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C-Series

TECHNICAL DATA MANUAL

Horizontal
Air-Cooled, Water-Cooled (1 - 15 Tons)
Chilled Water (1 - 8 Tons)

Index

Product Overview

C-Series air conditioning systems are split-able packaged horizontal units designed for placement in difficult locations. The units can be installed as close-coupled (single packages) or can be split. They are available as air-cooled, water-cooled, heat pump or chilled water configurations. The units can be ceiling or slab mounted. While the condensing section has been designed for indoor use it can be adapted for outdoor use as well. Individual sections can be matched with other United CoolAir product lines.

The split-able feature allows placement of the condensing section up to 150 equivalent feet from the evaporator section. This means that an air-cooled condensing section can be located near an outside wall to minimize duct work, while the evaporator is located near the space to be cooled.

To preserve the factory charge when split, units are shipped with a reusable; self-sealing coupling that prevents refrigerant loss. The air-cooled condenser and evaporator blowers come standard with a variable pitch sheave that allows adjustment of static pressure for the specific duct application.

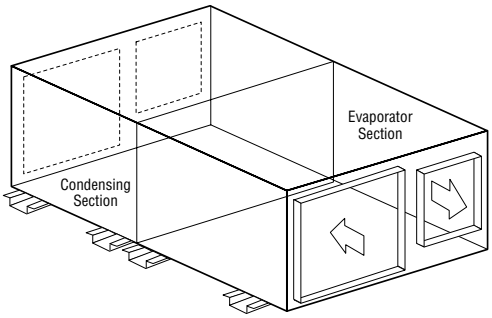
The water-cooled condensing unit eliminates the need for condenser ducting and can be used in conjunction with the split-able feature. The condensing section includes a co-axial counter flow heat exchanger. A 2-way, 150 psig water regulating valve is standard on each circuit. The water regulating valve modulates the flow of water through the condenser coil based on the refrigerant discharge pressure. Optional 3-way and high-pressure (up to 350 psig) water valves are also available.

United CoolAir's C-Series units are available in four cabinet sizes, all of which are able to fit through doorways or in elevators. Their compact size permits placement in small spaces, such as ceiling areas or closets, making them ideal for renovation or new construction. Units are functionally tested at the factory to assure the user many years of dependable, trouble-free performance.

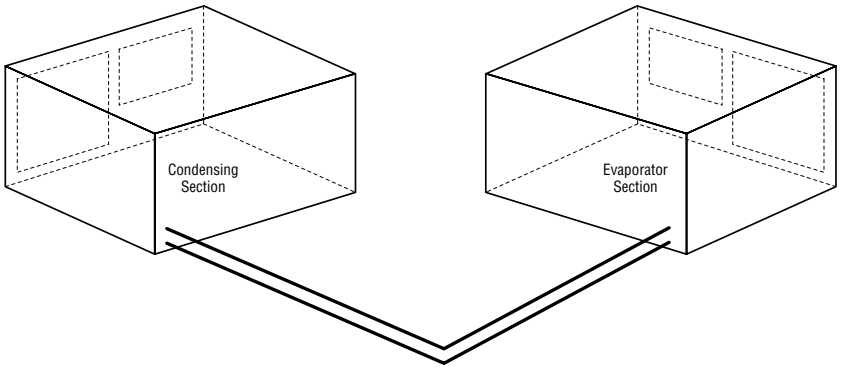
A wide variety of options and custom capabilities permit units to be tailored for specific applications.

Configurations

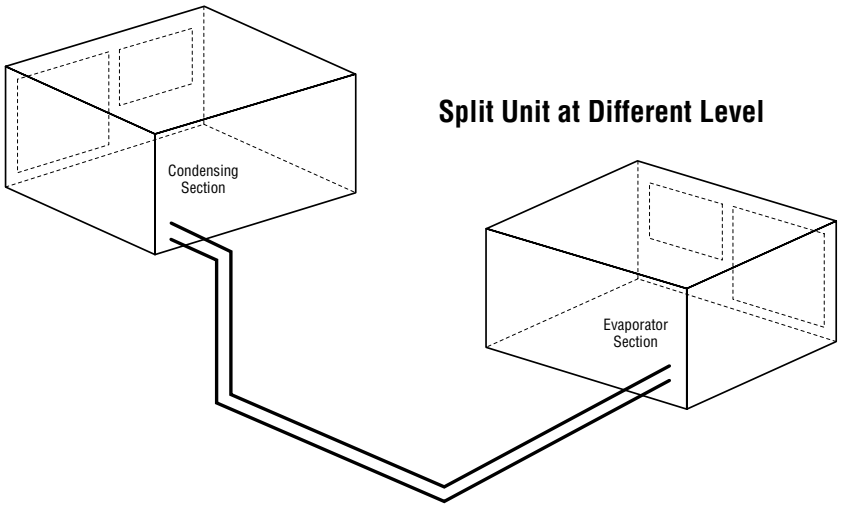
Self-Contained Unit



Split Unit at Same Level



Split Unit at Different Level



Product Features

C-Series units are unique because each can be applied as a close-coupled, single package or split with the evaporator remote from the condensing section. Units are available as air-cooled, water-cooled, heat pump or chilled water configurations. The units can be ceiling or slab mounted. Additionally, the units are available as standard configurations or can be customized for a specific application as a made-to-order unit. Individual sections can be used with other product lines.

- Air-Cooled, Water-Cooled, Chilled Water or Heat Pump Configurations
- Ceiling Mounted or Slab Mounted Package
- 1 and 1-1/2 Ton Single Compressor Unit Height 16”
- 2 thru 5 Ton Single Compressor Unit Height of 22”
- 4 thru 8 Ton Dual Compressor Unit Height of 27”
- 10 thru 15 Ton Multi Compressor Unit Height of 29”
- Cabinets are Scratch-Resistant, Heavy-Duty, 18-Gauge Galvanized Steel
- Split-able in Minutes using Resealable Refrigerant Fittings
- Can Locate Sections with up to 150’ Equivalent Feet of Refrigerant Tubing (contact the factory for specific details and for lengths more than noted above)
- Completely Serviceable at Ceiling
- Access from Both Sides of Unit
- Saves Valuable Floor Space (when ceiling mounted)
- Fits Through 29” Doorways
- Functionally Run Tested at the Factory
- ½” Fiber Glass Lined Cabinet (thermal/acoustical, min. density of 2 lbs.)
- ¾” Drain Connections on Both Evaporator and Condensing Sections
- 304 Stainless Steel Drain Pan in Evaporator Section
- 1” ESP Capability (contact factory with specific requirements; evaporator and condensing sections)
- Belt-Driven Blowers (evaporator and condensing sections)
- Ball Bearing Motors
- Resiliently Mounted Ball Bearings for Blowers
- Blower Shafts 1” up to 1-7/16”
- Cast Iron Pulleys and Sheaves
- Inherently Protected Motors and Compressors (7-1/2 & 10 HP motors externally protected)
- Adjustable Motor Mounts in 2-15 Ton Evaporator and Condensing Sections
- High- and Low-Pressure Switches
- Loss of Air Safety Switch (when electric heat used)
- Crankcase Heaters on All Reciprocating Compressors
- Reciprocating Compressors Externally Spring Mounted
- Individual Contactor for Each Motor, Compressor and Stage of Electric Heat
- Adjustable Expansion Valve with External Equalizer
- Sight Glass / Moisture Indicators
- Filter Driers
- 2” Pleated Filters in all 2 – 15 Ton Units
- 1” Cleanable Filters in 1 and 1-1/2 Ton Units
- Draw-Through Air Flow
- Dual Electrical Control Boxes
- High- and Low-Side Schrader Access Fittings
- Co-Axial Counterflow Heat Exchanger on Water-Cooled Units
- 2-Way, 150 psig Water Regulating Valve on Water-Cooled Units

Partial List of Options (Below Items are Factory Installed):

- Condensate Pump
- Heresite Coated Coils
- Electric Heat or Reheat
- Steam Coils
- Air- or Water-Side Economizer
- Hot Water Coils
- Steam Canister Humidifier
- Drain Pan Overflow Switch
- SCR Controllers
- Freezestat
- Vertical Stacking Unit Configuration
- Pillow Block Bearings
- Double Wall Construction
- Microprocessor Controls
- Modulating Hot Gas Bypass
- Hot Gas Bypass
- Low-Ambient Controls
- Mixing Box
- 3-Way and 350 psig Water Regulating Valves
- Scroll Compressor(s) with Phase Protection

Additional Options (Not Factory Installed):

- Variable Frequency Drive (VFD)
- Non-Fused Disconnects
- Thermostats

Unit Agency Information

Size	MEA No. (NYC)	Listing Agency
2 Thru 8 Ton	59-89-E	ETL
1 & 1-1/2 Tons 4 & 5 Ton (Single Compressor) 10 & 12 Ton	59-89-E Vol. II	ETL
15 Ton	59-89-E Vol. III	ETL
1 thru 15 Ton Water Cooled MagnaCool (Air & Water-Cooled)	59-89-E Vol. IV	MET
1 thru 15 Ton Heat Pumps	223-94-E	MET

