CAHZCOIL408A00
CAHZCOIL412A00
CAHZCOIL208A00
CAHZCOIL212A00
CAVTCOIL408A00
CAVTCOIL412A00
CAVTCOIL208A00
CAVTCOIL212A00

DIRECT–EXPANSION HORIZONTAL AND VERTICAL EVAPORATOR COILS

Installation Instructions

IMPORTANT: Read these instructions completely before attempting to install this accessory.

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SAFETY CONSIDERATIONS

Installation, start-up and servicing of this equipment can be hazardous due to system pressures, electrical components and equipment location (roofs, elevated structures, etc.)

Untrained personnel can perform the basic maintenance functions. All other operations should be performed by trained service personnel. When working on air-conditioning equipment, observe precautions in the literature, tags and labels attached to the unit, and other safety precautions that may apply.

Follow all safety codes. Wear safety glasses and work gloves.

Recognize safety information. This is the safety-alert symbol ⚠. When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury.

Understand the signal words DANGER, WARNING, and CAUTION. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which **will** result in severe personal injury or death. WARNING signifies a hazard which **could** result in personal injury or death. CAUTION is used to identify unsafe practices which **may** result in minor personal injury or product and property damage. NOTE is used to highlight suggestions which **will** result in enhanced installation, reliability, or operation.

⚠ WARNING

ELECTRICAL SHOCK HAZARD

Failure to follow this warning could cause in personal injury or death.

Before performing service or maintenance operations on unit, always turn off main power switch to unit and install lockout tag. Unit may have more than one power switch.

⚠ WARNING

UNIT OPERATION AND SAFETY HAZARD

Failure to follow this warning could cause in personal injury,death and/or equipment damage.

R-410A refrigerant systems operate at higher pressures than standard R-22 systems. Do not use R-22 service equipment or components on R-410A refrigerant equipment.

⚠ WARNING

PERSONAL INJURY AND ENVIRONMENTAL HAZARD

Failure to follow this warning could cause in personal injury or death.

Adequate ventilation is required during any welding or brazing process; ensure that fumes do not migrate through ductwork to occupied areas.

Never pressurize equipment in excess of specified test pressures.

Relieve pressure and recover all refrigerant before system repair or final unit disposal.

Wear safety glasses and gloves when handling refrigerants. Keep torches and other ignition sources away from refrigerants and oils.

When welding or flame-cutting, contain sparks to protect adjacent flammable material. Have a fire-extinguisher available.

⚠ CAUTION

CUT HAZARD

Failure to follow this caution may result in personal injury.

Sheet metal parts may have sharp edges or burrs. Use care and wear appropriate protective clothing, safety glasses and gloves when handling parts and servicing these units.

⚠ CAUTION

UNIT DAMAGE HAZARD

Failure to follow this caution may result in equipment damage.

Make sure that furnaces installed are approved for twinning.

INTRODUCTION

These instructions apply to CAHZ and CAVT series direct-expansion evaporator coils. The cooling assemblies consist of the cooling coil, insulated coil housing, insulated condensate pan with external drain connection, internal suction line piping, thermostatic expansion valve, and a refrigerant distributor. See Table 1 for physical data; dimensions are shown in Figs. 1 through 4.

INSTALLATION

Ensure that furnace blowers have sufficient air handling capacity for the total air flow (cfm) required, as well as the resistance imposed by ductwork and cooling coil.

Complete Pre-Installation

UNPACKING

1. Remove the coils from the packaging; avoid damaging the coil fins.
2. Inspect the coils; file a claim with the shipping company if the coils are damaged.

MOVING

1. Lift the coils by the casing, never the pipe connections. See Table 1 for coil weights.
2. Avoid bending or mutilating the fins.

STORAGE (For More Than 2 Weeks) —

Storage surface should be level, rigid, free of debris, and dry.

Do not store coils in a heavy traffic area or on a vibrating surface.

When storing the coils outside in a heavy rain area, wrap the coils with a waterproof tarp or plastic sheet. Do not move the wrap or connection caps until you install the unit.

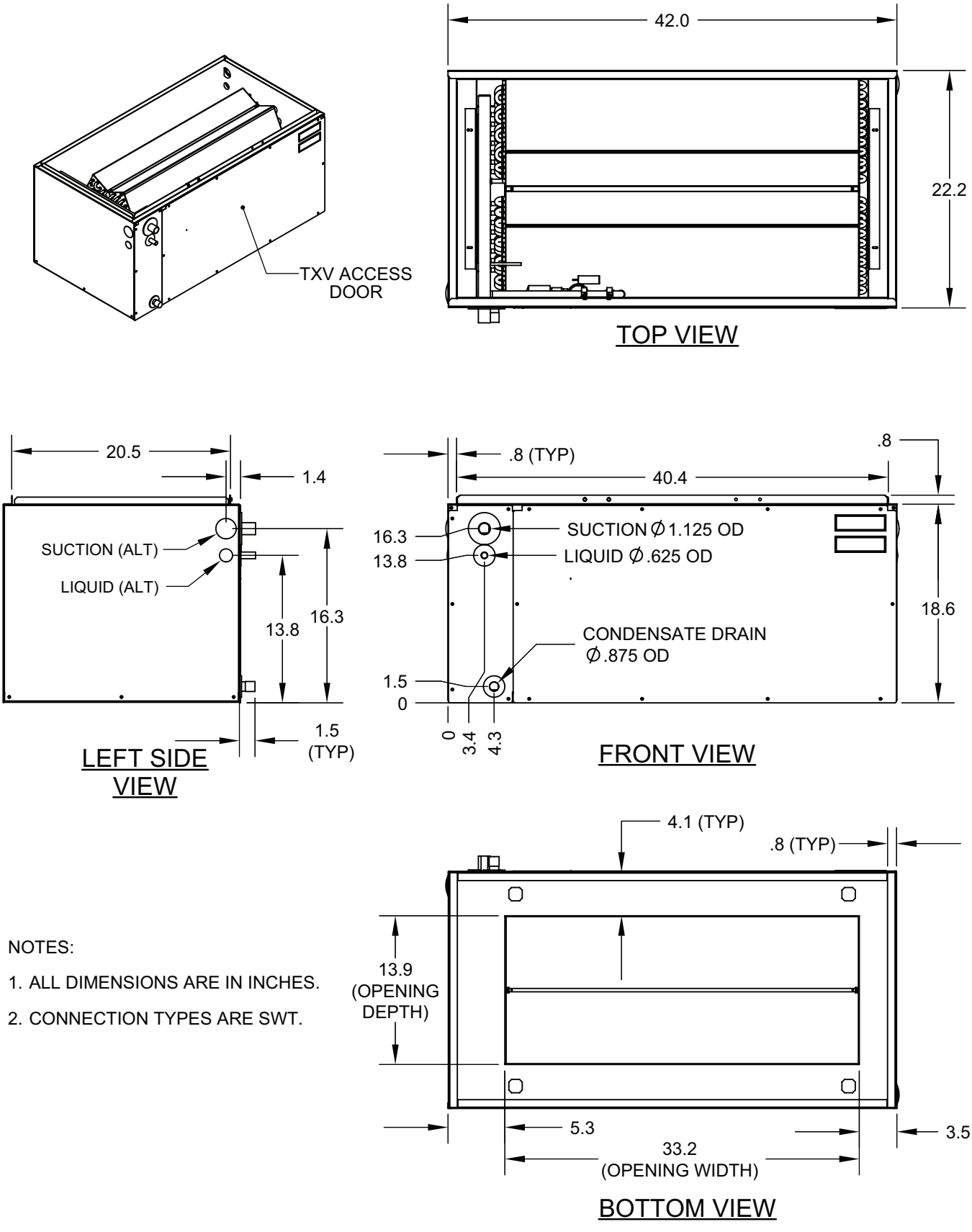
Table 1 – Physical Data

UNIT	CAVTCOIL4		CAVTCOIL2		CAHZCOIL4		CAHZCOIL2	
	08	12	08	12	08	12	08	12
OPERATING WT (lb)	156	202	156	202	168	222	168	222
REFRIGERANT	R-410A		R-22		R-410A		R-22	
DISTRIBUTION NOZZLE SIZE*	E5	J4	E6	J4	E5	E8	E6	E10
FACE AREA (sq ft)	7.3	9.2	7.3	9.2	6.7	10	6.7	10
ROWS...FINS/IN.	4...12				4...12			
NUMBER OF CIRCUITS	1	2	1	2	1	1	1	1
NUMBER OF TXV METERING DEVICES†	1	2	1	2	1	1	1	1
AIR QUANITY (Cfm) Nominal – Range‡ –	3000 2255-3335	4000 3000-4500	3000 2255-3335	4000 3000-4500	3000 2255-3335	4000 3000-4500	3000 2255-3335	4000 3000-4500

* Refrigerant control is factory installed.

† Factory installed.

‡ Air quantities in excess of values shown may result in moisture blow-off.

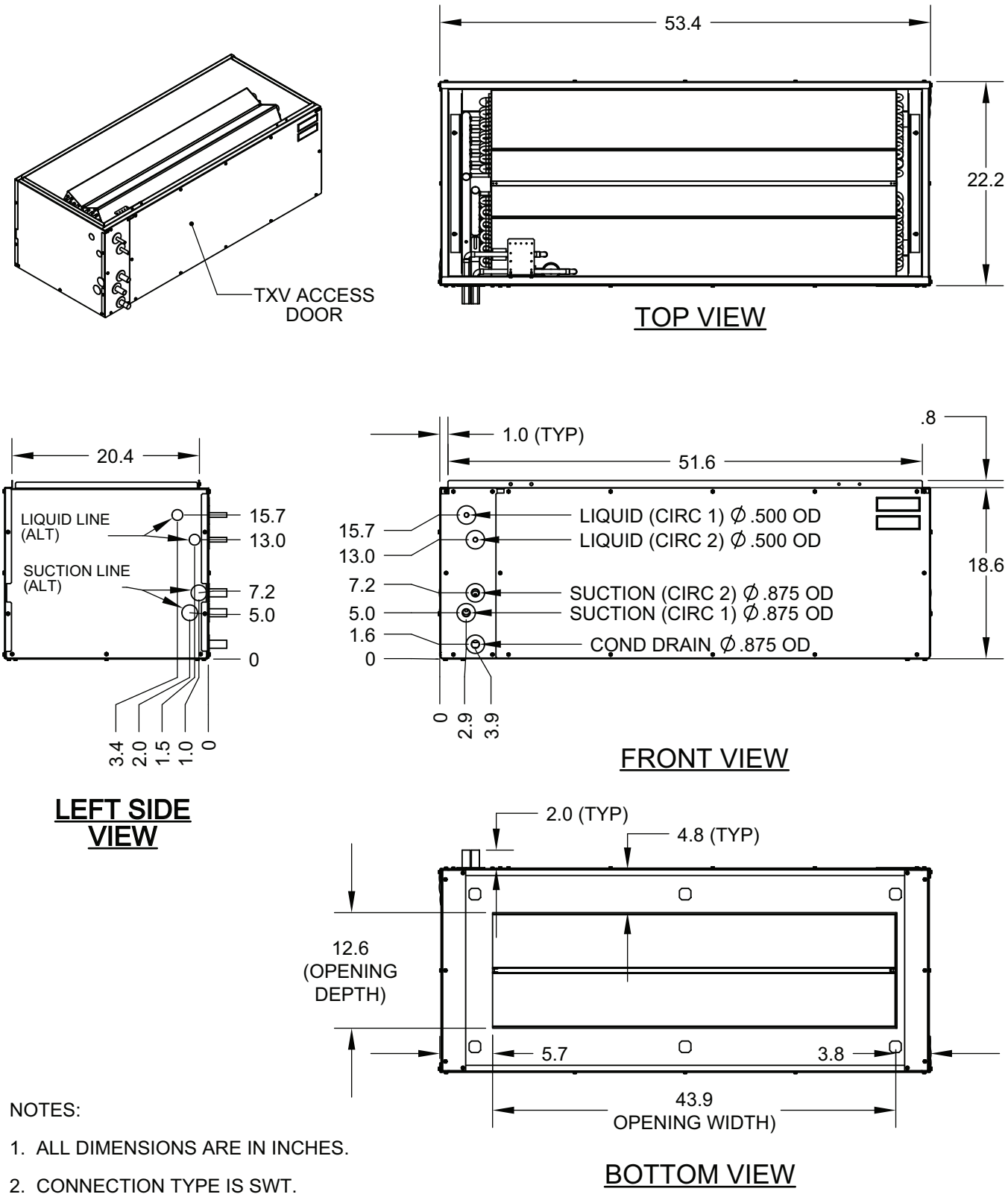


NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. CONNECTION TYPES ARE SWT.

C11310

Fig. 1 – CAVTCOIL*08 Unit Dimensions

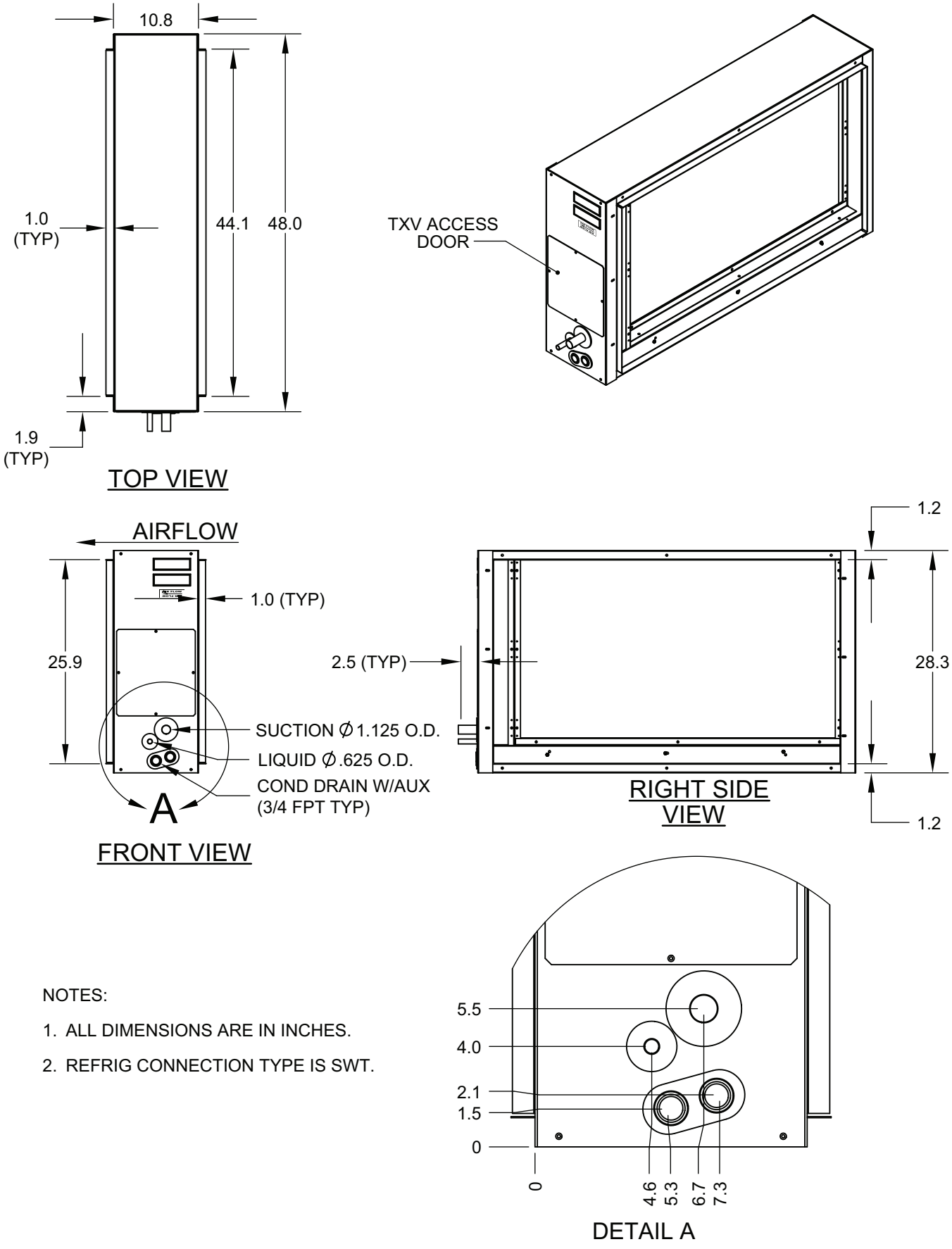


NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. CONNECTION TYPE IS SWT.

