler accessory is for installation in cased indoor cooling and heat pump coils. This allows a nominal size coil to be installed in the next larger size casing to be used on a gas or oil furnace. **NOTE: This accessory is for installation in coil casings to fit gas or oil furnaces only - this accessory must not be used on electric furnaces or heat pump air handlers.** Consult the installation instructions packaged with the accessory for proper installation. This accessory can be ordered factory installed by designation of casing width in the coil model number.

### PLENUM ADAPTER ACCESSORY RXBA-AC AND RXBA-AD

This plenum adapter accessory is for installation on cased indoor cooling and heat pump coils. This allows a nominal size cased coil to be installed on the next smaller size gas or oil furnace. **NOTE: This accessory is for installation on coil casings to fit gas or oil furnaces only - this accessory must not be used on electric furnaces or heat pump air handlers.** Consult the installation instructions packaged with the accessory for proper installation. The RXBA-AC (upflow) can be ordered factory installed by designation as "with adapters" in the coil model number.

### PLENUM ADAPTER ACCESSORY RXBA-AE

This plenum adapter accessory is for use with the 24-1/2" wide cased indoor cooling and heat pump coils. This allows a 24-1/2" wide cased coil to be installed on a 28" wide oil furnace. This is a field installed accessory only.

### HORIZONTAL DRAIN PAN KIT

Vertical upflow/downflow coils can be converted to use in the horizontal application with the installation of the appropriate accessory as shown below. Consult the installation instructions packaged with the accessory for proper installation.

**Conversion to Horizontal:** A vertical upflow or vertical downflow unit may be converted to horizontal by removing the indoor coil and installing horizontal drain pan accessory as shown for left hand (Figure 1) or right hand air supply (Figure 2). **NOTE:** The foam tape on the side of the vertical pan to which the horizontal pan is connected must be removed. Remove the tape on this side only. See Figures 1 and 2. Reinstall coil in unit as shown in Figures 1 and 2.

**Conversion in Horizontal Direction:** Horizontal right hand supply can be changed to horizontal left hand supply or vice versa by removing the indoor coil and installing the drain pan accessory as shown in Figure 1 or 2 for appropriate air supply direction. Foam tape must be moved to the appropriate side. See Figures 1 and 2.

#### **▲ CAUTION**

**Horizontal applications must be configured for right hand air supply or left hand air supply. Horizontal pan must be located under indoor coil. Failure to place a pan under the coil can result in property damage.**

- Install horizontal drain pan accessory as shown in Figure 1 or 2 for right hand or left hand supply. Drain pan connections must be toward the front of the coil (header connection end). Install coil assembly into horizontal drain pan as shown with coil endplates fitting into "V" shaped supports in the front and back of the horizontal pan. Mounting tabs on vertical drain pan fit over the air inlet side of the horizontal pan with vertical pan inside horizontal drain pan. Horizontal pan must be under indoor coil when in the installed position. Note primary and auxiliary drain pan connections for horizontal right vs. horizontal left. Drain connection flush with inside bottom of pan must be connected to primary drain. Connection raised above inside bottom of pan is the auxiliary drain connection.

### RXBD-CA

This accessory is for installation in cased indoor cooling and heat pump coils to convert them for horizontal application when installed with an electric furnace or heat pump air handler only. This kit must not be used on gas or oil furnaces.

### RXBD-DA

This accessory is for installation in cased indoor cooling and heat pump coils to convert them for horizontal application when installed with a gas or oil furnace. **DO NOT USE this kit on electric furnaces or air handlers.**