Labeled & Listed

Basic Model Designation

EXAMPLE:	C	5	G	3	AS	N	or	MA	10	G	3	A	10	V
	a	b	c	d	e	f		a	b	c	d	e	g	h

a. "C", "SP", "CW", "SPW", "H", "HW", "MA", "MW", "CCW", "E", "B" or "BC"
- "C" Air-Cooled Air Conditioner 2 thru 15 Tons
- "SP" Air-Cooled Air Conditioner 1 & 1.5 Tons
- "CW" Water-Cooled Air Conditioner 2 thru 15 Tons
- "SPW" Water-Cooled Air Conditioner 1 & 1.5 Tons
- "H" Air-Cooled Heat Pump 1 thru 15 Tons
- "HW" Water-Cooled Heat Pump 1 thru 15 Tons
- "MA" Air-Cooled, Microprocessor Control Unit 1 thru 15 Tons
- "MW" Water-Cooled, Microprocessor Control Unit 1 thru 15 Tons
- "CCW" Chilled Water Unit 1 thru 15 Tons
- "E" Evaporator Section only of the unit 1 thru 15 Tons
- "B" Condensing Section only of the unit 1 thru 15 Tons
- "BC" Condenser Section only of the unit 1 thru 15 Tons

b. "2", "3", "4", "5", "6", "8", "10", "12", "15" – Nominal Cooling Capacity in Tons ("12" or "18" for SP units 1 & 1.5 Tons)

c. "G" Common to all

d. "1", "3", "4", "5" or "7" – Indicates Voltage
- "1" 208-230V, 1 PH
- "3" 208-230V, 3 PH
- "4" 460V, 3 PH
- "5" 575V, 3 PH
- "7" 277V, 1 PH

e. "AS", "A" or "B"
- "AS" Indicates 1 Compressor
- "A" Indicates 2 Compressors
- "B" Indicates 3 Compressors

f. "N" Only associated with 4 and 5 Ton units with single compressor; Indicates Low Height cabinet design

g. "02", "05", "10", "15", "20", "25", "30" – Indicates kW Rating for Heaters

h. "V" Indicates Vertical Stacking Unit

Air-Cooled Performance Data

		ENTERING AIR TEMP. DEG. F		AIR OVER CONDENSER					
				75		95		115	
TONS	CFM	DB	WB	TOTAL	SENSIBLE	TOTAL	SENSIBLE	TOTAL	SENSIBLE
1	400	86	72	16,000	11,700	14,500	11,050	13,250	10,600
		80	67	14,500	11,000	13,500	10,600	12,250	10,100
		75	62.5	13,750	10,900	12,890	10,450	11,750	10,050
		72	60	13,340	10,500	12,420	10,100	11,270	9,600
1-1/2	600	86	72	24,100	17,550	23,000	17,050	21,500	16,450
		80	67	23,200	17,100	22,100	16,650	19,100	15,350
		75	62.5	21,400	17,000	20,400	16,500	18,050	15,250
		72	60	21,340	16,300	20,300	15,900	17,500	14,650
2	800	86	72	30,000	22,550	28,000	21,700	26,400	21,000
		80	67	27,500	21,350	26,200	20,800	24,500	20,100
		75	62.5	25,500	20,900	25,000	20,700	23,400	20,050
		72	60	25,300	20,400	24,100	19,800	22,500	19,200
3	1200	86	72	46,000	34,200	42,500	32,800	39,300	31,450
		80	67	43,000	32,800	39,500	31,400	37,400	30,450
		75	62.5	41,000	32,600	37,200	30,950	35,300	30,150
		72	60	39,560	31,300	36,300	30,000	34,400	29,100
4 (Single)	1600	86	72	59,000	44,600	55,000	43,200	52,200	41,800
		80	67	56,000	43,200	52,500	41,650	49,200	40,500
		75	62.5	52,500	42,700	49,200	41,150	47,800	40,400
		72	60	51,520	41,300	48,300	39,800	45,200	38,700
4 (Dual)	1600	86	72	59,000	44,600	55,000	43,200	52,200	41,800
		80	67	56,000	43,200	52,500	41,650	49,200	40,500
		75	62.5	52,500	42,700	49,200	41,150	47,800	40,400
		72	60	51,520	41,300	48,300	39,800	45,200	38,700
5 (Single)	2000	86	72	74,000	55,950	70,000	54,200	67,100	53,150
		80	67	70,000	54,200	67,300	52,900	63,200	52,250
		75	62.5	67,100	53,800	64,500	52,700	60,100	50,750
		72	60	64,400	51,800	61,900	50,500	58,100	49,900
5 (Dual)	2000	86	72	74,000	55,950	70,000	54,200	67,100	53,150
		80	67	70,000	54,200	67,300	52,900	63,200	52,250
		75	62.5	67,100	53,800	64,500	52,700	60,100	50,750
		72	60	64,400	51,800	61,900	50,500	58,100	49,900
6	2400	86	72	84,500	64,300	81,500	64,250	77,200	62,500
		80	67	81,200	63,500	78,300	62,500	73,400	60,400
		75	62.5	78,100	63,200	75,500	62,200	70,100	59,900
		72	60	74,700	60,700	72,000	59,750	67,500	57,700
8	3200	86	72	115,000	87,800	107,400	85,000	103,200	83,650
		80	67	110,000	85,350	103,200	82,800	100,400	81,550
		75	62.5	107,300	85,000	100,300	82,600	96,300	81,200
		72	60	101,200	81,600	94,900	79,100	92,300	77,950
10	4000	86	72	136,000	107,000	132,400	105,400	129,300	104,550
		80	67	133,400	105,800	128,200	103,250	125,400	102,300
		75	62.5	130,200	105,000	124,400	102,800	121,500	101,950
		72	60	122,700	101,100	117,900	98,700	115,300	97,800
12	4800	86	72	163,000	128,550	158,000	126,500	154,500	124,900
		80	67	160,000	127,100	154,000	124,400	148,800	122,300
		75	62.5	156,500	125,900	149,500	123,800	145,300	121,300
		72	60	147,200	121,500	141,600	118,900	136,900	116,900
15	6000	86	72	208,800	162,000	204,500	160,700	196,200	157,450
		80	67	202,500	159,400	199,100	158,100	190,200	153,550
		75	62.5	196,400	158,750	193,500	157,700	182,100	152,900
		72	60	186,300	152,300	183,100	151,100	174,900	146,800

Water-Cooled Performance Data

		ENTERING AIR TEMP. DEG. F			ENTERING WATER TEMPERATURE (10 Deg. Rise)					
					80		85		90	
TONS	CFM	DB	WB	GPM	TOTAL	SENSIBLE	TOTAL	SENSIBLE	TOTAL	SENSIBLE
1	400	86	72	3	15,200	11,690	15,400	11,550	14,300	10,950
		80	67		14,500	11,350	14,300	11,200	13,650	10,650
		75	62.5		13,800	11,100	13,600	11,000	13,000	10,400
		72	60		13,300	10,850	13,100	10,700	12,500	10,150
1-1/2	600	86	72	4.5	23,600	17,500	23,400	17,300	22,200	16,450
		80	67		22,500	17,000	22,200	16,800	21,200	16,000
		75	62.5		21,450	16,650	21,200	16,500	20,200	15,650
		72	60		20,700	16,250	20,400	16,000	19,500	15,300
2	800	86	72	6	30,400	21,900	29,700	21,900	28,600	20,600
		80	67		29,000	21,300	28,600	21,000	27,300	20,000
		75	62.5		27,650	20,850	27,550	20,900	26,000	19,600
		72	60		26,600	20,350	26,300	20,000	25,100	19,100
3	1200	86	72	9	44,500	33,370	45,100	32,900	42,000	31,400
		80	67		42,450	32,400	41,900	31,950	40,000	30,500
		75	62.5		40,500	31,750	40,000	31,000	38,200	29,850
		72	60		39,000	30,950	38,500	30,500	36,800	29,150
4 (Single)	1600	86	72	12	56,400	43,870	56,300	43,500	53,100	41,300
		80	67		53,750	42,600	53,000	42,000	50,600	40,100
		75	62.5		51,300	41,700	49,900	41,700	48,300	39,250
		72	60		49,450	40,700	48,700	40,100	46,500	38,300
4 (Dual)	1600	86	72	12	56,400	43,870	56,300	43,500	53,100	41,300
		80	67		53,750	42,600	53,000	42,000	50,600	40,100
		75	62.5		51,300	41,700	49,900	41,700	48,300	39,250
		72	60		49,450	40,700	48,700	40,100	46,500	38,300
5 (Single)	2000	86	72	15	71,800	55,500	72,100	54,500	67,600	52,300
		80	67		68,400	53,900	67,500	53,200	64,450	50,800
		75	62.5		65,300	52,800	64,800	52,950	61,500	49,750
		72	60		62,900	51,500	62,100	50,800	59,200	48,550
5 (Dual)	2000	86	72	15	71,800	55,500	72,100	54,500	67,600	52,300
		80	67		68,400	53,900	67,500	53,200	64,450	50,800
		75	62.5		65,300	52,800	64,800	52,950	61,500	49,750
		72	60		62,900	51,500	62,100	50,800	59,200	48,550
6	2400	86	72	18	85,700	65,900	82,400	65,300	80,700	62,150
		80	67		81,650	64,000	80,560	63,200	76,900	60,350
		75	62.5		77,950	62,700	76,320	62,900	73,400	59,100
		72	60		75,100	61,150	74,100	60,400	70,700	57,700
8	3200	86	72	24	112,800	87,500	107,900	86,200	106,200	82,400
		80	67		107,500	85,000	106,000	83,800	101,200	80,000
		75	62.5		102,600	83,300	101,500	82,900	96,600	78,400
		72	60		98,900	81,260	97,500	80,100	93,100	76,450
10	4000	86	72	30	141,000	108,500	135,200	105,900	132,800	102,150
		80	67		134,350	105,350	132,500	103,900	126,500	99,200
		75	62.5		128,300	103,200	126,700	103,100	120,800	97,200
		72	60		123,600	100,700	121,900	99,300	116,300	94,800
12	4800	86	72	36	166,000	130,700	159,200	126,700	156,400	123,000
		80	67		158,250	126,950	156,100	125,200	149,000	119,500
		75	62.5		151,000	124,400	151,200	124,200	142,200	117,100
		72	60		145,500	121,300	143,600	119,600	137,000	114,200
15	6000	86	72	45	212,400	165,600	204,600	160,800	200,000	155,900
		80	67		202,300	160,800	199,500	158,600	190,500	151,400
		75	62.5		193,000	157,500	194,100	158,000	181,900	148,350
		72	60		186,100	153,700	183,500	151,600	175,200	144,700

Water-Cooled Valve Sizing and Connections

Water Valve Sizing

Tons	No. of Circuits	3/8"	1/2"	3/4"	1"
1	Single	1			
1.5	Single	1			
2	Single		1		
3	Single			1	
4	Single			1	
5	Single				1
4	Dual		2		
5	Dual			2	
6	Dual			2	
8	Dual			2	
10	Dual				2
12	Triple			3	
15	Triple				3

Water Connections

Tons	Circuits	Pipe Size (O.D.)	Side
1	Single	7/8"	Left
1.5	Single	7/8"	Left
2	Single	7/8"	Left
3	Single	7/8"	Left
4	Single	7/8"	Left
5	Single	1-1/8"	Left
4	Dual	1-1/8"	Right
5	Dual	1-1/8"	Right
6	Dual	1-1/8"	Right
8	Dual	1-1/8"	Right
10	Dual	1-3/8"	Right
12	Triple	1-3/8"	Right
15	Triple	1-3/8"	Right

Notes

1. Standard valves are 2-way 150 psig.

2. Optional valves:
   - 2-way 350 psig
   - 3-way 150 psig
   - 3-way 350 psig
   - 2-way NO solenoid valve bypass with 2-way valve in lieu of 3-way

3. 3-way valve is only placed on lead circuit of multi-circuit units.