C11311

Fig. 2 – CAVTCOIL*12 Unit Dimensions

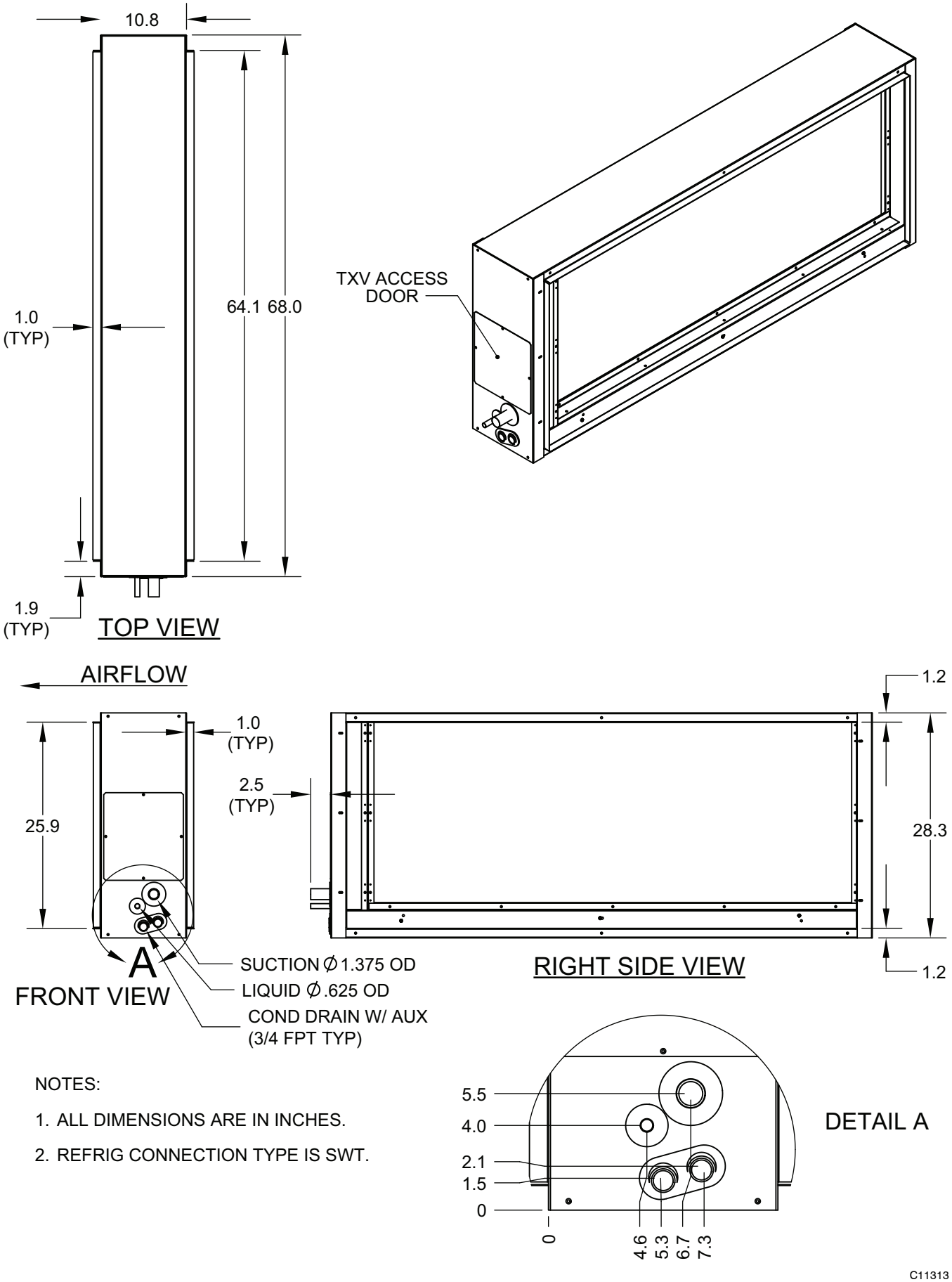


NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. REFRIG CONNECTION TYPE IS SWT.

C11312

Fig. 3 – CAHZCOIL*08 Unit Dimensions



NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. REFRIG CONNECTION TYPE IS SWT.

Fig. 4 – CAHZCOIL*12 Unit Dimensions

Direct Furnace-to-Coil Installation (CAVT series coils) —

As shown in Fig. 5, remove screws on top of each furnace and install the coil as follows:

1. Seal duct openings with a $^3/_4$-in. wide strip of heat resistant gasket ($^1/_8$-in. to $^1/_4$-in. thick) to prevent air leakage. See Fig. 5.

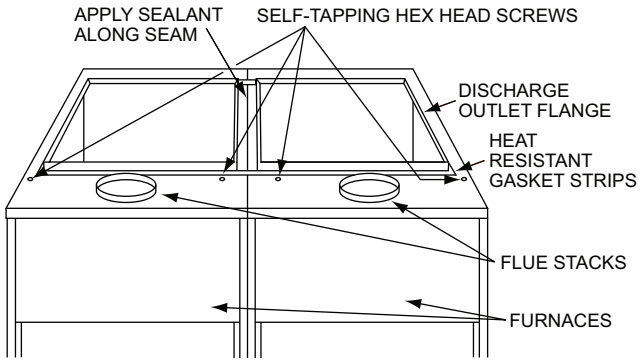
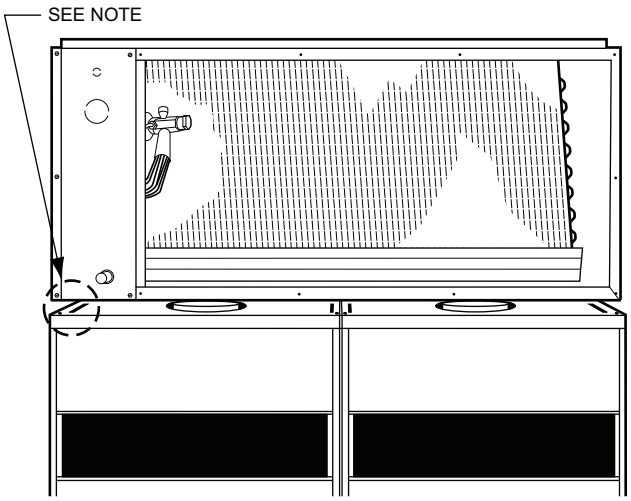


Fig. 5 - Top Surfaces of Factory-Approved Twinned Furnaces with Heat Resistant Gasket Strips and Sealant (Typical)

2. Position coil firmly and squarely on top of duplex furnaces as shown in Fig. 6.



NOTE: CAVT series coils have an equal overhang on both sides of the unit. The overhang distance varies depending on CAVT unit and furnace type used.

Fig. 6 - Panel Removed from CAVT Series Coil Installed on Factory-Approved Twinned Furnaces (CAVTCOIL*08 Shown)

Duct Transition Installation (CAVT series coils) —

Seal top edge between furnaces and gaskets as shown in Fig. 5 and install coil as follows:

1. Attach connection flange of duct transition piece outlet to coil casing inlet; secure with sheet metal screws.
2. Insulate duct transition piece with a minimum of 1-in. Fiberglass insulation; insulation should have a foil or vinyl vapor seal.
3. Remove hexhead screws on top of furnaces as shown in Fig. 5.
4. Position assembled coil and duct squarely on top of furnaces as shown in Fig. 6; secure furnace discharge flanges with sheet metal screws.
5. Seal all connections with duct tape.

Horizontal Furnace or Ductwork Installation (CAHZ series coils) —

Install CAHZ series coil directly on flanged outside section of horizontal furnace or downstream in horizontal ductwork. Locate in immediate furnace area or adjacent area. See Figs. 7 and 8 for typical installations.

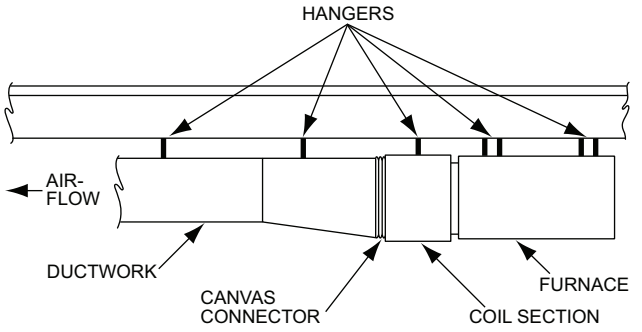


Fig. 7 - Typical Overhead Suspension CAHZCOIL Installation

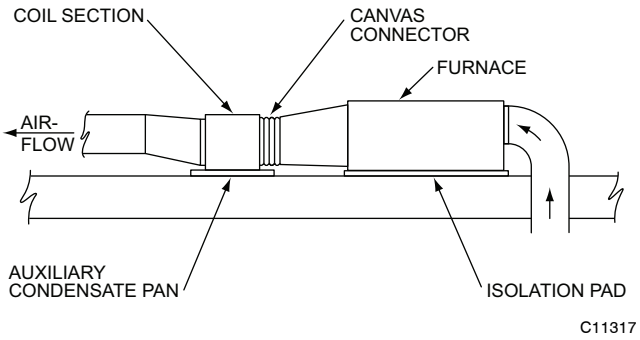


Fig. 8 - Typical Attic or Overhead Crawl Space CAHZCOIL Installation

REFRIGERANT PIPING

CAVT Series Coils

Thermostatic expansion valve (TXV), distributor, and nozzle are factory installed on CAVT series coils. Field fabricate liquid and suction piping through front access panel or knockouts on end panels of casing. Sweat connections to field piping. See Figs. 1 and 2 for connection sizes and locations.

CAHZ Series Coils

Refrigerant lines are designed for sweat connections on suction line and liquid line to thermostatic expansion valve. See Figs. 3 and 4 for connection sizes and locations.

⚠ CAUTION

UNIT PERFORMANCE HAZARD

Failure to follow this caution will result in equipment damage and inaccurate sensor readings.

Locate sensor bulb in a horizontal position from the 9:00 to 3:00 position or in a vertical position. Secure the bulb to the suction piping with straps and insulate. Ensure that sensor bulb is properly installed before operating system to avoid slugging or liquid to the compressor.

SUCTION LINE PIPING

1. Remove screws holding panels to front of unit and remove panels.
2. Set small access panel in place to ensure proper piping.
3. Determine location of sensing bulb with respect to suction line as shown in Fig. 9 and clean suction line at contact area.

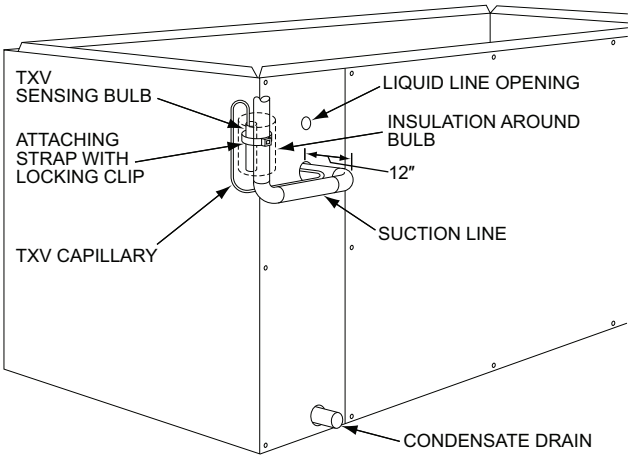


Fig. 9 – Recommended Suction Line and Sensing Bulb Installation for CAVT or CAHZ Coils

4. Attach TXV sensor bulb to suction line with straps.
5. Insulate suction line and TXV sensor bulb. Ensure that insulation extends to unit casing.

LIQUID LINE PIPING

1. Measure and install piping and elbows required for joining thermostatic expansion valve inlet port through access panel to the external liquid line.
2. Replace access panel and secure with screws.

CONDENSATE DRAIN PIPING

Units are designed to dispose of accumulated water through condensate drain connections located at front of coil casing. Sweat connection to metal tubing, or if flexible hose is used, secure with hose clamps. Install plugged tees at all turns to facilitate condensate drain cleaning. Provide a 3-in. trap to prevent spillover, as well as to prevent air leakage. Pitch drain line to open sump. See Fig. 10. Clean condensate drain trap yearly with brush and flush condensate pan with clean water. Ensure that the water flows freely through condensate drain.

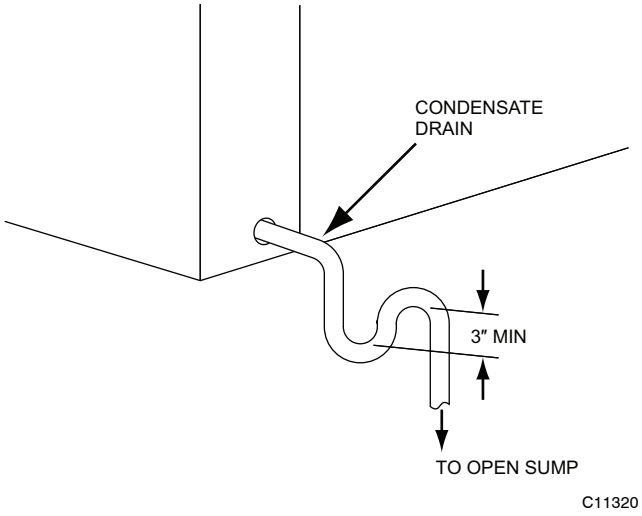


Fig. 10 – Condensate Drain Trap

START-UP

CAVT and CAHZ series coils are shipped with nitrogen holding charge. Refer to GTAC II manual, Module 4, System Dehydration for instructions on evacuating coil and piping prior to start-up. Refer to condensing unit instructions for operating charge and start-up procedure.

SERVICE

Coil service is normally not required when furnace filters are properly maintained.

Coil Removal —

Disconnect piping and remove access panels. Disconnect furnace flue pipes. Remove coil. See Fig. 11. Inspect coil periodically and clean with brush, vacuum cleaner, or low-pressure air.

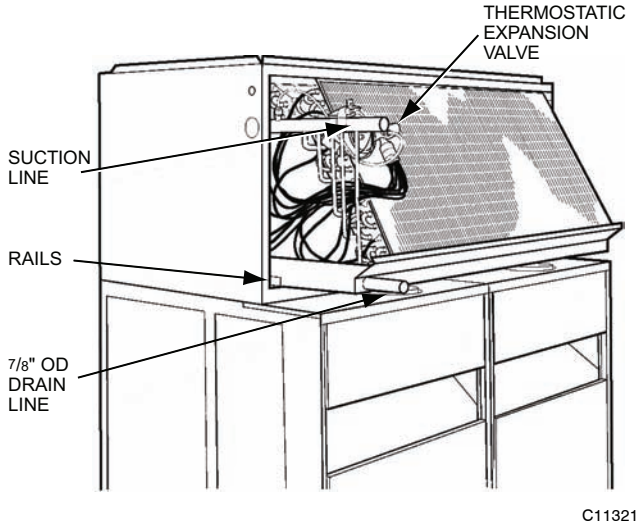


Fig. 11 – Coil Removal from Casing (CAVT Coil Shown)

Table 2 – Coil Pressure Drop (in WG) - Vertical Coils

Model	CFM	Pressure Drop
CAVTCOIL*08A00	1969	0.22
	2100	0.25
	2231	0.27
	2363	0.30
	2494	0.33
	2625	0.36
	2756	0.39
	2888	0.42
	3019	0.45
	3150	0.49
	3281	0.52
CAVTCOIL*12A00	2625	0.22
	2756	0.24
	2888	0.26
	3091	0.28
	3150	0.30
	3500	0.36
	3631	0.38
	3763	0.40
	3894	0.43
	4025	0.45
	4156	0.48

Table 3 – Coil Pressure Drop (in WG) - Horizontal Coils

Model	CFM	Pressure Drop
CAHZCOIL*08A00	1969	0.25
	2100	0.27
	2231	0.30
	2363	0.34
	2494	0.37
	2625	0.40
	2756	0.44
	2888	0.47
	3019	0.51
	3150	0.55
	3281	0.59
CAHZCOIL*12A00	2625	0.23
	2756	0.25
	2888	0.27
	3019	0.29
	3150	0.31
	3500	0.38
	3631	0.40
	3763	0.43
	3894	0.45
	4025	0.48
	4156	0.51

Table 4 – 08 Size Vertical Coil — R-410A Capacity Table

CAVTCOIL408A00

ENT (F)	SET (F)		CFM @ 80°F EDB														
			2250					3000					3750				
			AIR ENTERING TEMPERATURE EWB (F)														
			57	62	67	72	77	57	62	67	72	77	57	62	67	72	77
85	35	TC	82.3	99.6	124.7	153.5	184.5	101.0	117.6	147.0	179.7	215.7	117.2	132.4	164.6	200.1	242.0
		SHC	82.3	79.3	75.6	71.5	66.1	101.0	96.2	90.4	83.8	76.1	117.2	111.1	102.9	93.7	84.3
		LDB	46.5	47.8	49.4	51.2	53.5	49.1	50.7	52.6	54.7	57.1	51.3	52.9	55.0	57.4	59.8
		LWB	42.1	45.5	48.0	50.5	53.5	43.5	47.7	50.6	53.7	57.1	44.5	49.3	52.6	56.1	59.6
		PD	1.1	1.7	2.6	3.8	5.2	1.7	2.3	3.6	5.1	7.1	2.3	3.0	4.4	6.3	8.8
		BF	0.2	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.3	0.0	0.0
	40	TC	72.9	83.0	107.9	136.1	167.7	89.6	98.5	127.2	159.6	194.9	104.0	111.2	142.4	177.9	217.3
		SHC	72.9	71.3	67.7	63.8	59.2	89.6	87.3	81.5	75.3	67.8	104.0	101.3	93.2	84.7	74.8
		LDB	50.3	51.1	52.6	54.3	56.3	52.6	53.4	55.3	57.3	59.6	54.6	55.4	57.4	59.6	62.0
		LWB	44.0	48.6	51.0	53.5	56.2	45.2	50.3	53.1	56.1	59.5	46.1	51.5	54.8	58.1	61.7
		PD	0.8	1.1	1.7	2.7	3.9	1.2	1.5	2.4	3.7	5.3	1.6	1.9	3.1	4.6	6.5
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0
	45	TC	63.6	66.0	89.8	117.2	148.7	78.1	79.2	105.5	137.2	173.3	90.7	91.1	118.3	153.0	192.2
		SHC	63.6	63.3	59.8	56.0	51.7	78.1	78.0	72.3	66.3	59.6	90.7	90.9	83.2	75.0	65.7
		LDB	54.1	54.3	55.9	57.5	59.3	56.1	56.3	58.1	60.0	62.1	57.8	57.9	59.9	61.9	64.2
		LWB	45.9	51.6	54.1	56.5	59.1	46.8	52.8	55.8	58.7	61.8	47.6	53.6	57.0	60.3	63.8
		PD	0.6	0.6	1.1	1.8	2.9	0.8	0.9	1.5	2.5	3.9	1.1	1.1	1.9	3.1	4.7
		BF	0.4	0.2	0.2	0.2	0.0	0.4	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	54.0	54.2	70.3	96.9	128.2	66.4	66.6	82.4	113.3	149.1	77.3	77.5	92.2	126.4	165.5
		SHC	54.0	54.2	51.8	48.0	44.1	66.4	66.6	63.0	57.3	51.1	77.3	77.5	72.9	65.1	56.6
		LDB	58.0	58.0	59.1	60.7	62.4	59.7	59.7	60.9	62.7	64.7	61.1	61.2	62.4	64.3	66.4
		LWB	47.7	53.6	57.2	59.6	62.0	48.5	54.3	58.4	61.3	64.2	49.1	54.9	59.4	62.6	65.8
		PD	0.4	0.4	0.6	1.2	2.0	0.6	0.6	0.9	1.6	2.6	0.8	0.8	1.1	2.0	3.2
		BF	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.3	0.0
95	35	TC	82.3	99.5	124.5	153.0	183.7	101.0	117.4	146.5	178.7	215.2	117.1	131.9	163.7	198.8	241.2
		SHC	82.3	79.3	75.4	71.3	65.7	101.0	96.2	90.2	83.4	75.9	117.1	110.8	102.6	93.2	84.0
		LDB	46.5	47.8	49.5	51.3	53.6	49.1	50.7	52.6	54.8	57.2	51.4	53.0	55.1	57.5	59.8
		LWB	42.1	45.5	48.0	50.6	53.6	43.5	47.7	50.7	53.8	57.2	44.6	49.3	52.7	56.2	59.7
		PD	1.3	1.9	3.0	4.3	6.0	2.0	2.7	4.1	5.8	8.0	2.6	3.4	5.0	7.1	9.9
		BF	0.2	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.3	0.0	0.0
	40	TC	73.0	83.1	107.9	135.9	166.8	89.6	98.3	127.0	158.9	193.8	104.0	111.0	142.0	176.8	216.6
		SHC	73.0	71.3	67.7	63.7	58.9	89.6	87.2	81.4	75.0	67.3	104.0	101.2	93.0	84.2	74.5
		LDB	50.3	51.1	52.6	54.3	56.4	52.6	53.5	55.3	57.4	59.8	54.6	55.4	57.5	59.7	62.1
		LWB	44.0	48.6	51.0	53.5	56.3	45.2	50.3	53.2	56.2	59.6	46.1	51.5	54.8	58.2	61.8
		PD	0.9	1.2	2.0	3.1	4.5	1.4	1.7	2.8	4.2	6.0	1.9	2.2	3.5	5.2	7.4
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0
	45	TC	63.6	66.2	89.8	117.1	148.4	78.2	79.3	105.5	136.9	172.6	90.9	91.2	118.2	152.2	190.9
		SHC	63.6	63.4	59.8	55.9	51.6	78.2	78.0	72.3	66.3	59.3	90.9	91.0	83.1	74.8	65.2
		LDB	54.1	54.3	55.9	57.5	59.3	56.1	56.3	58.1	60.0	62.2	57.8	57.9	59.9	62.0	64.4
		LWB	45.9	51.6	54.1	56.6	59.1	46.8	52.8	55.8	58.7	61.8	47.6	53.5	57.1	60.4	63.9
		PD	0.6	0.7	1.3	2.1	3.3	1.0	1.0	1.8	2.9	4.4	1.3	1.3	2.2	3.6	5.3
		BF	0.4	0.2	0.2	0.2	0.0	0.4	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	54.2	54.3	70.4	96.9	128.1	66.6	66.8	82.5	113.2	148.8	77.3	77.6	92.3	126.2	165.0
		SHC	54.2	54.3	51.9	48.0	44.1	66.6	66.8	63.1	57.3	51.0	77.3	77.6	72.9	65.1	56.4
		LDB	57.9	58.0	59.1	60.7	62.4	59.7	59.7	60.9	62.7	64.7	61.1	61.1	62.3	64.3	66.5
		LWB	47.7	53.6	57.1	59.6	62.0	48.5	54.3	58.4	61.3	64.3	49.1	54.9	59.4	62.6	65.9
		PD	0.4	0.4	0.7	1.3	2.2	0.7	0.7	1.0	1.8	3.0	0.9	0.9	1.3	2.3	3.7
		BF	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.3	0.0
105	35	TC	82.3	99.4	124.1	152.4	182.7	100.8	117.1	145.6	177.3	214.5	116.8	131.3	162.6	198.2	239.9
		SHC	82.3	79.2	75.3	71.0	65.3	100.8	96.0	89.8	82.7	75.6	116.8	110.6	102.1	92.9	83.4
		LDB	46.5	47.8	49.6	51.4	53.8	49.2	50.8	52.8	55.0	57.3	51.4	53.1	55.2	57.6	60.0
		LWB	42.1	45.5	48.1	50.7	53.8	43.5	47.7	50.8	54.0	57.2	44.6	49.4	52.8	56.3	59.8
		PD	1.5	2.2	3.4	4.9	6.8	2.3	3.1	4.6	6.6	9.2	3.1	3.9	5.7	8.1	11.2
		BF	0.2	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0
	40	TC	73.0	83.1	107.7	135.5	166.1	89.6	98.2	126.6	158.1	193.5	103.9	110.8	141.2	175.3	216.1
		SHC	73.0	71.3	67.6	63.5	58.6	89.6	87.1	81.2	74.7	67.2	103.9	101.1	92.7	83.6	74.3
		LDB	50.2	51.1	52.7	54.4	56.5	52.6	53.5	55.4	57.5	59.8	54.6	55.4	57.5	59.8	62.2
		LWB	44.0	48.6	51.0	53.6	56.5	45.2	50.3	53.2	56.3	59.6	46.1	51.5	54.9	58.4	61.8
		PD	1.1	1.4	2.3	3.6	5.2	1.6	2.0	3.2	4.8	6.9	2.2	2.5	4.0	5.9	8.5
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0
	45	TC	63.7	66.3	89.8	116.9	148.0	78.2	79.3	105.4	136.5	171.5	90.8	91.2	118.0	151.8	190.2
		SHC	63.7	63.4	59.8	55.9	51.4	78.2	78.1	72.2	66.1	58.9	90.8	91.0	83.0	74.6	65.0
		LDB	54.0	54.3	55.9	57.5	59.4	56.1	56.3	58.1	60.1	62.3	57.8	57.9	59.9	62.0	64.4
		LWB	45.9	51.6	54.1	56.6	59.2	46.8	52.7	55.8	58.8	62.0	47.6	53.5	57.1	60.4	63.9
		PD	0.7	0.8	1.5	2.5	3.8	1.1	1.2	2.0	3.3	5.0	1.5	1.5	2.6	4.1	6.1
		BF	0.4	0.2	0.2	0.2	0.0	0.4	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	54.3	54.4	70.6	96.8	127.9	66.6	66.8	82.6	113.0	148.4	77.4	77.6	92.3	125.8	163.7
		SHC	54.3	54.4	51.9	48.0	44.0	66.6	66.8	63.1	57.2	50.8	77.4	77.6	72.9	64.9	56.0
		LDB	57.9	57.9	59.0	60.7	62.4	59.6	59.7	60.9	62.8	64.8	61.1	61.1	62.3	64.4	66.6
		LWB	47.7	53.6	57.1	59.6	62.1	48.4	54.3	58.4	61.3	64.3	49.1	54.9	59.4	62.6	66.0
		PD	0.5	0.5	0.8	1.5	2.6	0.8	0.8	1.2	2.1	3.5	1.0	1.0	1.4	2.6	4.2
		BF	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.3	0.0