4. Water-cooled units are designed for 85° EWT. If water temperature is below 75° or over 95°, contact factory.

5. Nominal 3 GPM/Ton.

6. As a general rule, glycol use de-rates the unit approximately 15% (based on use of 40% ethylene glycol in the unit).

7. Valve settings have head pressure set at 235 psi.

8. Units with free-cooling coil (water-side economizer) also need the valve for this option changed when using the 350 psig water regulating valve.

9. Standard heat exchangers are co-axial with counterflow design.

10. United CoolAir uses propylene glycol when testing all water-cooled units. When shipped, the water circuit may still have a little glycol inside. The water circuit should be flushed with water at the job site before being hooked up to the actual loop.

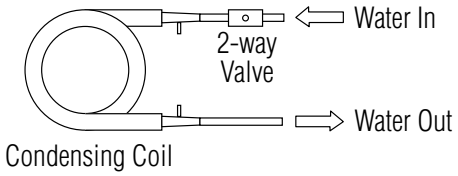
11. The Normally Open (NO) solenoid bypass valve is only available for 150 psig applications.

Correction Factor to Total Cooling Capacity for Change in Water Temperature and / or Flow Rate

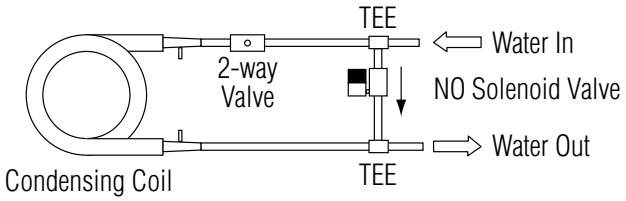
Water Temp.	GPM %			
Entering	65	95	100	118
45	1.074	1.107	1.112	1.132
50	1.060	1.091	1.098	1.118
55	1.046	1.074	1.084	1.103
60	1.032	1.058	1.070	1.089
65	1.018	1.041	1.056	1.074
70	1.005	1.025	1.042	1.060
75	0.992	1.015	1.028	1.046
80	0.978	1.005	1.014	1.031
85	0.965	0.995	1.000	1.017
90	0.921	0.950	0.955	0.971
95	0.878	0.905	0.910	0.926
100	0.834	0.860	0.865	0.880
105	0.790	0.815	0.820	0.834

Water Piping Configurations

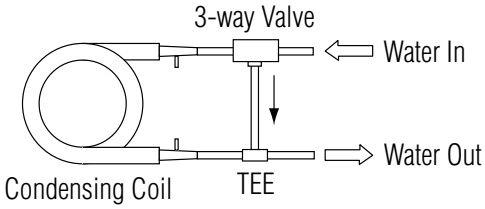
2-Way Single Circuit



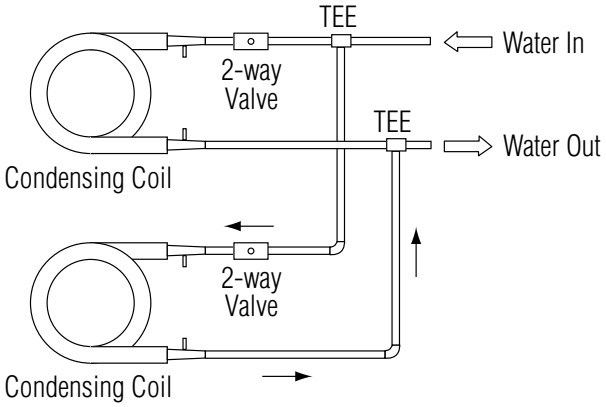
2-Way Single Circuit with Bypass



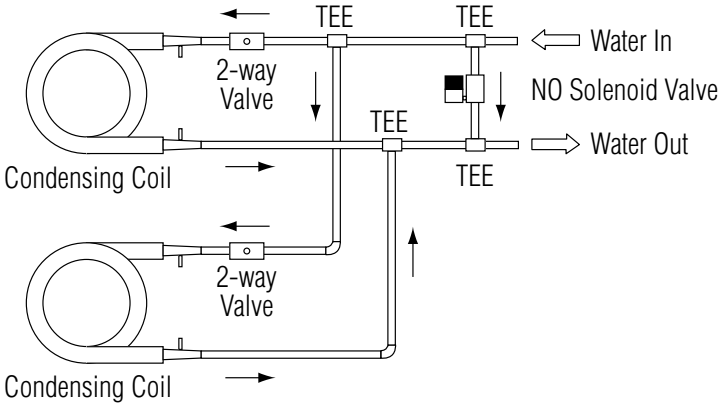
3-Way Single Circuit



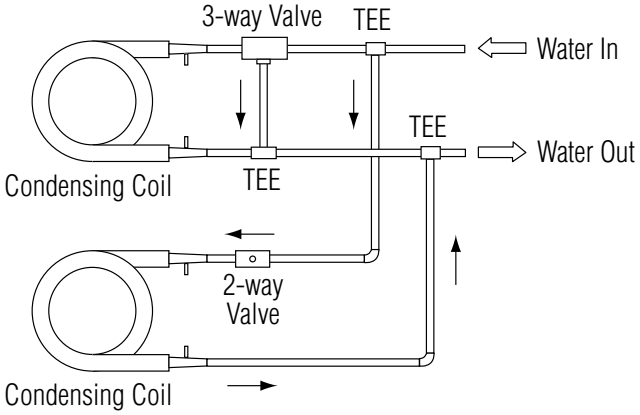
2-Way Dual Circuit



2-Way Dual Circuit with Bypass

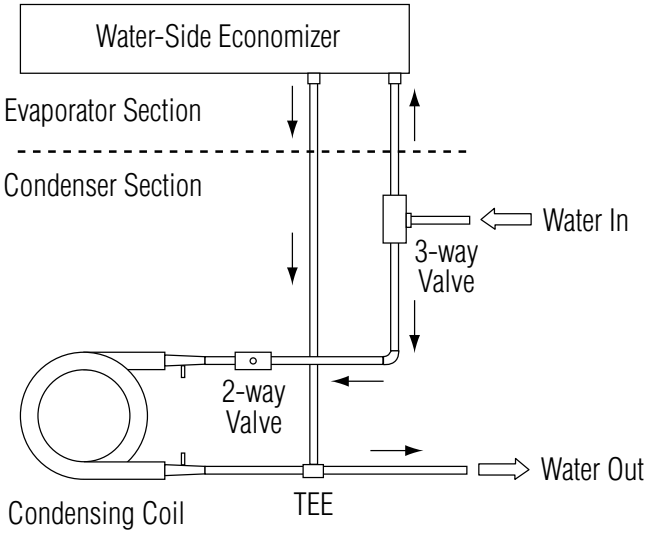


3-Way Dual Circuit

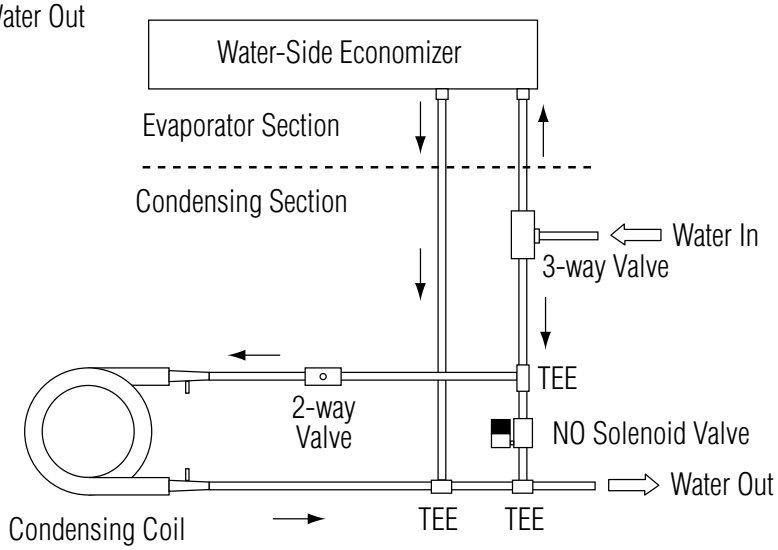


Water Piping Configurations

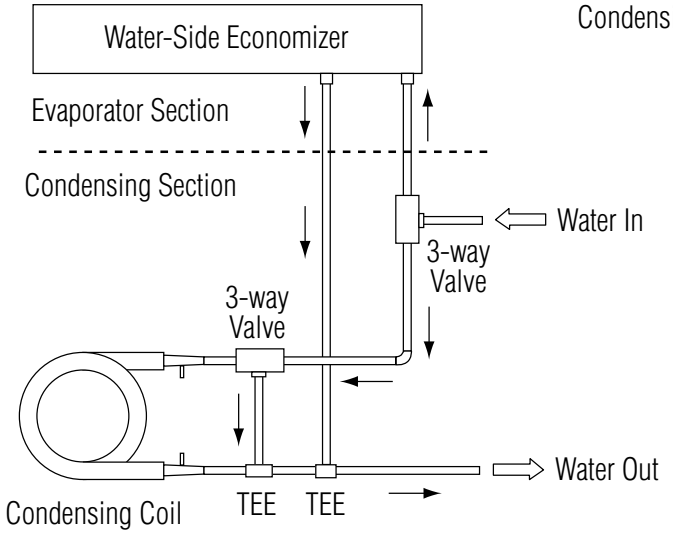
2-Way Single Circuit with Water-Side Economizer