NOTE: See page 18 for Capacity Table Notes & Legend

Table 5 – 12 Size Vertical Coil — R-410A Capacity Table

CAVTCOIL412A00

ENT (F)	SET (F)		CFM @ 80°F EDB														
			3000					4000					5000				
			AIR ENTERING TEMPERATURE EWB (F)														
			57	62	67	72	77	57	62	67	72	77	57	62	67	72	77
85	35	TC	109.3	131.0	163.2	199.1	240.3	133.5	153.4	189.8	232.4	280.3	154.1	171.3	211.0	259.1	311.9
		SHC	109.3	105.0	99.3	92.8	85.8	133.5	126.9	117.9	108.5	98.3	154.1	146.0	133.7	121.6	108.0
		LDB	46.6	48.0	49.9	52.0	54.2	49.4	51.0	53.2	55.4	57.8	51.7	53.3	55.7	58.0	60.5
		LWB	42.2	45.8	48.4	51.3	54.2	43.6	48.0	51.2	54.4	57.7	44.7	49.7	53.2	56.6	60.3
		PD	2.4	3.5	5.2	7.4	10.2	3.6	4.8	7.0	9.9	13.5	4.8	5.9	8.5	12.0	16.3
		BF	0.2	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0
	40	TC	97.2	110.0	142.2	178.0	217.9	118.9	129.4	165.6	206.2	254.1	137.6	145.0	184.1	229.5	282.6
		SHC	97.2	94.9	89.6	83.5	76.6	118.9	115.8	107.1	97.6	88.0	137.6	133.9	122.1	109.8	96.9
		LDB	50.3	51.1	52.8	54.8	57.0	52.7	53.6	55.7	57.9	60.2	54.8	55.6	57.8	60.1	62.5
		LWB	44.0	48.7	51.2	53.9	56.9	45.2	50.4	53.5	56.7	59.9	46.2	51.8	55.2	58.6	62.1
		PD	1.7	2.3	3.7	5.5	7.8	2.6	3.1	4.9	7.3	10.4	3.5	3.9	6.0	8.9	12.5
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0
	45	TC	85.1	88.1	119.1	154.7	194.3	104.1	105.3	139.1	179.4	225.2	120.7	121.1	154.7	198.1	250.2
		SHC	85.1	84.6	79.6	74.0	67.4	104.1	104.0	95.9	87.1	77.3	120.7	121.1	110.0	97.9	85.4
		LDB	54.0	54.3	55.9	57.7	59.8	56.1	56.3	58.2	60.3	62.6	57.9	57.9	60.0	62.3	64.6
		LWB	45.8	51.6	54.1	56.7	59.5	46.8	52.8	55.9	59.0	62.2	47.6	53.6	57.3	60.7	64.1
		PD	1.2	1.3	2.4	3.8	5.7	1.8	1.9	3.2	5.1	7.6	2.4	2.5	4.0	6.2	9.2
		BF	0.4	0.2	0.2	0.2	0.0	0.4	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	72.6	72.9	94.0	128.9	168.9	89.0	89.2	109.8	149.6	194.6	103.3	103.4	122.4	165.7	214.7
		SHC	72.6	72.9	69.4	64.0	58.0	89.0	89.2	84.3	76.0	66.6	103.3	103.4	97.4	86.1	73.4
		LDB	57.8	57.8	59.0	60.7	62.6	59.6	59.7	60.9	62.8	65.0	61.1	61.1	62.3	64.5	66.8
		LWB	47.6	53.6	57.1	59.6	62.2	48.4	54.3	58.5	61.4	64.5	49.1	54.9	59.4	62.7	66.2
		PD	0.8	0.8	1.4	2.5	4.0	1.2	1.2	1.9	3.3	5.3	1.6	1.6	2.3	4.1	6.4
		BF	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.3	0.0
95	35	TC	109.1	130.5	162.4	197.9	239.1	133.1	152.6	188.3	231.2	278.5	153.4	170.0	209.9	257.4	309.3
		SHC	109.1	104.8	98.9	92.2	85.3	133.1	126.5	117.2	108.0	97.6	153.4	145.4	133.2	120.9	106.9
		LDB	46.6	48.1	50.0	52.1	54.3	49.5	51.1	53.3	55.5	58.0	51.9	53.5	55.8	58.1	60.7
		LWB	42.2	45.8	48.5	51.4	54.3	43.6	48.1	51.3	54.5	57.9	44.8	49.8	53.3	56.7	60.5
		PD	2.8	4.0	6.0	8.4	11.6	4.1	5.4	7.9	11.2	15.2	5.4	6.6	9.6	13.5	18.2
		BF	0.2	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0
	40	TC	97.2	109.8	141.7	177.1	217.2	118.8	129.0	164.8	205.6	253.1	137.3	144.4	182.7	228.5	280.9
		SHC	97.2	94.8	89.4	83.2	76.3	118.8	115.6	106.7	97.4	87.6	137.3	133.9	121.5	109.4	96.3
		LDB	50.3	51.2	52.9	54.9	57.1	52.8	53.6	55.7	58.0	60.3	54.8	55.6	57.9	60.2	62.7
		LWB	44.0	48.7	51.3	54.0	57.0	45.2	50.5	53.6	56.8	60.0	46.2	51.8	55.3	58.7	62.3
		PD	2.0	2.6	4.2	6.2	8.9	3.0	3.6	5.6	8.3	11.7	4.0	4.4	6.8	10.0	14.1
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0
	45	TC	85.0	88.1	118.9	154.2	193.2	104.1	105.3	138.6	178.1	224.7	120.5	120.9	153.9	197.0	249.4
		SHC	85.0	84.6	79.5	73.8	66.9	104.1	104.0	95.7	86.7	77.1	120.5	120.9	109.6	97.5	85.1
		LDB	54.0	54.3	55.9	57.7	59.9	56.1	56.3	58.3	60.4	62.7	57.9	57.9	60.1	62.4	64.7
		LWB	45.8	51.6	54.2	56.8	59.6	46.8	52.8	56.0	59.1	62.3	47.7	53.6	57.3	60.8	64.2
		PD	1.4	1.5	2.7	4.4	6.5	2.1	2.2	3.7	5.8	8.6	2.8	2.8	4.5	7.0	10.5
		BF	0.4	0.2	0.2	0.2	0.0	0.4	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	72.7	72.9	94.1	128.7	168.3	89.1	89.3	109.7	149.1	193.6	103.3	103.4	122.0	164.6	214.3
		SHC	72.7	72.9	69.4	63.9	57.8	89.1	89.3	84.2	75.8	66.2	103.3	103.4	97.2	85.7	73.3
		LDB	57.8	57.8	59.0	60.7	62.7	59.6	59.6	60.9	62.9	65.1	61.1	61.1	62.4	64.5	66.8
		LWB	47.6	53.6	57.1	59.7	62.3	48.4	54.3	58.5	61.5	64.6	49.1	54.9	59.5	62.8	66.2
		PD	0.9	0.9	1.6	2.9	4.6	1.4	1.4	2.1	3.8	6.0	1.9	1.9	2.7	4.6	7.3
		BF	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.3	0.0
105	35	TC	108.9	129.9	161.1	196.9	237.7	132.6	151.5	187.1	229.6	276.2	152.7	168.4	208.5	255.1	305.7
		SHC	108.9	104.4	98.3	91.8	84.7	132.6	126.0	116.7	107.3	96.7	152.7	144.6	132.6	120.0	105.6
		LDB	46.7	48.2	50.2	52.3	54.5	49.6	51.2	53.5	55.7	58.2	52.0	53.6	55.9	58.3	61.0
		LWB	42.3	45.9	48.7	51.5	54.5	43.7	48.2	51.5	54.6	58.1	44.9	49.9	53.4	56.9	60.7
		PD	3.3	4.6	6.8	9.6	13.2	4.8	6.2	9.0	12.7	17.1	6.2	7.5	10.9	15.3	20.6
		BF	0.2	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0
	40	TC	97.1	109.5	141.0	175.9	216.2	118.5	128.3	163.5	204.6	251.6	136.8	143.6	180.9	227.4	278.7
		SHC	97.1	94.7	89.1	82.7	75.9	118.5	115.2	106.2	97.0	87.0	136.8	133.4	120.7	109.0	95.5
		LDB	50.3	51.2	53.0	55.0	57.2	52.8	53.7	55.9	58.1	60.4	54.9	55.7	58.1	60.3	62.8
		LWB	44.1	48.8	51.4	54.2	57.1	45.3	50.6	53.7	56.9	60.1	46.3	51.9	55.4	58.8	62.4
		PD	2.4	3.0	4.8	7.1	10.1	3.5	4.1	6.4	9.4	13.3	4.6	5.1	7.7	11.4	15.9
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0	0.4	0.2	0.2	0.3	0.0
	45	TC	85.0	88.1	118.5	153.6	192.4	104.0	105.2	137.9	177.1	223.6	120.3	120.7	152.9	196.1	248.2
		SHC	85.0	84.6	79.3	73.5	66.6	104.0	103.9	95.4	86.3	76.7	120.3	120.7	109.2	97.2	84.7
		LDB	54.0	54.3	56.0	57.8	60.0	56.2	56.3	58.3	60.5	62.7	57.9	58.0	60.2	62.4	64.8
		LWB	45.8	51.6	54.2	56.9	59.7	46.8	52.8	56.0	59.2	62.4	47.7	53.6	57.4	60.8	64.2
		PD	1.6	1.8	3.1	5.0	7.5	2.4	2.5	4.2	6.6	9.9	3.3	3.3	5.1	8.0	11.9
		BF	0.4	0.2	0.2	0.2	0.0	0.4	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	72.7	72.9	94.0	128.3	167.5	89.1	89.3	109.5	148.4	192.4	103.2	103.3	121.6	163.7	0.0
		SHC	72.7	72.9	69.4	63.8	57.5	89.1	89.3	84.1	75.6	65.8	103.2	103.3	97.0	85.4	0.0
		LDB	57.8	57.8	59.0	60.8	62.7	59.6	59.6	60.9	62.9	65.2	61.1	61.1	62.4	64.6	0.0
		LWB	47.6	53.6	57.1	59.7	62.4	48.4	54.3	58.5	61.5	64.7	49.1	54.9	59.5	62.9	0.0
		PD	1.1	1.1	1.8	3.3	5.3	1.6	1.7	2.5	4.4	6.9	2.2	2.2	3.1	5.3	0.0
		BF	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.3	0.0

NOTE: See page 18 for Capacity Table Notes & Legend

Table 6 – 08 Size Horizontal Coil — R-410A Capacity Table

CAHZCOIL408A00

ENT (F)	SET (F)		CFM @ 80°F EDB														
			2250					3000					3750				
			AIR ENTERING TEMPERATURE EWB (F)														
			57	62	67	72	77	57	62	67	72	77	57	62	67	72	77
85	35	TC	78.3	93.5	117.7	144.7	174.9	95.9	110.8	138.5	169.8	203.8	111.3	124.6	155.0	189.2	228.1
		SHC	78.3	75.4	71.7	67.6	62.2	95.9	91.8	85.8	79.4	71.5	111.3	105.9	97.7	88.9	79.0
		LDB	48.1	49.4	51.0	52.8	55.1	50.7	52.1	54.0	56.1	58.5	52.8	54.3	56.3	58.6	61.0
		LWB	43.0	46.7	49.3	52.1	55.1	44.2	48.6	51.7	55.0	58.5	45.3	50.1	53.5	57.1	60.8
		PD	0.9	1.3	2.1	3.0	4.3	1.4	1.9	2.9	4.1	5.7	1.9	2.3	3.5	5.1	7.0
		BF	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.4	0.3	0.3	0.0	0.0
	40	TC	69.3	78.1	101.5	128.0	158.1	85.0	92.7	119.3	149.8	184.2	98.8	103.9	133.8	167.0	203.8
		SHC	69.3	68.1	64.3	60.2	55.5	85.0	83.3	77.3	71.1	63.8	98.8	96.1	88.5	80.0	69.9
		LDB	51.8	52.4	54.1	55.8	57.8	54.1	54.7	56.6	58.6	60.9	55.9	56.6	58.6	60.7	63.2
		LWB	44.8	49.5	52.1	54.9	57.7	45.9	51.0	54.1	57.3	60.6	46.7	52.3	55.6	59.1	62.8
		PD	0.7	0.8	1.4	2.2	3.2	1.0	1.2	1.9	3.0	4.3	1.3	1.5	2.4	3.6	5.2
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.4	0.0	0.4	0.3	0.3	0.3	0.0
	45	TC	60.5	61.8	84.2	110.0	140.0	74.1	74.4	98.6	128.5	162.9	85.9	86.2	110.4	143.0	180.5
		SHC	60.5	60.1	56.8	52.8	48.5	74.1	73.8	68.6	62.6	55.9	85.9	86.2	78.8	70.7	61.6
		LDB	55.4	55.7	57.1	58.8	60.6	57.4	57.6	59.3	61.2	63.3	59.0	59.1	60.9	63.0	65.2
		LWB	46.5	52.4	55.0	57.7	60.4	47.4	53.4	56.6	59.7	62.9	48.2	54.1	57.8	61.2	64.7
		PD	0.5	0.5	0.9	1.5	2.3	0.7	0.7	1.2	2.0	3.1	0.9	0.9	1.5	2.5	3.7
		BF	0.4	0.2	0.2	0.2	0.0	0.5	0.2	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	50	TC	51.2	51.4	65.7	90.9	120.3	62.9	63.0	76.8	105.8	139.5	73.0	73.3	85.9	117.8	154.6
		SHC	51.2	51.4	49.3	45.4	41.3	62.9	63.0	59.9	54.1	47.8	73.0	73.3	69.3	61.4	52.9
		LDB	59.1	59.2	60.1	61.8	63.5	60.8	60.9	61.9	63.7	65.7	62.2	62.2	63.3	65.2	67.3
		LWB	48.2	54.1	57.9	60.5	63.1	49.0	54.8	59.1	62.1	65.2	49.6	55.3	60.0	63.3	66.7
		PD	0.3	0.3	0.5	0.9	1.5	0.5	0.5	0.7	1.2	2.1	0.6	0.6	0.8	1.5	2.5
		BF	0.5	0.3	0.2	0.2	0.0	0.5	0.4	0.2	0.3	0.0	0.6	0.4	0.3	0.3	0.0
95	35	TC	78.5	93.8	117.8	144.8	174.6	96.1	110.9	138.3	169.4	203.4	111.6	124.5	154.6	188.3	227.8
		SHC	78.5	75.6	71.8	67.6	62.1	96.1	91.9	85.8	79.2	71.3	111.6	105.9	97.6	88.5	78.9
		LDB	48.1	49.4	51.0	52.8	55.1	50.7	52.1	54.0	56.1	58.6	52.8	54.3	56.4	58.7	61.1
		LWB	42.9	46.6	49.3	52.1	55.1	44.2	48.6	51.7	55.0	58.5	45.2	50.1	53.6	57.2	60.8
		PD	1.1	1.5	2.4	3.5	4.8	1.6	2.1	3.2	4.7	6.4	2.1	2.7	4.0	5.7	7.9
		BF	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.4	0.3	0.3	0.0	0.0
	40	TC	69.6	78.4	101.7	128.1	158.1	85.2	92.9	119.4	149.7	183.4	98.9	104.1	133.6	166.6	203.6
		SHC	69.6	68.2	64.4	60.3	55.5	85.2	83.4	77.3	71.0	63.5	98.9	96.2	88.5	79.8	69.8
		LDB	51.7	52.4	54.0	55.8	57.8	54.0	54.6	56.6	58.6	61.0	55.8	56.6	58.6	60.8	63.3
		LWB	44.7	49.5	52.1	54.8	57.7	45.8	51.0	54.1	57.3	60.7	46.7	52.3	55.6	59.2	62.8
		PD	0.8	1.0	1.6	2.5	3.6	1.1	1.4	2.2	3.4	4.8	1.5	1.7	2.8	4.1	5.9
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0	0.4	0.3	0.3	0.3	0.0
	45	TC	60.7	62.1	84.3	110.3	140.0	74.3	74.6	98.9	128.5	162.6	86.1	86.5	110.5	142.9	179.6
		SHC	60.7	60.3	56.9	52.9	48.5	74.3	74.0	68.7	62.6	55.8	86.1	86.5	78.9	70.7	61.3
		LDB	55.3	55.6	57.1	58.7	60.6	57.3	57.5	59.2	61.1	63.3	59.0	59.0	60.9	63.0	65.3
		LWB	46.4	52.3	55.0	57.6	60.4	47.4	53.3	56.6	59.7	62.9	48.1	54.0	57.8	61.2	64.8
		PD	0.5	0.6	1.0	1.7	2.6	0.8	0.8	1.4	2.3	3.5	1.1	1.1	1.7	2.8	4.2
		BF	0.4	0.2	0.2	0.2	0.0	0.5	0.2	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	50	TC	51.5	51.7	66.0	91.2	120.5	63.2	63.4	77.1	106.0	139.5	73.2	73.4	86.2	117.8	154.1
		SHC	51.5	51.7	49.5	45.6	41.4	63.2	63.4	60.1	54.1	47.8	73.2	73.4	69.4	61.4	52.7
		LDB	59.0	59.1	60.1	61.7	63.5	60.7	60.8	61.8	63.7	65.7	62.1	62.2	63.2	65.2	67.4
		LWB	48.2	54.1	57.8	60.4	63.1	48.9	54.7	59.0	62.1	65.2	49.6	55.3	59.9	63.3	66.7
		PD	0.4	0.4	0.6	1.1	1.8	0.5	0.5	0.8	1.4	2.4	0.7	0.7	1.0	1.8	2.9
		BF	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0	0.6	0.4	0.3	0.3	0.0
105	35	TC	78.6	93.9	117.6	144.8	174.0	96.3	110.8	138.0	168.4	203.3	111.7	124.2	153.9	187.0	227.0
		SHC	78.6	75.7	71.7	67.5	61.8	96.3	91.9	85.6	78.8	71.3	111.7	105.7	97.3	88.0	78.6
		LDB	48.0	49.3	51.0	52.8	55.2	50.6	52.1	54.1	56.3	58.6	52.7	54.3	56.4	58.8	61.1
		LWB	42.9	46.6	49.3	52.1	55.2	44.2	48.6	51.8	55.1	58.6	45.2	50.2	53.6	57.3	60.9
		PD	1.3	1.8	2.7	4.0	5.5	1.9	2.5	3.7	5.3	7.4	2.5	3.1	4.6	6.5	9.0
		BF	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.4	0.3	0.3	0.0	0.0
	40	TC	69.8	78.6	101.7	128.2	157.6	85.4	93.0	119.3	149.3	182.9	98.9	104.1	133.3	165.8	203.3
		SHC	69.8	68.3	64.4	60.3	55.3	85.4	83.5	77.3	70.9	63.2	98.9	96.3	88.3	79.5	69.7
		LDB	51.6	52.3	54.0	55.7	57.9	53.9	54.6	56.6	58.6	61.0	55.8	56.6	58.6	60.8	63.3
		LWB	44.7	49.4	52.1	54.8	57.8	45.8	51.0	54.1	57.4	60.8	46.7	52.2	55.7	59.2	62.9
		PD	0.9	1.1	1.9	2.9	4.2	1.3	1.6	2.6	3.9	5.5	1.8	2.0	3.2	4.7	6.7
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0	0.4	0.3	0.3	0.3	0.0
	45	TC	60.9	62.4	84.6	110.5	139.9	74.5	74.9	99.0	128.3	161.9	86.3	86.6	110.5	142.4	178.9
		SHC	60.9	60.5	57.0	53.1	48.4	74.5	74.1	68.7	62.6	55.5	86.3	86.6	78.9	70.5	61.0
		LDB	55.2	55.5	57.0	58.7	60.6	57.3	57.5	59.2	61.2	63.4	58.9	59.0	60.9	63.0	65.4
		LWB	46.4	52.3	54.9	57.6	60.4	47.4	53.3	56.6	59.7	63.0	48.1	54.0	57.8	61.2	64.8
		PD	0.6	0.7	1.2	2.0	3.0	0.9	0.9	1.6	2.6	4.0	1.2	1.2	2.0	3.2	4.8
		BF	0.4	0.2	0.2	0.2	0.0	0.5	0.2	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	50	TC	51.7	51.8	66.2	91.3	120.5	63.4	63.5	77.3	106.0	139.3	73.3	73.6	86.4	117.7	153.7
		SHC	51.7	51.8	49.6	45.6	41.4	63.4	63.5	60.1	54.2	47.7	73.3	73.6	69.5	61.4	52.6
		LDB	58.9	59.0	60.0	61.7	63.5	60.6	60.7	61.8	63.7	65.7	62.1	62.1	63.2	65.2	67.4
		LWB	48.1	54.0	57.8	60.4	63.1	48.9	54.7	59.0	62.1	65.2	49.5	55.3	59.9	63.3	66.7
		PD	0.4	0.4	0.7	1.2	2.1	0.6	0.6	0.9	1.7	2.7	0.8	0.8	1.1	2.0	3.3
		BF	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.3	0.3	0.0