2-Way Single Circuit with Bypass and Water-Side Economizer

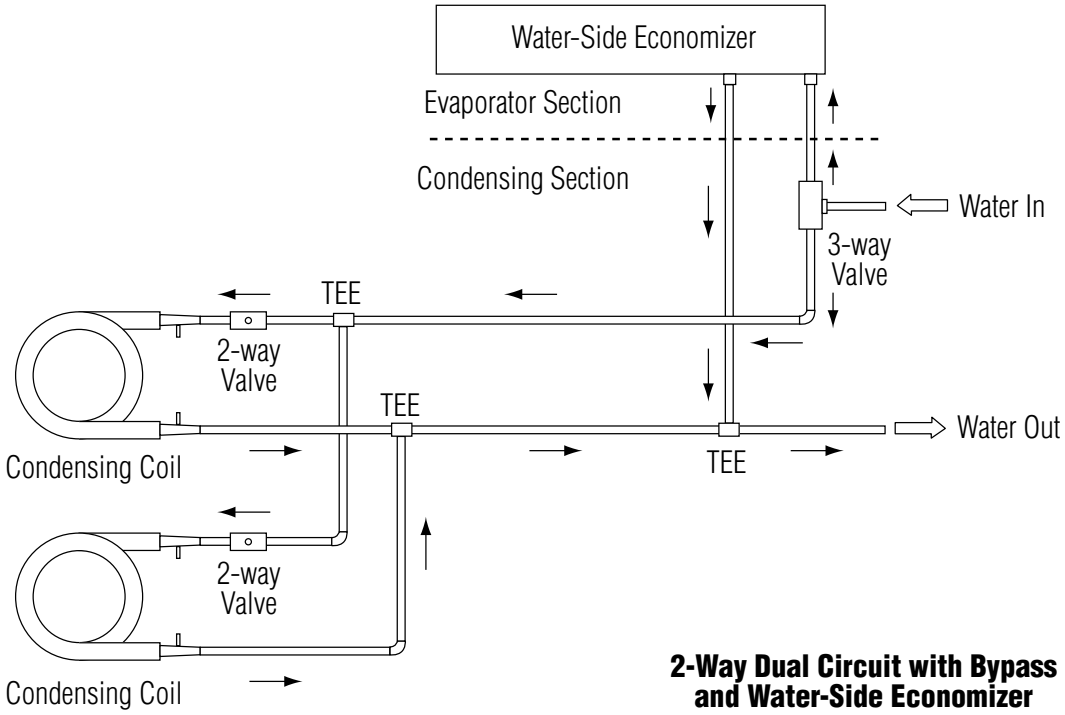


3-Way Single Circuit with Water-Side Economizer

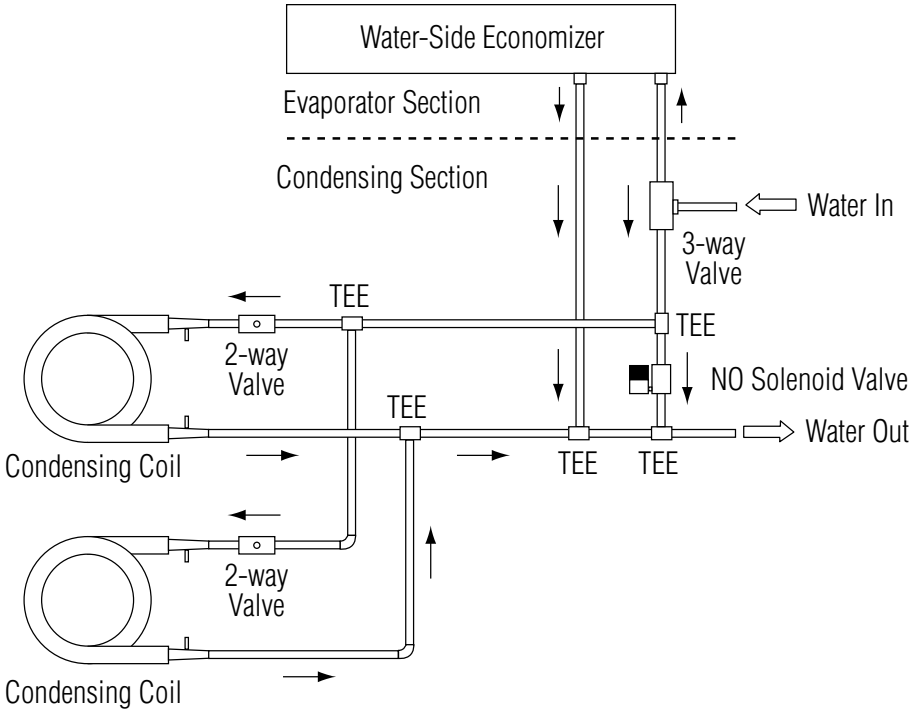


Water Piping Configurations

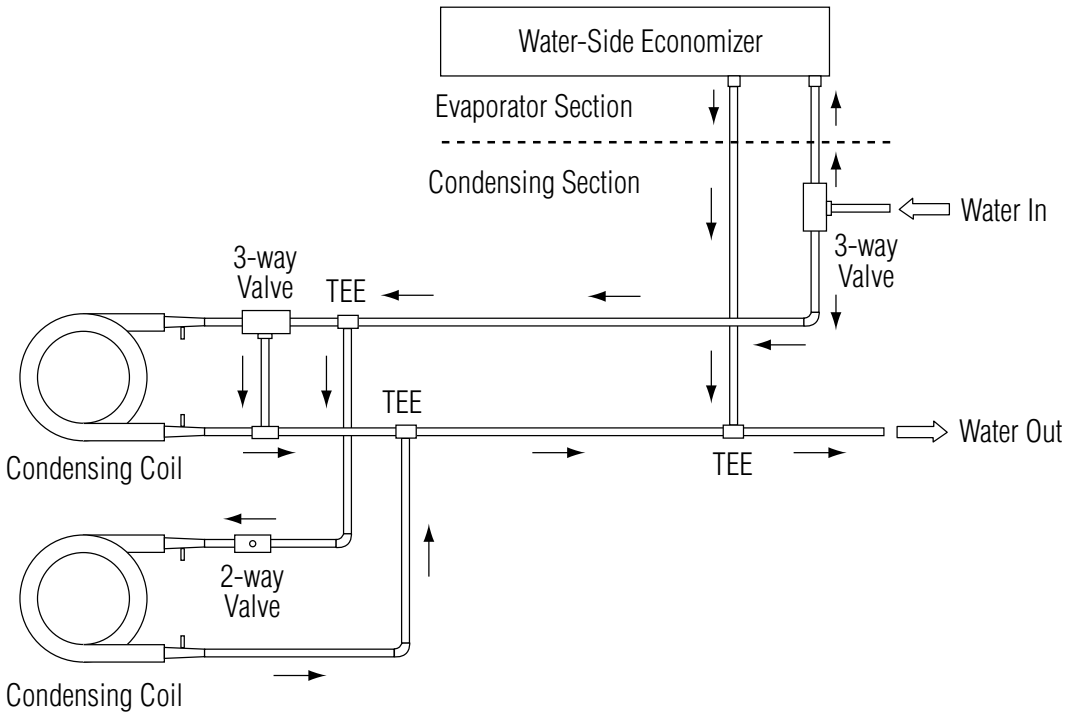
2-Way Dual Circuit with Water-Side Economizer



2-Way Dual Circuit with Bypass and Water-Side Economizer



3-Way Dual Circuit with Water-Side Economizer



Standard Coils (a)

SPCCW12G*
Valve Size: 7/8”
Cabinet Size: 35-13/16” W x 21-7/8” D x 16” H

		PD		86 / 72		80 / 67		75 / 62.5		72 / 60	
EWT	GPM	Ft H_2O	CFM	Total	Sensible	Total	Sensible	Total	Sensible	Total	Sensible
48	4.5	4.76	450	14140	10730	13470	10450	12860	10240	12390	9990
			400	13875	10348	13215	10076	12620	9875	12157	9633
			350	13629	7244	12980	9698	12396	8986	11942	9525
	3	2.23	450	12701	9638	12096	9384	11552	9197	11129	8971
			400	12455	9289	11862	9045	11328	8864	10913	8647
			350	12234	6502	11651	8706	11127	8066	10719	8550
	1.5	0.61	450	9751	7399	9286	7204	8869	7060	8544	6887
			400	9562	7131	9107	6944	8697	6805	8378	6638
			350	9392	4992	8945	6684	8542	6193	8229	6564
45	4.5	4.76	450	15721	11929	14973	11616	14299	11383	13775	11105
			400	15417	11498	14683	11196	14022	10972	13508	10703
			350	15143	11067	14422	10776	13773	10561	13268	10302
	3	2.23	450	14112	10708	13440	10427	12835	10218	12365	9968
			400	13839	10321	13180	10050	12587	9849	12126	9608
			350	13593	7225	12946	9673	12363	8963	11910	9500
	1.5	0.61	450	10834	8221	10318	8005	9854	7845	9493	7653
			400	10624	7924	10118	7716	9663	7561	9309	7376
			350	10436	5547	9939	7426	9492	6881	9144	7293
42	4.5	4.76	450	17294	13122	16470	12777	15729	12522	15152	12215
			400	16959	12648	16151	12316	15424	12069	14859	11774
			350	16658	12174	15864	11854	15151	11617	14595	11332
	3	2.23	450	15524	11779	14784	11470	14119	11240	13602	10965
			400	15223	11353	14498	11055	13846	10834	13338	10569
			350	14953	10928	14241	10640	13600	10428	13101	10172
	1.5	0.61	450	11918	9043	11350	8805	10839	8629	10442	8418
			400	11687	8716	11130	8487	10629	8317	10240	8114
			350	11479	8389	10933	8169	10441	8005	10058	7809

Notes:
1. Performance based on water as the chilled fluid.
2. Pressure drop is for the coil only and does not include a valve.
3. Unit shipped with coil stubbed through the cabinet and capped.

(a) Standard coils are typically stocked. Custom coils will require a special order.

Chilled Water Coil Performance

Standard Coils (a)

SPCCW18G*
Valve Size: 7/8”
Cabinet Size: 35-13/16” W x 21-7/8” D x 16” H

EWT	GPM	PD Ft H_2O	CFM	86 / 72		80 / 67		75 / 62.5		72 / 60	
				Total	Sensible	Total	Sensible	Total	Sensible	Total	Sensible
48	6	8.13	550	14097	10659	13426	10379	12822	10171	12352	9922
			500	13875	10348	13215	10076	12620	9875	12157	9633
			450	13681	10038	13030	9774	12443	9579	11987	9344
	4	3.81	550	15516	11767	14777	11458	14112	11229	13595	10954
			500	15271	11424	14544	11124	13890	10902	13380	10635
			450	15057	11082	14340	10790	13695	10574	13193	10316
	2	1.04	550	9715	7345	9252	7152	8836	7009	8512	6838
			500	9562	7131	9107	6944	8697	6805	8378	6638
			450	9428	6917	8979	6736	8575	6601	8261	6439
45	6	8.13	550	19205	14565	18291	14182	17468	13899	16827	13558
			500	18903	14141	18003	13769	17193	13494	16562	13163
			450	18638	13717	17751	13356	16952	13089	16331	12769
	4	3.81	550	17239	13075	16419	12731	15680	12476	15105	12171
			500	16968	12694	16160	12360	15433	12113	14867	11816
			450	16730	12313	15934	11989	15217	11749	14659	11462
	2	1.04	550	13235	10037	12605	9774	12038	9578	11596	9344
			500	13027	9745	12406	9489	11848	9299	11414	9071
			450	12844	9453	12233	9204	11682	9020	11254	8799
42	6	8.13	550	17230	13027	16410	12685	15671	12431	15097	12127
			500	16959	12648	16151	12316	15424	12069	14859	11774
			450	16721	8854	15925	11946	15208	11707	14651	11420
	4	3.81	550	18963	14382	18060	14004	17248	13724	16616	13388
			500	18665	13963	17776	13596	16976	13324	16354	12998
			450	18403	13544	17527	13188	16738	12924	16125	12608
	2	1.04	550	14558	11041	13865	10751	13241	10536	12756	10278
			500	14329	10720	13647	10438	13033	10229	12555	9979
			450	14129	10398	13456	10125	12850	9922	12379	9679

Notes:
1. Performance based on water as the chilled fluid.
2. Pressure drop is for the coil only and does not include a valve.
3. Unit shipped with coil stubbed through the cabinet and capped.