NOTE: See page 18 for Capacity Table Notes & Legend

Table 7 – 12 Size Horizontal Coil — R-410A Capacity Table

CAHZCOIL412A00

ENT (F)	SET (F)		CFM @ 80°F EDB														
			3000					4000					5000				
			AIR ENTERING TEMPERATURE EWB (F)														
			57.0	62.0	67.0	72.0	77.0	57.0	62.0	67.0	72.0	77.0	57.0	62.0	67.0	72.0	77.0
85	35	TC	104.8	124.9	156.0	190.5	230.6	128.0	146.9	182.3	223.8	270.6	148.1	164.7	203.2	249.8	301.2
		SHC	104.8	100.1	93.8	86.9	79.4	128.0	121.7	112.1	102.7	92.2	148.1	140.7	127.8	115.5	101.6
		LDB	49.1	50.4	52.2	54.3	56.5	51.5	52.9	55.0	57.1	59.5	53.5	54.9	57.2	59.4	61.9
		LWB	43.5	47.2	49.9	52.9	55.8	44.6	49.1	52.3	55.5	58.9	45.6	50.5	54.1	57.6	61.2
		PD	2.1	3.0	4.5	6.4	8.8	3.1	4.1	6.0	8.5	11.7	4.1	5.0	7.3	10.4	14.1
		BF	0.2	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.3	0.0	0.0
	40	TC	93.1	104.6	135.7	170.0	208.5	114.0	124.3	158.6	197.8	244.3	132.0	138.6	176.7	220.4	271.9
		SHC	93.1	90.7	84.6	78.0	70.5	114.0	111.7	101.7	92.0	81.9	132.0	128.7	116.5	103.9	90.6
		LDB	52.7	53.4	55.1	57.0	59.2	54.7	55.3	57.4	59.6	61.8	56.5	57.1	59.3	61.5	63.9
		LWB	45.2	50.0	52.5	55.4	58.4	46.2	51.3	54.5	57.8	61.0	47.0	52.6	56.0	59.5	63.1
		PD	1.5	1.9	3.1	4.7	6.7	2.2	2.7	4.2	6.2	8.9	3.0	3.3	5.1	7.6	10.7
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0	0.4	0.3	0.3	0.3	0.0
	45	TC	81.3	83.4	113.4	147.4	185.5	99.6	100.0	132.7	171.2	215.3	115.6	115.9	147.8	189.6	239.8
		SHC	81.3	80.8	75.1	68.8	61.6	99.6	99.1	91.1	81.6	71.2	115.6	115.9	104.8	92.2	79.2
		LDB	56.3	56.5	58.0	59.8	61.9	58.0	58.2	59.9	62.0	64.2	59.5	59.5	61.4	63.7	66.0
		LWB	46.9	52.7	55.3	58.0	60.9	47.7	53.7	56.8	60.0	63.3	48.4	54.3	58.0	61.5	65.0
		PD	1.1	1.1	2.0	3.3	4.9	1.6	1.6	2.7	4.3	6.4	2.1	2.1	3.4	5.3	7.8
		BF	0.4	0.2	0.2	0.2	0.0	0.5	0.2	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	50	TC	69.4	69.6	89.2	123.0	160.8	85.0	85.2	104.2	142.7	185.9	98.6	98.9	116.3	158.2	205.1
		SHC	69.4	69.6	65.6	59.4	52.6	85.0	85.2	80.1	71.0	61.1	98.6	98.9	92.9	80.8	67.7
		LDB	59.9	60.0	61.0	62.6	64.6	61.4	61.4	62.5	64.4	66.5	62.6	62.6	63.7	65.7	68.1
		LWB	48.6	54.4	58.1	60.7	63.5	49.2	55.0	59.3	62.3	65.5	49.8	55.5	60.1	63.5	67.0
		PD	0.7	0.7	1.1	2.1	3.4	1.0	1.1	1.6	2.8	4.5	1.4	1.4	1.9	3.4	5.4
		BF	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.3	0.3	0.0
95	35	TC	104.9	124.9	155.7	190.2	230.4	128.1	146.7	181.7	223.3	269.7	148.1	164.0	202.5	248.8	299.7
		SHC	104.9	100.2	93.7	86.7	79.3	128.1	121.8	112.0	102.4	91.8	148.1	140.5	127.6	115.0	100.9
		LDB	49.1	50.4	52.2	54.3	56.5	51.5	52.9	55.1	57.2	59.6	53.5	54.9	57.2	59.5	62.0
		LWB	43.4	47.2	49.9	52.9	55.8	44.6	49.1	52.4	55.6	59.0	45.6	50.6	54.1	57.6	61.3
		PD	2.4	3.4	5.1	7.3	10.0	3.6	4.6	6.8	9.6	13.2	4.7	5.7	8.3	11.7	15.8
		BF	0.2	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.3	0.0	0.0
	40	TC	93.3	104.8	135.6	169.8	208.6	114.1	124.2	158.2	197.6	243.9	132.1	138.6	175.9	220.1	271.1
		SHC	93.3	90.8	84.6	77.9	70.5	114.1	111.7	101.6	91.9	81.7	132.1	128.8	116.3	103.8	90.3
		LDB	52.6	53.3	55.1	57.0	59.2	54.7	55.3	57.4	59.6	61.9	56.4	57.1	59.3	61.5	64.0
		LWB	45.2	49.9	52.6	55.4	58.4	46.2	51.3	54.6	57.8	61.1	47.0	52.6	56.1	59.5	63.1
		PD	1.8	2.2	3.6	5.3	7.6	2.6	3.1	4.8	7.1	10.1	3.4	3.8	5.8	8.6	12.1
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0	0.4	0.2	0.3	0.3	0.0
	45	TC	81.6	83.7	113.6	147.3	185.0	99.9	100.3	132.5	170.9	215.6	115.7	116.1	147.7	189.1	239.7
		SHC	81.6	81.1	75.2	68.8	61.4	99.9	99.4	91.1	81.5	71.3	115.7	116.1	104.9	92.0	79.2
		LDB	56.2	56.4	58.0	59.8	61.9	58.0	58.2	59.9	62.0	64.2	59.5	59.5	61.4	63.7	66.0
		LWB	46.9	52.7	55.3	58.0	60.9	47.7	53.6	56.8	60.0	63.3	48.4	54.2	58.0	61.5	65.0
		PD	1.2	1.3	2.3	3.7	5.6	1.8	1.8	3.1	4.9	7.4	2.4	2.4	3.8	6.0	8.9
		BF	0.4	0.2	0.2	0.2	0.0	0.5	0.2	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	50	TC	69.7	69.9	89.6	123.0	160.7	85.3	85.5	104.4	142.6	185.2	98.9	99.1	116.4	157.5	204.5
		SHC	69.7	69.9	65.8	59.4	52.6	85.3	85.5	80.2	71.0	60.8	98.9	99.1	93.0	80.6	67.5
		LDB	59.8	59.9	60.9	62.6	64.6	61.3	61.4	62.4	64.4	66.6	62.6	62.6	63.7	65.8	68.1
		LWB	48.6	54.4	58.1	60.7	63.5	49.2	55.0	59.2	62.3	65.5	49.8	55.5	60.1	63.5	67.0
		PD	0.8	0.8	1.3	2.4	3.9	1.2	1.2	1.8	3.2	5.1	1.6	1.6	2.2	3.9	6.1
		BF	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.3	0.3	0.0
105	35	TC	105.0	124.8	155.1	190.0	229.9	128.2	146.1	180.7	222.4	268.2	148.0	162.9	201.4	247.3	297.4
		SHC	105.0	100.2	93.5	86.6	79.1	128.2	121.5	111.6	102.0	91.1	148.0	140.0	127.2	114.4	100.0
		LDB	49.0	50.4	52.3	54.3	56.6	51.5	53.0	55.1	57.3	59.7	53.5	55.0	57.3	59.6	62.2
		LWB	43.4	47.2	50.0	52.9	55.9	44.6	49.2	52.4	55.6	59.1	45.6	50.7	54.2	57.7	61.5
		PD	2.8	3.9	5.8	8.3	11.4	4.1	5.3	7.7	11.0	14.9	5.4	6.5	9.4	13.2	17.9
		BF	0.2	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.3	0.0	0.0
	40	TC	93.5	105.0	135.4	169.1	208.4	114.2	123.7	157.5	197.1	243.1	132.1	138.3	174.6	219.6	269.7
		SHC	93.5	91.0	84.5	77.6	70.4	114.2	111.5	101.4	91.7	81.4	132.1	128.8	115.7	103.5	89.8
		LDB	52.6	53.3	55.1	57.1	59.2	54.7	55.3	57.5	59.6	62.0	56.5	57.1	59.4	61.6	64.1
		LWB	45.2	49.9	52.6	55.5	58.4	46.2	51.4	54.6	57.8	61.1	47.0	52.6	56.2	59.6	63.2
		PD	2.0	2.6	4.1	6.1	8.7	3.0	3.5	5.5	8.1	11.5	4.0	4.3	6.6	9.8	13.7
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0	0.4	0.2	0.3	0.3	0.0
	45	TC	81.8	83.9	113.5	147.0	184.8	100.1	100.5	132.3	170.3	215.2	115.9	116.3	147.0	188.0	239.0
		SHC	81.8	81.2	75.2	68.7	61.3	100.1	99.6	91.0	81.3	71.1	115.9	116.3	104.6	91.7	78.9
		LDB	56.1	56.4	58.0	59.8	62.0	57.9	58.1	59.9	62.0	64.3	59.4	59.5	61.5	63.7	66.0
		LWB	46.9	52.6	55.3	58.0	61.0	47.7	53.6	56.9	60.1	63.3	48.4	54.2	58.1	61.6	65.0
		PD	1.4	1.5	2.7	4.3	6.4	2.1	2.1	3.6	5.7	8.4	2.8	2.8	4.4	6.8	10.2
		BF	0.4	0.2	0.2	0.2	0.0	0.5	0.2	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	50	TC	69.9	70.0	89.7	122.8	160.5	85.5	85.7	104.5	142.1	184.3	99.0	99.2	116.3	157.1	204.2
		SHC	69.9	70.0	65.9	59.4	52.5	85.5	85.7	80.3	70.9	60.5	99.0	99.2	93.0	80.5	67.3
		LDB	59.8	59.8	60.9	62.6	64.6	61.2	61.3	62.4	64.4	66.7	62.5	62.6	63.7	65.8	68.1
		LWB	48.5	54.4	58.1	60.7	63.5	49.2	55.0	59.2	62.3	65.6	49.8	55.5	60.1	63.5	67.0
		PD	1.0	1.0	1.5	2.8	4.5	1.4	1.4	2.1	3.7	5.8	1.9	1.9	2.6	4.5	7.0
		BF	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.3	0.3	0.0

NOTE: See page 18 for Capacity Table Notes & Legend

Table 8 – 08 Size Vertical Coil — R-22 Capacity Table

CAVTCOIL208A00

ENT (F)	SET (F)		CFM @ 80°F EDB														
			2250					3000					3750				
			AIR ENTERING TEMPERATURE EWB (F)														
			57	62	67	72	77	57	62	67	72	77	57	62	67	72	77
85	35	TC	78.1	90.7	114.6	141.3	170.7	95.0	106.3	133.2	163.5	197.4	109.5	119.0	148.2	181.5	217.7
		SHC	78.1	75.0	70.8	66.0	60.5	95.0	90.9	84.2	76.9	68.7	109.5	105.0	95.8	86.0	74.9
		LDB	48.2	49.6	51.4	53.4	55.8	51.0	52.3	54.5	56.8	59.4	53.2	54.4	56.8	59.2	62.0
		LWB	43.0	47.2	49.8	52.6	55.7	44.4	49.2	52.4	55.7	59.2	45.5	50.7	54.2	57.8	61.7
		PD	1.6	2.2	3.4	5.0	7.0	2.3	3.0	4.6	6.6	9.3	3.1	3.7	5.6	8.1	11.2
		BF	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.4	0.0
	40	TC	69.1	75.5	98.4	124.9	154.5	84.2	88.6	114.4	144.6	178.6	97.2	99.6	127.1	160.4	197.1
		SHC	69.1	67.8	63.5	59.1	53.9	84.2	82.6	76.1	69.2	61.5	97.2	95.7	86.9	77.8	67.4
		LDB	51.8	52.5	54.3	56.2	58.4	54.3	54.9	56.9	59.1	61.5	56.2	56.7	58.9	61.2	63.8
		LWB	44.8	50.0	52.6	55.3	58.2	46.0	51.6	54.7	57.9	61.2	46.9	52.7	56.2	59.7	63.4
		PD	1.1	1.4	2.3	3.6	5.3	1.7	1.9	3.1	4.8	7.0	2.2	2.4	3.8	5.9	8.5
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0	0.4	0.2	0.2	0.3	0.0
	45	TC	60.1	60.5	80.8	106.9	136.5	73.1	73.5	93.8	123.6	157.4	84.6	84.8	104.2	136.8	174.0
		SHC	60.1	60.0	56.1	51.9	47.1	73.1	73.5	67.7	61.1	53.9	84.6	84.8	77.8	69.0	59.4
		LDB	55.5	55.7	57.3	59.1	61.2	57.6	57.7	59.5	61.6	63.8	59.3	59.4	61.2	63.4	65.8
		LWB	46.6	52.6	55.5	58.1	60.9	47.5	53.5	57.1	60.2	63.4	48.3	54.2	58.3	61.7	65.2
		PD	0.8	0.8	1.4	2.4	3.8	1.2	1.2	1.9	3.2	5.0	1.6	1.6	2.4	3.9	6.1
		BF	0.4	0.2	0.2	0.2	0.0	0.5	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	50.8	50.9	62.1	87.3	116.5	62.0	62.2	72.3	101.3	134.6	71.7	71.8	80.4	111.7	148.2
		SHC	50.8	50.9	48.7	44.5	40.0	62.0	62.2	59.3	53.0	46.2	71.7	71.8	68.6	60.0	50.9
		LDB	59.3	59.4	60.3	62.1	64.0	61.0	61.1	62.1	64.0	66.2	62.5	62.5	63.4	65.5	67.8
		LWB	48.3	54.2	58.4	61.0	63.6	49.1	54.9	59.6	62.6	65.6	49.7	55.5	60.4	63.8	67.1
		PD	0.5	0.5	0.8	1.5	2.5	0.8	0.8	1.1	2.0	3.4	1.0	1.0	1.3	2.4	4.1
		BF	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0	0.6	0.4	0.2	0.3	0.0
95	35	TC	78.1	90.7	114.4	140.9	170.0	95.0	106.1	132.8	162.8	196.3	109.3	118.7	147.6	180.1	216.2
		SHC	78.1	75.0	70.7	65.9	60.2	95.0	90.8	84.0	76.6	68.2	109.3	104.9	95.5	85.5	74.3
		LDB	48.2	49.6	51.4	53.5	55.9	51.0	52.4	54.5	56.9	59.5	53.3	54.5	56.8	59.4	62.2
		LWB	43.0	47.2	49.9	52.7	55.8	44.4	49.2	52.4	55.8	59.3	45.5	50.7	54.3	57.9	61.8
		PD	1.8	2.4	3.8	5.5	7.7	2.6	3.3	5.0	7.3	10.2	3.5	4.1	6.2	8.9	12.2
		BF	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.4	0.0
	40	TC	69.2	75.6	98.4	124.7	154.2	84.2	88.6	114.1	144.1	177.6	97.2	99.6	126.9	159.8	196.1
		SHC	69.2	67.8	63.5	59.0	53.8	84.2	82.6	76.0	69.1	61.2	97.2	95.7	86.8	77.6	67.0
		LDB	51.8	52.5	54.3	56.2	58.4	54.3	54.9	57.0	59.2	61.6	56.2	56.7	59.0	61.3	63.9
		LWB	44.8	50.0	52.6	55.4	58.3	46.0	51.6	54.7	57.9	61.3	46.9	52.7	56.2	59.7	63.4
		PD	1.3	1.5	2.5	4.0	5.8	1.9	2.1	3.4	5.3	7.7	2.5	2.6	4.2	6.5	9.3
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0	0.4	0.2	0.2	0.3	0.0
	45	TC	60.2	60.6	80.8	106.7	136.4	73.2	73.5	93.7	123.7	157.0	84.6	84.8	104.2	136.6	173.4
		SHC	60.2	60.1	56.2	51.8	47.0	73.2	73.5	67.6	61.2	53.7	84.6	84.8	77.8	68.9	59.2
		LDB	55.5	55.6	57.3	59.2	61.2	57.6	57.6	59.5	61.6	63.9	59.3	59.4	61.2	63.4	65.8
		LWB	46.5	52.6	55.5	58.2	60.9	47.5	53.5	57.2	60.2	63.4	48.3	54.2	58.3	61.7	65.2
		PD	0.9	0.9	1.6	2.7	4.2	1.3	1.3	2.1	3.6	5.6	1.7	1.7	2.6	4.4	6.7
		BF	0.4	0.2	0.2	0.2	0.0	0.5	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	51.1	51.2	62.3	87.5	116.5	62.2	62.3	72.5	101.3	134.5	71.8	71.9	80.6	111.8	148.2
		SHC	51.1	51.2	48.8	44.6	40.0	62.2	62.3	59.4	53.0	46.1	71.8	71.9	68.7	60.1	50.9
		LDB	59.2	59.3	60.3	62.1	64.0	61.0	61.1	62.0	64.0	66.2	62.4	62.5	63.4	65.5	67.8
		LWB	48.2	54.1	58.4	61.0	63.6	49.1	54.9	59.5	62.6	65.7	49.7	55.4	60.4	63.8	67.1
		PD	0.6	0.6	0.9	1.7	2.8	0.9	0.9	1.2	2.2	3.8	1.1	1.2	1.5	2.7	4.6
		BF	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0	0.6	0.4	0.2	0.3	0.0
105	35	TC	78.1	90.6	114.2	140.4	169.2	94.9	105.8	132.3	162.0	194.9	109.2	118.2	146.8	178.9	214.4
		SHC	78.1	75.0	70.6	65.6	59.9	94.9	90.7	83.8	76.2	67.7	109.2	104.7	95.2	85.0	73.6
		LDB	48.2	49.6	51.5	53.6	56.0	51.0	52.4	54.6	57.0	59.7	53.3	54.5	56.9	59.5	62.3
		LWB	43.0	47.2	49.9	52.8	56.0	44.4	49.3	52.5	55.9	59.5	45.5	50.8	54.3	58.0	61.9
		PD	2.0	2.7	4.2	6.1	8.6	2.9	3.7	5.6	8.1	11.2	3.9	4.6	6.8	9.8	13.4
		BF	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0
	40	TC	69.2	75.6	98.3	124.5	153.7	84.2	88.5	113.9	143.7	176.7	97.1	99.4	126.5	159.1	194.8
		SHC	69.2	67.8	63.5	58.9	53.6	84.2	82.5	75.9	68.9	60.8	97.1	95.6	86.7	77.3	66.6
		LDB	51.8	52.5	54.3	56.3	58.5	54.3	54.9	57.0	59.2	61.7	56.3	56.7	59.0	61.4	64.0
		LWB	44.8	50.0	52.6	55.4	58.4	46.0	51.6	54.8	58.0	61.4	46.9	52.7	56.3	59.8	63.5
		PD	1.4	1.7	2.9	4.4	6.5	2.1	2.4	3.8	5.9	8.5	2.8	2.9	4.7	7.1	10.3
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0	0.4	0.2	0.2	0.3	0.0
	45	TC	60.2	60.9	80.9	106.6	136.1	73.3	73.6	93.7	123.6	156.6	84.7	84.8	104.1	136.3	172.3
		SHC	60.2	60.3	56.2	51.8	47.0	73.3	73.6	67.6	61.1	53.6	84.7	84.8	77.7	68.8	58.8
		LDB	55.5	55.6	57.3	59.2	61.2	57.6	57.6	59.5	61.6	63.9	59.3	59.4	61.2	63.4	65.9
		LWB	46.5	52.5	55.5	58.2	60.9	47.5	53.5	57.2	60.2	63.5	48.3	54.2	58.3	61.7	65.3
		PD	1.0	1.0	1.8	3.0	4.7	1.5	1.5	2.4	4.0	6.2	1.9	2.0	2.9	4.9	7.4
		BF	0.4	0.2	0.2	0.2	0.0	0.5	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	51.1	51.3	62.5	87.5	116.5	62.3	62.4	72.6	101.4	134.4	71.8	72.0	80.8	111.9	147.9
		SHC	51.1	51.3	48.9	44.6	40.0	62.3	62.4	59.4	53.1	46.1	71.8	72.0	68.7	60.1	50.8
		LDB	59.2	59.2	60.3	62.1	64.0	61.0	61.0	62.0	64.0	66.2	62.5	62.5	63.4	65.5	67.8
		LWB	48.2	54.1	58.3	60.9	63.6	49.1	54.9	59.5	62.5	65.7	49.7	55.4	60.4	63.7	67.2
		PD	0.6	0.7	1.0	1.9	3.2	1.0	1.0	1.3	2.5	4.2	1.3	1.3	1.6	3.0	5.1
		BF	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0	0.6	0.4	0.2	0.3	0.0