(a) Standard coils are typically stocked. Custom coils will require a special order.

Standard Coils (a)

CCW2G*
Valve Size: 7/8”
Cabinet Size: 47-1/4” W x 31-3/8” D x 22” H

EWT	GPM	PD Ft H_2O	CFM	86 / 72		80 / 67		75 / 62.5		72 / 60	
				Total	Sensible	Total	Sensible	Total	Sensible	Total	Sensible
48	8	11.33	880	29928	21696	28503	21126	27220	20703	26223	20196
			800	29457	21064	28054	20511	26791	20100	25810	19608
			720	29044	20432	27661	19895	26416	19497	25448	19020
	6	6.58	880	27959	20269	26627	19736	25429	19341	24497	18867
			800	27518	19678	26208	19161	25029	18778	24111	18318
			720	27133	19088	25841	18586	24678	18214	23774	17768
	4	3.07	880	23662	17154	22536	16703	21521	16369	20733	15968
			800	23290	16654	22181	16217	21182	15892	20406	15503
			720	22964	16155	21870	15730	20886	15415	20120	15038
45	8	11.33	880	33253	24107	31670	23473	30245	23004	29136	22440
			800	32730	23405	31171	22789	29768	22334	28677	21787
			720	32271	22703	30735	22106	29352	21664	28276	21133
	6	6.58	880	31065	22521	29586	21929	28255	21490	27219	20964
			800	30576	21865	29120	21290	27810	20864	26790	20353
			720	30148	21209	28712	20651	27420	20238	26415	19743
	4	3.07	880	26291	17289	25039	16835	23913	16498	23036	16094
			800	25877	16786	24645	16345	23536	16018	22674	15625
			720	25515	16282	24300	15854	23207	15537	22356	15157
42	8	11.33	880	36579	26518	34837	25820	33269	25304	32050	24684
			800	36002	25745	34288	25068	32745	24567	31545	23965
			720	35498	18022	33808	24316	32287	23830	31103	23246
	6	6.58	880	34172	24773	32545	24122	31080	23639	29941	23060
			800	33634	24051	32032	23419	30591	22951	29469	22389
			720	33163	23330	31584	22716	30162	22262	29057	21717
	4	3.07	880	28921	20966	27543	20415	26304	20007	25340	19517
			800	28465	20355	27110	19820	25890	19424	24941	18948
			720	28067	19745	26730	19226	25527	18841	24592	18380

Notes:
1. Performance based on water as the chilled fluid.
2. Pressure drop is for the coil only and does not include a valve.
3. Unit shipped with coil stubbed through the cabinet and capped.
4. Pressure drops over 10 Ft. H_2O are considered excessive. Contact the factory for a special coil selection to meet your specific parameters.

(a) Standard coils are typically stocked. Custom coils will require a special order.

Chilled Water Coil Performance

Standard Coils (a)

CCW3G*
Valve Size: 7/8”
Cabinet Size: 47-1/4” W x 31-3/8” D x 22” H

EWT	GPM	PD Ft H_2O	CFM	86 / 72		80 / 67		75 / 62.5		72 / 60	
				Total	Sensible	Total	Sensible	Total	Sensible	Total	Sensible
48	12	24.3	1300	41761	31415	39772	30589	37983	29977	36591	29243
			1200	41205	30649	39243	29843	37477	29246	36103	28530
			1080	40628	29729	38693	28948	36952	28369	35598	27674
	8	11.29	1300	37487	28200	35702	27458	34095	26909	32845	26250
			1200	36987	27512	35226	26789	33641	26253	32408	25610
			1080	36469	26686	34733	25985	33170	25465	31954	24842
	4	3.05	1300	28779	21649	27408	21080	26175	20658	25216	20152
			1200	28396	21121	27043	20566	25826	20155	24880	19661
			1080	27998	20487	26665	19949	25465	19550	24532	19071
45	12	24.3	1300	46401	34906	44192	33988	42203	33308	40656	32492
			1200	45783	34054	43603	33159	41641	32496	40115	31700
			1080	45142	33033	42992	32164	41058	31521	39553	30749
	8	11.29	1300	41652	31333	39668	30509	37883	29899	36495	29167
			1200	41097	30569	39140	29765	37379	29170	36009	28455
			1080	40522	29652	38592	28872	36855	28295	35505	27602
	4	3.05	1300	31977	24055	30454	23422	29083	22954	28018	22392
			1200	31551	23468	30048	22851	28696	22394	27644	21845
			1080	31109	22764	29628	22165	28294	21722	27257	21190
42	12	24.3	1300	51041	38396	48611	37387	46423	36639	44722	35742
			1200	50361	37460	47963	36475	45805	35745	44126	34870
			1080	49656	26222	47292	35381	45164	34673	43508	33824
	8	11.29	1300	45817	34466	43635	33560	41672	32889	40144	32083
			1200	45207	33626	43054	32742	41117	32087	39610	31301
			1080	44574	32617	42451	31759	40541	31124	39055	30362
	4	3.05	1300	35174	26460	33499	25764	31992	25249	30819	24631
			1200	34706	25815	33053	25136	31566	24633	30409	24030
			1080	34220	25040	32590	24382	31124	23894	29983	23309

Notes:
1. Performance based on water as the chilled fluid.
2. Pressure drop is for the coil only and does not include a valve.
3. Unit shipped with coil stubbed through the cabinet and capped.
4. Pressure drops over 10 Ft. H_2O are considered excessive. Contact the factory for a special coil selection to meet your specific parameters.

(a) Standard coils are typically stocked. Custom coils will require a special order.

Standard Coils (a)

CCW4G*
Valve Size: 7/8”
Cabinet Size: 55-1/4” W x 31-3/8” D x 27” H

EWT	GPM	PD Ft H_2O	CFM	86 / 72		80 / 67		75 / 62.5		72 / 60	
				Total	Sensible	Total	Sensible	Total	Sensible	Total	Sensible
48	21	12.04	1760	63459	45435	60437	44241	57718	43356	55602	42294
			1600	62460	44112	59486	42952	56809	42093	54727	41062
			1440	61585	42789	58653	41664	56013	40830	53961	39831
	14	5.49	1760	56964	40785	54251	39713	51810	38918	49911	37965
			1600	56067	39597	53397	38556	50994	37785	49125	36860
			1440	55282	38409	52649	37399	50280	36651	48437	35754
	7	1.44	1760	43732	31311	41649	30488	39775	29878	38317	29146
			1600	43043	30399	40994	29600	39149	29008	37714	28297
			1440	42441	29487	40420	28712	38601	28138	37186	27449
45	21	12.04	1760	70510	50484	67153	49157	64131	48173	61780	46994
			1600	69400	49013	66095	47725	63121	46770	60807	45625
			1440	68428	47543	65170	46293	62237	45367	59956	44256
	14	5.49	1760	63293	45317	60279	44125	57567	43243	55457	42184
			1600	62297	43997	59330	42840	56660	41983	54584	40955
			1440	61424	42677	58499	41555	55867	40724	53819	39726
	7	1.44	1760	48591	34790	46277	33875	44195	33198	42575	32385
			1600	47826	33777	45548	32889	43499	32231	41904	31442
			1440	47156	32763	44911	31902	42890	31264	41318	30498
42	21	12.04	1760	77561	55532	73868	54072	70544	52991	67958	51693
			1600	76340	53915	72705	52497	69433	51447	66888	50187
			1440	75271	37740	71687	50922	68461	49904	65952	48682
	14	5.49	1760	69623	49848	66307	48538	63323	47567	61003	46402
			1600	68526	48396	65263	47124	62326	46182	60042	45051
			1440	67567	46944	64349	45710	61454	44796	59201	43699
	7	1.44	1760	53450	38269	50905	37263	48614	36518	46832	35623
			1600	52608	37154	50103	36178	47849	35454	46095	34586
			1440	51872	36040	49402	35092	47179	34390	45450	33548

Notes:
1. Performance based on water as the chilled fluid.
2. Pressure drop is for the coil only and does not include a valve.
3. Unit shipped with coil stubbed through the cabinet and capped.
4. Pressure drops over 10 Ft. H_2O are considered excessive. Contact the factory for a special coil selection to meet your specific parameters.

(a) Standard coils are typically stocked. Custom coils will require a special order.

Chilled Water Coil Performance

Standard Coils (a)

CCW5G*
Valve Size: 1-1/8”
Cabinet Size: 55-1/4” W x 31-3/8” D x 27” H

EWT	GPM	PD Ft H_2O	CFM	86 / 72		80 / 67		75 / 62.5		72 / 60	
				Total	Sensible	Total	Sensible	Total	Sensible	Total	Sensible
48	21	12.04	2200	70273	52764	66926	51377	63915	50349	61572	49116
			2000	69166	51227	65872	49880	62908	48883	60602	47686
			1800	68198	49690	64950	48384	62027	47416	59754	46255
	14	5.49	2200	63080	47363	60076	46118	57373	45196	55270	44089
			2000	62087	45984	59130	44775	56469	43880	54400	42805
			1800	61217	44604	58302	43432	55679	42563	53638	41521
	7	1.44	2200	48427	36361	46121	35406	44046	34697	42431	33848
			2000	47665	35302	45395	34374	43352	33687	41763	32862
			1800	46997	34243	44759	33343	42745	32676	41179	31876
45	21	12.04	2200	78081	58627	74362	57085	71016	55944	68413	54574
			2000	76851	56919	73191	55423	69898	54314	67336	52984
			1800	75775	55212	72167	53760	68919	52685	66393	51395
	14	5.49	2200	70089	52626	66751	51243	63747	50218	61411	48988
			2000	68985	51093	65700	49750	62744	48755	60444	47561
			1800	68019	49560	64780	48258	61865	47292	59598	46134
	7	1.44	2200	53808	40402	51246	39339	48940	38553	47146	37609
			2000	52961	39225	50439	38194	48169	37430	46404	36513
			1800	52219	38048	49733	37048	47495	36307	45754	35418
42	21	12.04	2200	85889	64489	81799	62794	78118	61538	75255	60031
			2000	84536	62611	80511	60965	76888	59746	74070	58283
			1800	83353	43828	79383	59136	75811	57953	73033	56534
	14	5.49	2200	77098	57889	73426	56367	70122	55239	67552	53887
			2000	75884	56203	72270	54725	69018	53631	66488	52317
			1800	74821	54516	71258	53083	68052	52022	65558	50748
	7	1.44	2200	59189	44442	56370	43273	53834	42408	51861	41369
			2000	58257	43147	55483	42013	52986	41173	51044	40164
			1800	57441	41853	54706	40753	52244	39938	50329	38960

Notes:
1. Performance based on water as the chilled fluid.
2. Pressure drop is for the coil only and does not include a valve.
3. Unit shipped with coil stubbed through the cabinet and capped.
4. Pressure drops over 10 Ft. H_2O are considered excessive. Contact the factory for a special coil selection to meet your specific parameters.