NOTE: See page 18 for Capacity Table Notes & Legend

Table 9 – 12 Size Vertical Coil — R-22 Capacity Table

CAVTCOIL212A00

ENT (F)	SET (F)		CFM @ 80°F EDB														
			3000					4000					5000				
			AIR ENTERING TEMPERATURE EWB (F)														
			57	62	67	72	77	57	62	67	72	77	57	62	67	72	77
85	35	TC	103.3	118.6	148.3	181.1	217.0	124.8	137.3	170.2	206.6	246.8	142.8	151.6	187.1	226.2	268.8
		SHC	103.3	99.0	92.4	84.8	76.2	124.8	119.5	109.1	97.8	85.2	142.8	137.3	123.5	108.4	91.9
		LDB	48.4	49.9	52.0	54.4	57.1	51.4	52.7	55.2	57.9	60.8	53.8	54.9	57.6	60.4	63.5
		LWB	43.1	47.5	50.4	53.6	57.0	44.6	49.7	53.1	56.7	60.5	45.7	51.2	55.0	58.9	63.0
		PD	3.3	4.4	6.7	9.5	12.9	4.8	5.9	8.7	12.2	16.3	6.3	7.1	10.4	14.4	19.1
		BF	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0
	40	TC	92.0	99.6	128.9	161.9	198.3	111.4	115.9	148.0	185.0	225.9	128.0	129.5	162.9	202.9	246.4
		SHC	92.0	90.1	83.8	76.8	68.9	111.4	109.4	99.7	89.3	77.5	128.0	126.6	113.5	99.6	84.0
		LDB	51.9	52.6	54.6	56.8	59.3	54.5	55.1	57.4	59.8	62.6	56.5	56.9	59.4	62.0	64.9
		LWB	44.8	50.1	52.9	55.9	59.1	46.0	51.8	55.1	58.5	62.2	47.0	52.9	56.7	60.4	64.3
		PD	2.4	2.9	4.7	7.0	10.0	3.5	3.9	6.1	9.1	12.8	4.6	4.8	7.4	10.9	15.1
		BF	0.3	0.2	0.2	0.3	0.0	0.4	0.2	0.2	0.3	0.0	0.5	0.2	0.2	0.3	0.0
	45	TC	80.4	80.9	107.2	139.9	177.2	97.6	97.9	123.1	160.7	201.6	112.3	112.5	135.8	175.9	220.1
		SHC	80.4	80.3	74.8	68.2	61.0	97.6	97.9	89.6	80.1	68.9	112.3	112.5	102.8	89.8	75.1
		LDB	55.4	55.6	57.4	59.4	61.7	57.6	57.7	59.6	61.9	64.5	59.4	59.5	61.3	63.8	66.5
		LWB	46.5	52.5	55.6	58.4	61.4	47.5	53.5	57.3	60.5	64.0	48.3	54.2	58.5	62.1	65.9
		PD	1.7	1.7	3.0	4.9	7.4	2.5	2.5	4.0	6.4	9.6	3.3	3.3	4.8	7.7	11.3
		BF	0.4	0.2	0.2	0.2	0.0	0.5	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	68.6	68.7	83.4	116.1	153.0	83.2	83.3	96.1	133.4	174.9	95.8	96.0	106.5	146.5	191.2
		SHC	68.6	68.7	65.4	59.3	52.5	83.2	83.3	79.2	70.2	60.0	95.8	96.0	91.6	79.4	65.8
		LDB	59.0	59.1	60.2	62.1	64.3	60.9	61.0	62.0	64.1	66.5	62.4	62.5	63.4	65.7	68.2
		LWB	48.2	54.1	58.3	61.0	63.9	49.0	54.8	59.6	62.7	66.0	49.7	55.4	60.5	63.9	67.5
		PD	1.1	1.1	1.7	3.1	5.2	1.7	1.7	2.3	4.1	6.7	2.2	2.2	2.8	5.0	8.0
		BF	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0
95	35	TC	103.1	118.1	147.5	179.8	215.0	124.3	136.5	168.9	204.7	244.1	142.2	150.6	185.3	223.6	265.4
		SHC	103.1	98.8	92.0	84.3	75.4	124.3	119.1	108.6	97.0	84.1	142.2	136.8	122.7	107.4	90.6
		LDB	48.5	49.9	52.1	54.6	57.3	51.5	52.8	55.3	58.1	61.1	53.9	55.0	57.7	60.6	63.7
		LWB	43.2	47.6	50.5	53.7	57.2	44.6	49.7	53.2	56.9	60.7	45.8	51.3	55.1	59.0	63.2
		PD	3.7	4.9	7.3	10.4	14.1	5.4	6.5	9.5	13.3	17.7	6.9	7.8	11.3	15.6	20.6
		BF	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0
	40	TC	91.9	99.4	128.4	161.0	197.0	111.2	115.5	147.1	183.7	223.6	127.6	128.9	161.5	200.8	243.7
		SHC	91.9	90.0	83.6	76.5	68.3	111.2	109.2	99.3	88.7	76.6	127.6	126.5	112.9	98.9	83.1
		LDB	51.9	52.6	54.7	56.9	59.5	54.5	55.1	57.4	59.9	62.8	56.6	56.9	59.5	62.1	65.1
		LWB	44.8	50.1	53.0	56.0	59.2	46.1	51.8	55.2	58.6	62.4	47.1	53.0	56.8	60.5	64.5
		PD	2.7	3.2	5.2	7.8	11.0	3.9	4.3	6.7	10.0	14.0	5.1	5.3	8.1	11.8	16.4
		BF	0.3	0.2	0.2	0.3	0.0	0.4	0.2	0.2	0.3	0.0	0.5	0.2	0.2	0.3	0.0
	45	TC	80.4	80.9	106.9	139.5	176.3	97.5	97.8	122.8	159.8	200.4	112.1	112.3	135.3	174.9	218.3
		SHC	80.4	80.4	74.7	68.0	60.7	97.5	97.8	89.5	79.8	68.5	112.1	112.3	102.5	89.4	74.6
		LDB	55.4	55.6	57.4	59.5	61.8	57.6	57.7	59.7	62.0	64.6	59.4	59.5	61.4	63.8	66.6
		LWB	46.5	52.5	55.6	58.5	61.5	47.5	53.5	57.3	60.6	64.1	48.4	54.2	58.6	62.2	66.0
		PD	1.9	1.9	3.3	5.4	8.2	2.8	2.8	4.4	7.1	10.5	3.7	3.7	5.3	8.4	12.4
		BF	0.4	0.2	0.2	0.2	0.0	0.5	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	68.6	68.7	83.6	115.9	152.5	83.3	83.5	96.0	133.1	174.2	95.9	96.0	106.4	146.2	190.2
		SHC	68.6	68.7	65.4	59.2	52.3	83.3	83.5	79.1	70.1	59.8	95.9	96.0	91.6	79.3	65.5
		LDB	59.0	59.1	60.2	62.2	64.3	60.9	61.0	62.0	64.2	66.6	62.4	62.5	63.4	65.7	68.2
		LWB	48.2	54.1	58.3	61.0	63.9	49.0	54.8	59.6	62.7	66.0	49.7	55.4	60.5	63.9	67.6
		PD	1.3	1.3	1.9	3.5	5.7	1.9	1.9	2.5	4.6	7.4	2.5	2.5	3.1	5.5	8.8
		BF	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0
105	35	TC	102.8	117.4	146.4	178.2	212.7	123.8	135.4	167.2	202.3	240.7	141.4	149.2	183.0	220.4	261.5
		SHC	102.8	98.5	91.5	83.6	74.5	123.8	118.7	107.9	96.0	82.9	141.4	136.2	121.7	106.2	89.3
		LDB	48.6	50.0	52.2	54.8	57.6	51.6	52.9	55.5	58.3	61.3	54.1	55.1	57.9	60.8	63.9
		LWB	43.2	47.7	50.7	53.9	57.5	44.7	49.8	53.4	57.1	61.0	45.9	51.4	55.3	59.3	63.4
		PD	4.2	5.4	8.1	11.4	15.4	6.0	7.1	10.4	14.5	19.2	7.7	8.6	12.3	16.9	22.3
		BF	0.3	0.2	0.2	0.0	0.0	0.3	0.2	0.2	0.3	0.0	0.4	0.2	0.2	0.3	0.0
	40	TC	91.8	99.1	127.7	159.9	195.3	110.9	114.9	146.2	182.2	221.0	127.1	128.3	160.2	198.8	240.7
		SHC	91.8	89.8	83.3	76.0	67.7	110.9	109.0	99.0	88.2	75.7	127.1	126.3	112.4	98.1	82.0
		LDB	52.0	52.7	54.8	57.1	59.7	54.6	55.1	57.5	60.1	63.0	56.7	57.0	59.6	62.3	65.2
		LWB	44.9	50.2	53.1	56.1	59.4	46.1	51.9	55.3	58.8	62.5	47.1	53.0	56.9	60.7	64.7
		PD	3.0	3.6	5.7	8.6	12.1	4.4	4.7	7.4	11.0	15.3	5.7	5.8	8.9	12.9	17.8
		BF	0.3	0.2	0.2	0.3	0.0	0.4	0.2	0.2	0.2	0.0	0.5	0.2	0.2	0.3	0.0
	45	TC	80.4	80.9	106.7	138.8	175.1	97.4	97.7	122.4	158.9	198.9	111.7	112.1	134.4	173.8	216.1
		SHC	80.4	80.3	74.6	67.8	60.2	97.4	97.7	89.4	79.4	68.0	111.7	112.1	102.2	89.0	73.8
		LDB	55.4	55.6	57.4	59.6	61.9	57.7	57.7	59.7	62.0	64.7	59.5	59.6	61.4	63.9	66.7
		LWB	46.5	52.5	55.6	58.5	61.6	47.6	53.5	57.4	60.7	64.2	48.4	54.3	58.6	62.2	66.1
		PD	2.1	2.2	3.7	6.0	9.1	3.1	3.1	4.9	7.8	11.6	4.1	4.1	5.8	9.3	13.5
		BF	0.4	0.2	0.2	0.2	0.0	0.5	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	68.6	68.8	83.5	115.7	151.9	83.3	83.5	96.0	132.4	172.9	95.8	96.0	106.2	145.3	188.8
		SHC	68.6	68.8	65.4	59.2	52.1	83.3	83.5	79.1	69.9	59.4	95.8	96.0	91.5	79.0	65.1
		LDB	59.0	59.1	60.2	62.2	64.4	60.9	61.0	62.0	64.2	66.7	62.4	62.5	63.4	65.7	68.3
		LWB	48.2	54.1	58.3	61.1	64.0	49.0	54.8	59.6	62.8	66.1	49.7	55.4	60.5	64.0	67.6
		PD	1.4	1.4	2.1	3.9	6.4	2.1	2.1	2.8	5.1	8.2	2.8	2.8	3.4	6.1	9.7
		BF	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0

NOTE: See page 18 for Capacity Table Notes & Legend

Table 10 – 08 Size Horizontal Coil — R-22 Capacity Table

CAHZCOIL208A00

ENT (F)	SET (F)		CFM @ 80°F EDB														
			2250					3000					3750				
			AIR ENTERING TEMPERATURE EWB (F)														
			57	62	67	72	77	57	62	67	72	77	57	62	67	72	77
85	35	TC	73.6	85.3	107.4	132.9	161.7	89.7	100.5	125.4	154.8	187.3	103.7	112.4	139.6	171.7	207.0
		SHC	73.6	71.5	67.0	62.3	57.0	89.7	87.1	80.0	73.0	64.9	103.7	100.3	91.1	81.8	71.0
		LDB	50.0	51.0	53.0	54.9	57.2	52.6	53.5	55.8	58.0	60.5	54.7	55.6	57.9	60.3	63.0
		LWB	43.9	48.2	51.1	54.1	57.2	45.2	50.0	53.4	56.7	60.3	46.1	51.4	55.0	58.7	62.6
		PD	1.3	1.7	2.7	4.0	5.7	1.9	2.4	3.6	5.4	7.5	2.5	3.0	4.5	6.6	9.1
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.0	0.0	0.4	0.3	0.3	0.3	0.0
	40	TC	65.1	70.0	91.9	116.9	145.7	79.3	83.1	106.9	136.1	168.4	91.8	92.3	118.8	150.4	186.3
		SHC	65.1	64.0	60.1	55.6	50.7	79.3	78.7	72.1	65.5	57.8	91.8	89.9	82.5	73.5	63.6
		LDB	53.5	54.1	55.7	57.7	59.7	55.8	56.1	58.2	60.3	62.7	57.6	58.2	60.0	62.3	64.8
		LWB	45.6	51.0	53.7	56.6	59.6	46.7	52.3	55.6	58.9	62.3	47.5	53.4	57.0	60.6	64.2
		PD	0.9	1.1	1.8	2.8	4.2	1.4	1.5	2.4	3.8	5.6	1.8	1.9	3.0	4.6	6.8
		BF	0.4	0.2	0.2	0.3	0.0	0.4	0.2	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	45	TC	56.6	56.4	75.2	99.7	128.2	68.9	69.0	87.2	115.7	148.1	79.6	79.8	97.0	127.9	163.0
		SHC	56.6	56.3	53.2	48.8	44.1	68.9	69.0	64.1	57.7	50.6	79.6	79.8	73.8	65.1	55.6
		LDB	57.0	57.2	58.5	60.4	62.4	59.0	59.0	60.6	62.6	64.8	60.6	60.6	62.2	64.3	66.7
		LWB	47.2	53.3	56.4	59.2	62.0	48.1	54.0	57.9	61.1	64.3	48.9	54.7	59.0	62.5	66.0
		PD	0.6	0.6	1.1	1.9	3.0	0.9	0.9	1.5	2.5	4.0	1.2	1.3	1.8	3.1	4.8
		BF	0.5	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	50	TC	47.6	47.9	57.9	81.1	108.6	58.3	58.4	67.2	93.6	125.1	67.2	67.3	74.2	103.8	138.3
		SHC	47.6	47.9	46.5	41.9	37.3	58.3	58.4	56.4	49.8	43.0	67.2	67.3	65.0	56.6	47.7
		LDB	60.6	60.6	61.3	63.2	65.1	62.2	62.3	62.9	65.0	67.1	63.6	63.7	64.3	66.4	68.6
		LWB	48.9	54.7	59.0	61.9	64.7	49.6	55.4	60.1	63.4	66.6	50.2	55.9	61.0	64.4	67.9
		PD	0.4	0.4	0.6	1.2	2.0	0.6	0.6	0.8	1.6	2.6	0.8	0.8	1.0	1.9	3.2
		BF	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0	0.6	0.4	0.3	0.3	0.0
95	35	TC	73.8	85.5	107.5	133.0	161.6	89.9	100.5	125.3	154.5	186.7	103.8	112.3	139.3	171.2	206.0
		SHC	73.8	71.6	67.0	62.3	56.9	89.9	87.1	80.0	72.9	64.7	103.8	100.3	91.0	81.6	70.7
		LDB	50.0	51.0	52.9	54.9	57.2	52.5	53.5	55.8	58.0	60.6	54.6	55.6	58.0	60.3	63.1
		LWB	43.9	48.2	51.1	54.1	57.2	45.1	50.0	53.4	56.8	60.4	46.1	51.4	55.1	58.7	62.7
		PD	1.5	1.9	3.0	4.5	6.3	2.1	2.7	4.0	5.9	8.3	2.8	3.3	5.0	7.2	10.0
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.0	0.0	0.4	0.3	0.3	0.3	0.0
	40	TC	65.3	70.3	92.1	117.1	145.8	79.6	83.3	107.0	136.1	168.2	92.0	93.4	118.9	150.2	185.7
		SHC	65.3	64.2	60.2	55.7	50.7	79.6	78.8	72.2	65.6	57.8	92.0	90.7	82.5	73.5	63.4
		LDB	53.4	54.0	55.7	57.6	59.7	55.7	56.1	58.2	60.3	62.7	57.5	58.0	60.0	62.3	64.8
		LWB	45.6	50.9	53.7	56.6	59.5	46.6	52.2	55.6	58.9	62.3	47.5	53.3	57.0	60.6	64.3
		PD	1.0	1.2	2.0	3.2	4.7	1.5	1.7	2.7	4.2	6.2	2.0	2.1	3.3	5.1	7.5
		BF	0.4	0.2	0.2	0.3	0.0	0.4	0.2	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	45	TC	56.7	56.6	75.5	100.0	128.2	69.1	69.3	87.4	115.8	148.1	79.9	80.0	97.2	127.9	162.7
		SHC	56.7	56.5	53.4	48.9	44.1	69.1	69.3	64.2	57.8	50.7	79.9	80.0	73.9	65.2	55.5
		LDB	56.9	57.1	58.5	60.4	62.4	58.9	59.0	60.6	62.6	64.8	60.5	60.6	62.1	64.3	66.7
		LWB	47.2	53.2	56.4	59.2	62.0	48.1	54.0	57.9	61.1	64.3	48.8	54.7	59.0	62.5	66.1
		PD	0.7	0.7	1.3	2.1	3.4	1.1	1.1	1.7	2.8	4.4	1.4	1.4	2.1	3.5	5.3
		BF	0.5	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	50	TC	48.1	48.3	58.2	81.3	108.9	58.5	58.6	67.5	93.9	125.4	67.4	67.6	74.8	104.1	138.5
		SHC	48.1	48.3	46.6	42.0	37.4	58.5	58.6	56.6	49.9	43.1	67.4	67.6	65.2	56.8	47.7
		LDB	60.4	60.5	61.2	63.2	65.1	62.1	62.2	62.9	65.0	67.1	63.5	63.6	64.2	66.4	68.6
		LWB	48.8	54.6	59.0	61.8	64.6	49.6	55.3	60.1	63.3	66.5	50.2	55.9	60.9	64.4	67.9
		PD	0.5	0.5	0.7	1.3	2.2	0.7	0.7	0.9	1.7	2.9	0.9	0.9	1.1	2.1	3.6
		BF	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0	0.6	0.4	0.3	0.3	0.0
105	35	TC	74.0	85.6	107.6	132.9	161.3	90.1	100.4	125.2	154.1	185.9	103.9	112.1	139.0	170.5	204.8
		SHC	74.0	71.7	67.1	62.3	56.8	90.1	87.1	79.9	72.8	64.4	103.9	100.3	90.9	81.3	70.2
		LDB	49.9	51.0	52.9	54.9	57.3	52.5	53.5	55.8	58.1	60.7	54.6	55.6	58.0	60.4	63.2
		LWB	43.8	48.2	51.1	54.1	57.2	45.1	50.0	53.4	56.8	60.5	46.1	51.4	55.1	58.8	62.8
		PD	1.6	2.2	3.4	5.0	7.0	2.4	3.0	4.5	6.6	9.2	3.2	3.7	5.5	8.0	11.0
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.0	0.0	0.4	0.3	0.3	0.3	0.0
	40	TC	65.5	70.5	92.3	117.2	145.7	79.7	83.5	107.1	136.0	167.8	92.2	93.6	118.6	150.0	184.6
		SHC	65.5	64.3	60.3	55.7	50.6	79.7	78.9	72.2	65.5	57.6	92.2	90.9	82.4	73.4	63.0
		LDB	53.4	53.9	55.7	57.6	59.8	55.7	56.0	58.1	60.3	62.7	57.5	57.9	60.1	62.3	64.9
		LWB	45.5	50.9	53.7	56.6	59.6	46.6	52.2	55.6	58.9	62.4	47.5	53.3	57.0	60.6	64.4
		PD	1.2	1.4	2.3	3.5	5.3	1.7	1.9	3.0	4.7	6.9	2.3	2.3	3.7	5.7	8.3
		BF	0.4	0.2	0.2	0.3	0.0	0.4	0.2	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	45	TC	56.9	56.8	75.6	100.0	128.2	69.3	69.4	87.6	115.9	147.9	80.0	80.2	97.3	128.0	162.6
		SHC	56.9	56.7	53.4	48.9	44.1	69.3	69.4	64.3	57.8	50.6	80.0	80.2	73.9	65.2	55.5
		LDB	56.8	57.1	58.5	60.4	62.4	58.8	58.9	60.6	62.6	64.9	60.5	60.5	62.1	64.3	66.7
		LWB	47.2	53.2	56.4	59.2	62.0	48.1	54.0	57.9	61.0	64.4	48.8	54.6	59.0	62.4	66.1
		PD	0.8	0.8	1.4	2.4	3.7	1.2	1.2	1.9	3.2	4.9	1.6	1.6	2.3	3.8	5.9
		BF	0.5	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	50	TC	48.3	48.4	58.4	81.5	109.1	58.7	58.7	67.7	94.1	125.5	67.6	67.8	75.1	104.2	138.5
		SHC	48.3	48.4	46.7	42.1	37.5	58.7	58.7	56.6	50.0	43.1	67.6	67.8	65.3	56.8	47.7
		LDB	60.4	60.4	61.2	63.1	65.0	62.1	62.2	62.9	65.0	67.1	63.5	63.5	64.2	66.3	68.6
		LWB	48.8	54.6	59.0	61.8	64.6	49.6	55.3	60.1	63.3	66.5	50.2	55.9	60.9	64.4	67.9
		PD	0.5	0.5	0.8	1.5	2.5	0.8	0.8	1.0	1.9	3.3	1.0	1.0	1.3	2.4	4.0
		BF	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0	0.6	0.4	0.3	0.3	0.0