(a) Standard coils are typically stocked. Custom coils will require a special order.

Standard Coils (a)

CCW6G*
Valve Size: 1-1/8”
Cabinet Size: 70-3/8” W x 35-1/2” D x 29” H

EWT	GPM	PD Ft H_2O	CFM	86 / 72		80 / 67		75 / 62.5		72 / 60	
				Total	Sensible	Total	Sensible	Total	Sensible	Total	Sensible
48	30	23.97	2640	83300	63433	79334	61766	75764	60530	72987	59048
			2400	81988	61586	78084	59967	74570	58767	71837	57328
			2160	80841	59738	76991	58168	73526	57004	70832	55608
	20	10.92	2640	74774	56941	71213	55444	68009	54335	65516	53004
			2400	73597	55282	70092	53829	66938	52752	64485	51461
			2160	72566	53624	69111	52214	66001	51170	63582	49917
	10	2.86	2640	57405	43714	54671	42565	52211	41714	50298	40692
			2400	56501	42441	53810	41325	51389	40499	49506	39507
			2160	55710	41168	53057	40085	50670	39284	48813	38322
45	30	23.97	2640	92556	70482	88148	68629	84182	67256	81096	65609
			2400	91098	68429	86760	66630	82856	65297	79819	63698
			2160	89823	66376	85546	64631	81696	63338	78702	61787
	20	10.92	2640	83082	63268	79126	61604	75565	60372	72796	58894
			2400	81774	61425	77880	59810	74375	58614	71650	57178
			2160	80629	59582	76790	58016	73334	56855	70647	55463
	10	2.86	2640	63783	48571	60746	47294	58012	46348	55886	45213
			2400	62779	47157	59789	45917	57099	44999	55006	43896
			2160	61900	45742	58952	44539	56299	43649	54236	42580
42	30	23.97	2640	101811	77530	96963	75492	92600	73982	89206	72170
			2400	100208	75272	95436	73293	91142	71827	87801	70068
			2160	98805	52690	94100	71094	89866	69672	86572	67966
	20	10.92	2640	91391	69594	87039	67765	83122	66409	80076	64783
			2400	89951	67567	85668	65791	81813	64475	78815	62896
			2160	88692	65540	84469	63817	80668	62541	77711	61009
	10	2.86	2640	70162	53428	66821	52024	63814	50983	61475	49735
			2400	69057	51872	65768	50509	62809	49498	60507	48286
			2160	68090	50316	64848	48993	61929	48013	59660	46838

Notes:
1. Performance based on water as the chilled fluid.
2. Pressure drop is for the coil only and does not include a valve.
3. Unit shipped with coil stubbed through the cabinet and capped.
4. Pressure drops over 10 Ft. H_2O are considered excessive. Contact the factory for a special coil selection to meet your specific parameters.

(a) Standard coils are typically stocked. Custom coils will require a special order.

Chilled Water Coil Performance

Standard Coils (a)

CCW8G*
Valve Size: 1-1/8”
Cabinet Size: 70-3/8” W x 35-1/2” D x 29” H

		PD		86 / 72		80 / 67		75 / 62.5		72 / 60	
EWT	GPM	Ft H_2O	CFM	Total	Sensible	Total	Sensible	Total	Sensible	Total	Sensible
48	30	23.97	3000	90980	69605	86647	67775	82748	66420	79715	64793
			2800	89926	68145	85644	66353	81790	65026	78792	63434
			2520	88667	66101	84445	64363	80645	63076	77689	61531
	20	10.92	3000	81667	62481	77779	60838	74279	59622	71556	58161
			2800	80722	61170	76878	59562	73418	58371	70728	56941
			2520	79592	59335	75802	57775	72391	56620	69738	55233
	10	2.86	3000	62697	47967	59712	46706	57025	45772	54935	44651
			2800	61971	46961	59020	45726	56364	44812	54299	43714
			2520	61104	45552	58194	44355	55575	43468	53538	42403
45	30	23.97	3000	101088	77339	96275	75306	91942	73800	88573	71992
			2800	99918	75717	95160	73726	90878	72252	87547	70482
			2520	98519	73445	93828	71514	89605	70084	86321	68368
	20	10.92	3000	90742	69423	86421	67598	82532	66246	79507	64624
			2800	89691	67967	85420	66180	81576	64856	78586	63268
			2520	88435	65928	84224	64195	80434	62911	77486	61370
	10	2.86	3000	69663	53297	66346	51896	63361	50858	61038	49612
			2800	68857	52179	65578	50807	62627	49791	60332	48572
			2520	67893	50614	64660	49283	61750	48297	59487	47114
42	30	23.97	3000	111197	85073	105902	82837	101137	81180	97430	79192
			2800	109910	83288	104676	81099	99966	79477	96302	77530
			2520	108371	58302	103210	78666	98566	77092	94954	75204
	20	10.92	3000	99816	76366	95063	74358	90785	72871	87458	71086
			2800	98660	74764	93962	72798	89734	71342	86445	69595
			2520	97279	72521	92647	70614	88477	69202	85235	67507
	10	2.86	3000	76630	58627	72981	57085	69697	55944	67142	54574
			2800	75743	57397	72136	55888	68890	54770	66365	53429
			2520	74682	55675	71126	54211	67925	53127	65436	51826

Notes:
1. Performance based on water as the chilled fluid.
2. Pressure drop is for the coil only and does not include a valve.
3. Unit shipped with coil stubbed through the cabinet and capped.
4. Pressure drops over 10 Ft. H_2O are considered excessive. Contact the factory for a special coil selection to meet your specific parameters.

(a) Standard coils are typically stocked. Custom coils will require a special order.

1 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
SP12G1AS	1	208/230-1-60	34.2	7	1/2	3.8	1/2	3.8	- - -	- - -	- - -	- - -	16.4	25
SP12G3AS	1	208/230-3-60	31	4.7	1/2	2.2	1/2	2.2	- - -	- - -	- - -	- - -	10.3	15
SP12G4AS	1	460-3-60	15	2.6	1/2	1.3	1/2	1.3	- - -	- - -	- - -	- - -	5.9	10
SP12G1AS	1	208/230-1-60	34.2	7	3/4	5.8	1/2	3.8	- - -	- - -	- - -	- - -	18.4	30
SP12G3AS	1	208/230-3-60	31	4.7	3/4	3.2	1/2	2.2	- - -	- - -	- - -	- - -	11.3	20
SP12G4AS	1	460-3-60	15	2.6	3/4	1.5	1/2	1.3	- - -	- - -	- - -	- - -	6.1	10
SP12G1AS	1	208/230-1-60	34.2	7	1/2	3.8	3/4	5.8	- - -	- - -	- - -	- - -	18.4	30
SP12G3AS	1	208/230-3-60	31	4.7	1/2	2.2	3/4	3.2	- - -	- - -	- - -	- - -	11.3	20
SP12G4AS	1	460-3-60	15	2.6	1/2	1.3	3/4	1.5	- - -	- - -	- - -	- - -	6.1	10
SP12G1AS	1	208/230-1-60	34.2	7	3/4	5.8	3/4	5.8	- - -	- - -	- - -	- - -	20.4	30
SP12G3AS	1	208/230-3-60	31	4.7	3/4	3.2	3/4	3.2	- - -	- - -	- - -	- - -	12.3	20
SP12G4AS	1	460-3-60	15	2.6	3/4	1.5	3/4	1.5	- - -	- - -	- - -	- - -	6.3	10
SP12G1AS02	1	208/230-1-60	34.2	7	1/2	3.8	1/2	3.8	Heat	2	7.22	- - -	16.4	25
SP12G3AS02	1	208/230-3-60	31	4.7	1/2	2.2	1/2	2.2	Heat	2	7.22	- - -	11.8	15
SP12G4AS02	1	460-3-60	15	2.6	1/2	1.3	1/2	1.3	Heat	2	4.75	- - -	7.6	10
SP12G1AS02	1	208/230-1-60	34.2	7	3/4	5.8	1/2	3.8	Heat	2	7.22	- - -	18.4	30
SP12G3AS02	1	208/230-3-60	31	4.7	3/4	3.2	1/2	2.2	Heat	2	7.22	- - -	13	20
SP12G4AS02	1	460-3-60	15	2.6	3/4	1.5	1/2	1.3	Heat	2	4.75	- - -	7.8	10
SP12G1AS02	1	208/230-1-60	34.2	7	1/2	3.8	3/4	5.8	Heat	2	7.22	- - -	18.4	30
SP12G3AS02	1	208/230-3-60	31	4.7	1/2	2.2	3/4	3.2	Heat	2	7.22	- - -	11.8	20
SP12G4AS02	1	460-3-60	15	2.6	1/2	1.3	3/4	1.5	Heat	2	4.75	- - -	7.6	10
SP12G1AS02	1	208/230-1-60	34.2	7	3/4	5.8	3/4	5.8	Heat	2	7.22	- - -	20.4	30
SP12G3AS02	1	208/230-3-60	31	4.7	3/4	3.2	3/4	3.2	Heat	2	7.22	- - -	13	20
SP12G4AS02	1	460-3-60	15	2.6	3/4	1.5	3/4	1.5	Heat	2	4.75	- - -	7.8	10

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

1.5 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS			
SP18G1AS	1.5	208/230-1-60	48.2	10.4	1/2	3.8	1/2	3.8	- - -	- - -	- - -	- - -	20.6	35
SP18G3AS	1.5	208/230-3-60	41	6.5	1/2	2.2	1/2	2.2	- - -	- - -	- - -	- - -	12.5	20
SP18G4AS	1.5	460-3-60	17.4	4.1	1/2	1.3	1/2	1.3	- - -	- - -	- - -	- - -	7.7	15
SP18G1AS	1.5	208/230-1-60	48.2	10.4	3/4	5.8	1/2	3.8	- - -	- - -	- - -	- - -	22.6	35
SP18G3AS	1.5	208/230-3-60	41	6.5	3/4	3.2	1/2	2.2	- - -	- - -	- - -	- - -	13.5	25
SP18G4AS	1.5	460-3-60	17.4	4.1	3/4	1.5	1/2	1.3	- - -	- - -	- - -	- - -	7.9	15
SP18G1AS	1.5	208/230-1-60	48.2	10.4	1/2	3.8	3/4	5.8	- - -	- - -	- - -	- - -	22.6	35
SP18G3AS	1.5	208/230-3-60	41	6.5	1/2	2.2	3/4	3.2	- - -	- - -	- - -	- - -	13.5	25
SP18G4AS	1.5	460-3-60	17.4	4.1	1/2	1.3	3/4	1.5	- - -	- - -	- - -	- - -	7.9	15
SP18G1AS	1.5	208/230-1-60	48.2	10.4	3/4	5.8	3/4	5.8	- - -	- - -	- - -	- - -	24.6	40
SP18G3AS	1.5	208/230-3-60	41	6.5	3/4	3.2	3/4	3.2	- - -	- - -	- - -	- - -	14.5	25
SP18G4AS	1.5	460-3-60	17.4	4.1	3/4	1.5	3/4	1.5	- - -	- - -	- - -	- - -	8.1	15
SP18G1AS02	1.5	208/230-1-60	48.2	10.4	1/2	3.8	1/2	3.8	Heat	2	7.22	- - -	20.6	35
SP18G3AS02	1.5	208/230-3-60	41	6.5	1/2	2.2	1/2	2.2	Heat	2	7.22	- - -	12.5	20
SP18G4AS02	1.5	460-3-60	17.4	4.1	1/2	1.3	1/2	1.3	Heat	2	4.75	- - -	7.7	15
SP18G1AS02	1.5	208/230-1-60	48.2	10.4	3/4	5.8	1/2	3.8	Heat	2	7.22	- - -	22.6	35
SP18G3AS02	1.5	208/230-3-60	41	6.5	3/4	3.2	1/2	2.2	Heat	2	7.22	- - -	13.5	25
SP18G4AS02	1.5	460-3-60	17.4	4.1	3/4	1.5	1/2	1.3	Heat	2	4.75	- - -	7.9	15
SP18G1AS02	1.5	208/230-1-60	48.2	10.4	1/2	3.8	3/4	5.8	Heat	2	7.22	- - -	22.6	35
SP18G3AS02	1.5	208/230-3-60	41	6.5	1/2	2.2	3/4	3.2	Heat	2	7.22	- - -	13.5	25
SP18G4AS02	1.5	460-3-60	17.4	4.1	1/2	1.3	3/4	1.5	Heat	2	4.75	- - -	7.9	15
SP18G1AS02	1.5	208/230-1-60	48.2	10.4	3/4	5.8	3/4	5.8	Heat	2	7.22	- - -	24.6	40
SP18G3AS02	1.5	208/230-3-60	41	6.5	3/4	3.2	3/4	3.2	Heat	2	7.22	- - -	14.5	25
SP18G4AS02	1.5	460-3-60	17.4	4.1	3/4	1.5	3/4	1.5	Heat	2	4.75	- - -	8.1	15
SP18G1AS05	1.5	208/230-1-60	48.2	10.4	1/2	3.8	1/2	3.8	Heat	5	18.06	- - -	27.3	35
SP18G3AS05	1.5	208/230-3-60	41	6.5	1/2	2.2	1/2	2.2	Heat	5	18.06	- - -	25.3	30
SP18G4AS05	1.5	460-3-60	17.4	4.1	1/2	1.3	1/2	1.3	Heat	5	11.88	- - -	16.5	20
SP18G1AS05	1.5	208/230-1-60	48.2	10.4	3/4	5.8	1/2	3.8	Heat	5	18.06	- - -	29.8	35
SP18G3AS05	1.5	208/230-3-60	41	6.5	3/4	3.2	1/2	2.2	Heat	5	18.06	- - -	26.6	30
SP18G4AS05	1.5	460-3-60	17.4	4.1	3/4	1.5	1/2	1.3	Heat	5	11.88	- - -	16.7	20
SP18G1AS05	1.5	208/230-1-60	48.2	10.4	1/2	3.8	3/4	5.8	Heat	5	18.06	- - -	27.3	35
SP18G3AS05	1.5	208/230-3-60	41	6.5	1/2	2.2	3/4	3.2	Heat	5	18.06	- - -	25.3	30
SP18G4AS05	1.5	460-3-60	17.4	4.1	1/2	1.3	3/4	1.5	Heat	5	11.88	- - -	16.5	20
SP18G1AS05	1.5	208/230-1-60	48.2	10.4	3/4	5.8	3/4	5.8	Heat	5	18.06	- - -	29.8	40
SP18G3AS05	1.5	208/230-3-60	41	6.5	3/4	3.2	3/4	3.2	Heat	5	18.06	- - -	26.6	30
SP18G4AS05	1.5	460-3-60	17.4	4.1	3/4	1.5	3/4	1.5	Heat	5	11.88	- - -	16.7	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

2 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS			
C2G1AS	2	208/230-1-60	59	13.4	1/2	3.8	3/4	5.8	- - -	- - -	- - -	- - -	26.4	40
C2G3AS	2	208/230-3-60	50	8.7	1/2	2.2	3/4	3.2	- - -	- - -	- - -	- - -	16.3	25
C2G4AS	2	460-3-60	25	4.2	1/2	1.3	3/4	1.5	- - -	- - -	- - -	- - -	8.1	15
C2G1AS	2	208/230-1-60	59	13.4	3/4	5.8	3/4	5.8	- - -	- - -	- - -	- - -	28.4	45
C2G3AS	2	208/230-3-60	50	8.7	3/4	3.2	3/4	3.2	- - -	- - -	- - -	- - -	17.3	30
C2G4AS	2	460-3-60	25	4.2	3/4	1.5	3/4	1.5	- - -	- - -	- - -	- - -	8.3	15
C2G1AS	2	208/230-1-60	59	13.4	1/2	3.8	1	7.0	- - -	- - -	- - -	- - -	27.6	45
C2G3AS	2	208/230-3-60	50	8.7	1/2	2.2	1	3.4	- - -	- - -	- - -	- - -	16.5	30
C2G4AS	2	460-3-60	25	4.2	1/2	1.3	1	1.6	- - -	- - -	- - -	- - -	8.2	15
C2G1AS	2	208/230-1-60	59	13.4	3/4	5.8	1	7.0	- - -	- - -	- - -	- - -	29.6	45
C2G3AS	2	208/230-3-60	50	8.7	3/4	3.2	1	3.4	- - -	- - -	- - -	- - -	17.5	30
C2G4AS	2	460-3-60	25	4.2	3/4	1.5	1	1.6	- - -	- - -	- - -	- - -	8.4	15
C2G1AS05	2	208/230-1-60	59	13.4	1/2	3.8	3/4	5.8	Heat	5	18.06	- - -	27.3	40
C2G3AS05	2	208/230-3-60	50	8.7	1/2	2.2	3/4	2.5	Heat	5	18.06	- - -	25.3	30
C2G4AS05	2	460-3-60	25	4.2	1/2	1.3	3/4	1.3	Heat	5	11.88	- - -	16.5	20
C2G1AS05	2	208/230-1-60	59	13.4	3/4	5.8	3/4	5.8	Heat	5	18.06	- - -	29.8	45
C2G3AS05	2	208/230-3-60	50	8.7	3/4	3.2	3/4	3.2	Heat	5	18.06	- - -	26.6	30
C2G4AS05	2	460-3-60	25	4.2	3/4	1.5	3/4	1.5	Heat	5	11.88	- - -	16.7	20
C2G1AS05	2	208/230-1-60	59	13.4	1/2	3.8	1	7.0	Heat	5	18.06	- - -	27.6	45
C2G3AS05	2	208/230-3-60	50	8.7	1/2	2.2	1	3.4	Heat	5	18.06	- - -	25.3	30
C2G4AS05	2	460-3-60	25	4.2	1/2	1.3	1	1.6	Heat	5	11.88	- - -	16.5	20
C2G1AS05	2	208/230-1-60	59	13.4	3/4	5.8	1	7.0	Heat	5	18.06	- - -	29.8	45
C2G3AS05	2	208/230-3-60	50	8.7	3/4	3.2	1	3.4	Heat	5	18.06	- - -	26.6	30
C2G4AS05	2	460-3-60	25	4.2	3/4	1.5	1	1.6	Heat	5	11.88	- - -	16.7	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