NOTE: See page 18 for Capacity Table Notes & Legend

Table 11 – 12 Size Horizontal Coil — R-22 Capacity Table

CAHZCOIL212A00

ENT (F)	SET (F)		CFM @ 80°F EDB														
			3000					4000					5000				
			AIR ENTERING TEMPERATURE EWB (F)														
			57	62	67	72	77	57	62	67	72	77	57	62	67	72	77
85	35	TC	98.9	113.1	141.6	173.4	208.9	119.8	131.7	164.0	200.2	239.6	137.7	146.0	181.1	220.4	262.2
		SHC	98.9	95.1	87.7	79.9	71.2	119.8	115.6	104.8	93.5	80.7	137.7	133.3	119.3	104.6	87.8
		LDB	51.1	52.2	54.3	56.6	59.2	53.6	54.5	56.9	59.4	62.3	55.6	56.4	58.9	61.6	64.6
		LWB	44.4	48.8	51.8	55.0	58.3	45.6	50.6	54.0	57.6	61.4	46.5	52.0	55.7	59.5	63.6
		PD	2.9	3.8	5.8	8.3	11.3	4.2	5.1	7.5	10.7	14.4	5.5	6.1	9.0	12.7	16.9
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0	0.4	0.2	0.3	0.3	0.0
	40	TC	87.9	94.0	122.6	154.4	190.3	106.7	109.7	142.2	178.5	218.8	122.9	122.6	157.0	196.4	239.1
		SHC	87.9	86.2	79.5	72.0	63.9	106.7	105.1	95.7	85.0	73.1	122.9	120.6	109.5	95.4	79.7
		LDB	54.4	55.0	56.8	58.9	61.3	56.6	57.0	59.0	61.4	64.0	58.3	58.8	60.8	63.2	66.1
		LWB	46.0	51.3	54.2	57.2	60.4	47.0	52.7	56.0	59.4	63.0	47.8	53.8	57.4	61.1	65.0
		PD	2.1	2.4	4.0	6.1	8.7	3.1	3.3	5.3	7.9	11.2	4.0	4.1	6.3	9.4	13.2
		BF	0.4	0.2	0.2	0.2	0.0	0.4	0.2	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	45	TC	76.7	76.6	101.6	133.2	169.5	93.2	93.4	117.9	154.2	194.8	107.6	107.8	130.2	169.7	213.0
		SHC	76.7	76.4	71.0	63.7	56.2	93.2	93.4	86.2	75.8	64.7	107.6	107.8	99.2	85.7	71.0
		LDB	57.9	58.1	59.5	61.5	63.7	59.6	59.7	61.2	63.4	65.9	61.1	61.2	62.7	65.0	67.6
		LWB	47.6	53.6	56.7	59.6	62.6	48.4	54.3	58.1	61.4	64.8	49.1	54.9	59.2	62.8	66.5
		PD	1.5	1.5	2.5	4.2	6.4	2.2	2.2	3.4	5.5	8.3	2.8	2.9	4.1	6.6	9.8
		BF	0.5	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	65.3	65.5	79.1	110.3	146.2	79.4	79.6	91.8	127.0	167.4	91.8	91.9	101.1	140.2	183.9
		SHC	65.3	65.5	62.6	55.3	48.1	79.4	79.6	76.7	66.1	55.6	91.8	91.9	88.5	75.5	61.6
		LDB	61.3	61.4	62.1	64.1	66.1	62.8	62.9	63.5	65.7	68.0	64.0	64.1	64.7	66.9	69.3
		LWB	49.2	54.9	59.3	62.0	64.9	49.8	55.5	60.3	63.5	66.8	50.3	56.0	61.1	64.5	68.1
		PD	1.0	1.0	1.4	2.7	4.4	1.4	1.5	1.9	3.5	5.7	1.9	1.9	2.3	4.2	6.9
		BF	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0	0.6	0.4	0.3	0.3	0.0
95	35	TC	98.9	113.1	141.4	172.9	207.9	119.8	131.5	163.4	199.1	237.8	137.6	145.4	180.0	218.3	259.5
		SHC	98.9	95.2	87.6	79.7	70.7	119.8	115.6	104.6	93.1	80.0	137.6	133.2	118.8	103.8	86.8
		LDB	51.1	52.1	54.3	56.6	59.3	53.6	54.5	56.9	59.5	62.4	55.6	56.5	59.0	61.7	64.8
		LWB	44.4	48.8	51.8	55.0	58.4	45.5	50.6	54.1	57.7	61.5	46.5	52.0	55.8	59.7	63.8
		PD	3.3	4.2	6.4	9.1	12.4	4.7	5.6	8.3	11.7	15.7	6.1	6.8	9.9	13.8	18.3
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0	0.4	0.2	0.3	0.3	0.0
	40	TC	88.0	94.2	122.6	154.3	189.8	106.9	109.8	142.0	177.9	217.6	123.0	122.8	156.4	195.1	237.2
		SHC	88.0	86.3	79.6	72.0	63.7	106.9	105.3	95.7	84.8	72.6	123.0	121.0	109.3	95.0	79.0
		LDB	54.4	54.9	56.8	59.0	61.4	56.5	57.0	59.0	61.4	64.1	58.3	58.8	60.8	63.3	66.2
		LWB	45.9	51.3	54.2	57.2	60.4	46.9	52.7	56.0	59.5	63.1	47.8	53.8	57.4	61.2	65.1
		PD	2.4	2.7	4.4	6.7	9.6	3.4	3.6	5.8	8.7	12.3	4.5	4.5	7.0	10.3	14.4
		BF	0.4	0.2	0.2	0.2	0.0	0.4	0.2	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	45	TC	76.9	76.8	101.8	133.5	169.3	93.5	93.6	118.0	153.7	194.0	107.8	108.1	129.8	169.3	212.1
		SHC	76.9	76.7	71.2	63.9	56.1	93.5	93.6	86.3	75.7	64.4	107.8	108.1	99.1	85.6	70.6
		LDB	57.8	58.0	59.4	61.4	63.7	59.6	59.7	61.2	63.5	66.0	61.1	61.1	62.7	65.0	67.7
		LWB	47.5	53.5	56.7	59.6	62.6	48.4	54.2	58.1	61.4	64.9	49.0	54.8	59.2	62.8	66.6
		PD	1.7	1.7	2.8	4.6	7.1	2.4	2.4	3.7	6.1	9.1	3.2	3.2	4.5	7.3	10.8
		BF	0.5	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	65.6	65.8	79.4	110.6	146.0	79.7	79.9	92.0	127.1	167.1	92.1	92.3	101.3	140.1	183.5
		SHC	65.6	65.8	62.8	55.5	48.0	79.7	79.9	76.8	66.2	55.5	92.1	92.3	88.6	75.5	61.5
		LDB	61.3	61.3	62.1	64.0	66.1	62.8	62.8	63.5	65.7	68.0	64.0	64.0	64.7	66.9	69.3
		LWB	49.1	54.9	59.2	62.0	64.9	49.8	55.5	60.2	63.5	66.8	50.3	56.0	61.1	64.5	68.2
		PD	1.1	1.1	1.6	3.0	4.9	1.6	1.6	2.1	3.9	6.3	2.1	2.1	2.6	4.7	7.6
		BF	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0	0.6	0.4	0.3	0.3	0.0
105	35	TC	98.9	112.9	140.9	172.2	206.6	119.7	130.9	162.5	197.9	235.5	137.3	144.7	178.5	216.1	256.1
		SHC	98.9	95.2	87.5	79.4	70.2	119.7	115.5	104.3	92.6	79.1	137.3	132.9	118.3	102.9	85.6
		LDB	51.1	52.1	54.3	56.7	59.5	53.6	54.6	57.0	59.6	62.6	55.7	56.5	59.1	61.9	65.0
		LWB	44.3	48.8	51.9	55.1	58.6	45.6	50.7	54.2	57.8	61.7	46.5	52.1	55.9	59.8	64.0
		PD	3.6	4.7	7.0	10.0	13.6	5.2	6.2	9.1	12.8	17.1	6.7	7.4	10.8	15.0	19.8
		BF	0.3	0.2	0.2	0.0	0.0	0.4	0.2	0.2	0.3	0.0	0.4	0.2	0.3	0.3	0.0
	40	TC	88.2	94.3	122.5	153.9	188.9	106.9	109.7	141.5	177.0	215.7	122.9	123.1	155.4	193.7	234.8
		SHC	88.2	86.5	79.5	71.8	63.3	106.9	105.3	95.5	84.4	71.9	122.9	121.6	108.9	94.5	78.2
		LDB	54.3	54.9	56.8	59.0	61.5	56.5	57.0	59.0	61.5	64.3	58.3	58.7	60.8	63.4	66.3
		LWB	45.9	51.3	54.2	57.3	60.5	46.9	52.7	56.1	59.5	63.3	47.8	53.7	57.5	61.3	65.3
		PD	2.6	3.0	4.9	7.4	10.6	3.8	4.1	6.4	9.6	13.4	5.0	5.0	7.7	11.3	15.7
		BF	0.4	0.2	0.2	0.2	0.0	0.4	0.2	0.2	0.3	0.0	0.5	0.3	0.3	0.3	0.0
	45	TC	77.0	77.4	102.0	133.4	168.8	93.6	93.9	117.7	153.1	193.0	108.0	108.2	129.4	168.3	210.7
		SHC	77.0	77.2	71.3	63.8	56.0	93.6	93.9	86.2	75.5	64.0	108.0	108.2	98.9	85.3	70.2
		LDB	57.8	57.8	59.4	61.5	63.7	59.6	59.6	61.2	63.5	66.0	61.0	61.1	62.7	65.1	67.8
		LWB	47.5	53.5	56.7	59.6	62.6	48.3	54.2	58.1	61.5	65.0	49.0	54.8	59.2	62.8	66.7
		PD	1.9	1.9	3.2	5.2	7.9	2.7	2.7	4.2	6.7	10.1	3.5	3.6	5.0	8.0	11.8
		BF	0.5	0.2	0.2	0.2	0.0	0.5	0.3	0.2	0.2	0.0	0.5	0.3	0.2	0.3	0.0
	50	TC	65.7	65.9	79.7	110.5	145.8	79.9	80.2	91.9	126.9	166.6	92.3	92.5	101.3	139.5	182.1
		SHC	65.7	65.9	62.9	55.5	48.0	79.9	80.2	76.7	66.2	55.3	92.3	92.5	88.7	75.3	61.1
		LDB	61.2	61.3	62.0	64.0	66.1	62.7	62.7	63.5	65.7	68.0	63.9	64.0	64.7	66.9	69.4
		LWB	49.1	54.9	59.2	62.0	64.9	49.8	55.5	60.3	63.5	66.8	50.3	56.0	61.1	64.6	68.2
		PD	1.2	1.2	1.8	3.3	5.5	1.8	1.8	2.4	4.3	7.0	2.4	2.4	2.9	5.2	8.3
		BF	0.5	0.3	0.2	0.2	0.0	0.6	0.4	0.2	0.2	0.0	0.6	0.4	0.2	0.3	0.0

NOTE: See page 18 for Capacity Table Notes & Legend

Legend and Notes for Capacity Tables (Tables 4 – 11)

NOTES:

1. SHC is based on 80°F EDB of air entering coil. Use the following formulas to correct the SHC based on other EDB.
   Correction Factor = 1.1 x (1–BF) x (EDB – 80)
   SHC (New) = Correction Factor x CFM/1000) = SHC (MBH) (from Capacity Tables above)
2. Direct interpolation is permissible. Do not extrapolate.
3. Performance assumes 10 deg subcooling and superheat.

LEGEND:

BF – Bypass Factor
EDB – Entering Dry–Bulb (°F)
EWB – Entering Wet–Bulb (°F)
LDB – Leaving Dry–Bulb (°F)
LWB – Leaving Dry–Bulb (°F)
PD – Refrig Pressure Drop (psi)
ENT – Entering Liquid Temperature (°F)
SET – Saturated Evap Temperature (°F)
SHC – Sensible Capacity (MBH)
TC – Total Capacity (MBH)

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 Replaces: New