3 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS			
C3G1AS	3	208/230-1-60	93	22.5	3/4	5.8	1	7.0	- - -	- - -	- - -	- - -	40.9	65
C3G3AS	3	208/230-3-60	74	14.3	3/4	3.2	1	3.4	- - -	- - -	- - -	- - -	24.5	40
C3G4AS	3	460-3-60	41	6.7	3/4	1.5	1	1.6	- - -	- - -	- - -	- - -	11.5	20
C3G1AS	3	208/230-1-60	93	22.5	1	7.0	1	7.0	- - -	- - -	- - -	- - -	42.1	65
C3G3AS	3	208/230-3-60	74	14.3	1	3.4	1	3.4	- - -	- - -	- - -	- - -	24.7	40
C3G4AS	3	460-3-60	41	6.7	1	1.6	1	1.6	- - -	- - -	- - -	- - -	11.6	20
C3G1AS	3	208/230-1-60	93	22.5	3/4	5.8	1-1/2	9.4	- - -	- - -	- - -	- - -	43.3	70
C3G3AS	3	208/230-3-60	74	14.3	3/4	3.2	1-1/2	5.0	- - -	- - -	- - -	- - -	26.1	45
C3G4AS	3	460-3-60	41	6.7	3/4	1.5	1-1/2	2.4	- - -	- - -	- - -	- - -	12.3	20
C3G1AS	3	208/230-1-60	93	22.5	1	7.0	1-1/2	9.4	- - -	- - -	- - -	- - -	44.5	70
C3G3AS	3	208/230-3-60	74	14.3	1	3.4	1-1/2	5.0	- - -	- - -	- - -	- - -	26.3	45
C3G4AS	3	460-3-60	41	6.7	1	1.6	1-1/2	2.4	- - -	- - -	- - -	- - -	12.4	20
C3G1AS05	3	208/230-1-60	93	22.5	3/4	5.8	1	7.0	Heat	5	18.06	- - -	40.9	65
C3G3AS05	3	208/230-3-60	74	14.3	3/4	3.2	1	3.4	Heat	5	18.06	- - -	26.6	40
C3G4AS05	3	460-3-60	41	6.7	3/4	1.5	1	1.6	Heat	5	11.88	- - -	16.7	20
C3G1AS05	3	208/230-1-60	93	22.5	1	7.0	1	7.0	Heat	5	18.06	- - -	42.1	65
C3G3AS05	3	208/230-3-60	74	14.3	1	3.4	1	3.4	Heat	5	18.06	- - -	26.8	40
C3G4AS05	3	460-3-60	41	6.7	1	1.6	1	1.6	Heat	5	11.88	- - -	16.9	20
C3G1AS05	3	208/230-1-60	93	22.5	3/4	5.8	1-1/2	9.4	Heat	5	18.06	- - -	43.3	70
C3G3AS05	3	208/230-3-60	74	14.3	3/4	3.2	1-1/2	5.0	Heat	5	18.06	- - -	26.6	45
C3G4AS05	3	460-3-60	41	6.7	3/4	1.5	1-1/2	2.4	Heat	5	11.88	- - -	16.7	20
C3G1AS05	3	208/230-1-60	93	22.5	1	7.0	1-1/2	9.4	Heat	5	18.06	- - -	44.5	70
C3G3AS05	3	208/230-3-60	74	14.3	1	3.4	1-1/2	5.0	Heat	5	18.06	- - -	26.8	45
C3G4AS05	3	460-3-60	41	6.7	1	1.6	1-1/2	2.4	Heat	5	11.88	- - -	16.9	20
C3G1AS10	3	208/230-1-60	93	22.5	3/4	5.8	1	7.0	Heat	10	36.11	- - -	52.4	65
C3G3AS10	3	208/230-3-60	74	14.3	3/4	3.2	1	3.4	Heat	10	20.85	- - -	30.1	40
C3G4AS10	3	460-3-60	41	6.7	3/4	1.5	1	1.6	Heat	10	13.72	- - -	19	20
C3G1AS10	3	208/230-1-60	93	22.5	1	7.0	1	7.0	Heat	10	36.11	- - -	53.9	65
C3G3AS10	3	208/230-3-60	74	14.3	1	3.4	1	3.4	Heat	10	20.85	- - -	30.3	40
C3G4AS10	3	460-3-60	41	6.7	1	1.6	1	1.6	Heat	10	13.72	- - -	19.2	20
C3G1AS10	3	208/230-1-60	93	22.5	3/4	5.8	1-1/2	9.4	Heat	10	36.11	- - -	52.4	70
C3G3AS10	3	208/230-3-60	74	14.3	3/4	3.2	1-1/2	5.0	Heat	10	20.85	- - -	30.1	45
C3G4AS10	3	460-3-60	41	6.7	3/4	1.5	1-1/2	2.4	Heat	10	13.72	- - -	19	20
C3G1AS10	3	208/230-1-60	93	22.5	1	7.0	1-1/2	9.4	Heat	10	36.11	- - -	53.9	70
C3G3AS10	3	208/230-3-60	74	14.3	1	3.4	1-1/2	5.0	Heat	10	20.85	- - -	30.3	45
C3G4AS10	3	460-3-60	41	6.7	1	1.6	1-1/2	2.4	Heat	10	13.72	- - -	19.2	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

4 Ton Air-Cooled Electrical Data

Single Circuit

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
C4G1ASN	4	208/230-1-60	125	30.7	1	7.0	1-1/2	9.4	- - -	- - -	- - -	- - -	54.8	90
C4G3ASN	4	208/230-3-60	90	17.9	1	3.4	1-1/2	5.0	- - -	- - -	- - -	- - -	30.8	50
C4G4ASN	4	460-3-60	45	8.6	1	1.6	1-1/2	2.4	- - -	- - -	- - -	- - -	14.8	25
C4G1ASN	4	208/230-1-60	125	30.7	1-1/2	9.4	1-1/2	9.4	- - -	- - -	- - -	- - -	57.2	90
C4G3ASN	4	208/230-3-60	90	17.9	1-1/2	5.0	1-1/2	5.0	- - -	- - -	- - -	- - -	32.4	55
C4G4ASN	4	460-3-60	45	8.6	1-1/2	2.4	1-1/2	2.4	- - -	- - -	- - -	- - -	15.6	25
C4G1ASN	4	208/230-1-60	125	30.7	1	7.0	2	13.7	- - -	- - -	- - -	- - -	59.1	90
C4G3ASN	4	208/230-3-60	90	17.9	1	3.4	2	6.5	- - -	- - -	- - -	- - -	32.3	55
C4G4ASN	4	460-3-60	45	8.6	1	1.6	2	3.1	- - -	- - -	- - -	- - -	15.5	25
C4G1ASN	4	208/230-1-60	125	30.7	1-1/2	9.4	2	13.7	- - -	- - -	- - -	- - -	61.5	95
C4G3ASN	4	208/230-3-60	90	17.9	1-1/2	5.0	2	6.5	- - -	- - -	- - -	- - -	33.9	55
C4G4ASN	4	460-3-60	45	8.6	1-1/2	2.4	2	3.1	- - -	- - -	- - -	- - -	16.3	25
C4G1ASN05	4	208/230-1-60	125	30.7	1	7.0	1-1/2	9.4	Heat	5	18.06	- - -	54.8	90
C4G3ASN05	4	208/230-3-60	90	17.9	1	3.4	1-1/2	5.0	Heat	5	18.06	- - -	30.8	50
C4G4ASN05	4	460-3-60	45	8.6	1	1.6	1-1/2	2.4	Heat	5	11.88	- - -	16.9	25
C4G1ASN05	4	208/230-1-60	125	30.7	1-1/2	9.4	1-1/2	9.4	Heat	5	18.06	- - -	57.2	90
C4G3ASN05	4	208/230-3-60	90	17.9	1-1/2	5.0	1-1/2	5.0	Heat	5	18.06	- - -	32.4	55
C4G4ASN05	4	460-3-60	45	8.6	1-1/2	2.4	1-1/2	2.4	Heat	5	11.88	- - -	17.9	25
C4G1ASN05	4	208/230-1-60	125	30.7	1	7.0	2	13.7	Heat	5	18.06	- - -	59.1	90
C4G3ASN05	4	208/230-3-60	90	17.9	1	3.4	2	6.5	Heat	5	18.06	- - -	32.3	55
C4G4ASN05	4	460-3-60	45	8.6	1	1.6	2	3.1	Heat	5	11.88	- - -	16.9	25
C4G1ASN05	4	208/230-1-60	125	30.7	1-1/2	9.4	2	13.7	Heat	5	18.06	- - -	61.5	95
C4G3ASN05	4	208/230-3-60	90	17.9	1-1/2	5.0	2	6.5	Heat	5	18.06	- - -	33.9	55
C4G4ASN05	4	460-3-60	45	8.6	1-1/2	2.4	2	3.1	Heat	5	11.88	- - -	17.9	25
C4G1ASN10	4	208/230-1-60	125	30.7	1	7.0	1-1/2	9.4	Heat	10	36.11	- - -	54.8	90
C4G3ASN10	4	208/230-3-60	90	17.9	1	3.4	1-1/2	5.0	Heat	10	20.85	- - -	30.8	50
C4G4ASN10	4	460-3-60	45	8.6	1	1.6	1-1/2	2.4	Heat	10	13.72	- - -	19.2	25
C4G1ASN10	4	208/230-1-60	125	30.7	1-1/2	9.4	1-1/2	9.4	Heat	10	36.11	- - -	57.2	90
C4G3ASN10	4	208/230-3-60	90	17.9	1-1/2	5.0	1-1/2	5.0	Heat	10	20.85	- - -	32.4	55
C4G4ASN10	4	460-3-60	45	8.6	1-1/2	2.4	1-1/2	2.4	Heat	10	13.72	- - -	20.2	25
C4G1ASN10	4	208/230-1-60	125	30.7	1	7.0	2	13.7	Heat	10	36.11	- - -	59.1	90
C4G3ASN10	4	208/230-3-60	90	17.9	1	3.4	2	6.5	Heat	10	20.85	- - -	32.3	55
C4G4ASN10	4	460-3-60	45	8.6	1	1.6	2	3.1	Heat	10	13.72	- - -	19.2	25
C4G1ASN10	4	208/230-1-60	125	30.7	1-1/2	9.4	2	13.7	Heat	10	36.11	- - -	61.5	95
C4G3ASN10	4	208/230-3-60	90	17.9	1-1/2	5.0	2	6.5	Heat	10	20.85	- - -	33.9	55
C4G4ASN10	4	460-3-60	45	8.6	1-1/2	2.4	2	3.1	Heat	10	13.72	- - -	20.2	25
C4G3ASN15	4	208/230-3-60	90	17.9	1	3.4	1-1/2	5.0	Heat	15	31.27	- - -	43.3	50
C4G4ASN15	4	460-3-60	45	8.6	1	1.6	1-1/2	2.4	Heat	15	20.58	- - -	27.7	30
C4G3ASN15	4	208/230-3-60	90	17.9	1-1/2	5.0	1-1/2	5.0	Heat	15	31.27	- - -	45.3	55
C4G4ASN15	4	460-3-60	45	8.6	1-1/2	2.4	1-1/2	2.4	Heat	15	20.58	- - -	28.7	30
C4G3ASN15	4	208/230-3-60	90	17.9	1	3.4	2	6.5	Heat	15	31.27	- - -	43.3	55
C4G4ASN15	4	460-3-60	45	8.6	1	1.6	2	3.1	Heat	15	20.58	- - -	27.7	30
C4G3ASN15	4	208/230-3-60	90	17.9	1-1/2	5.0	2	6.5	Heat	15	31.27	- - -	45.3	55
C4G4ASN15	4	460-3-60	45	8.6	1-1/2	2.4	2	3.1	Heat	15	20.58	- - -	28.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Values listed are typical and may vary dependent upon the components utilized.

4 Ton Air-Cooled Electrical Data

Dual Circuit

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS			
C4G1A	4	208/230-1-60	59 ea	13.4 ea	1	7.0	1-1/2	9.4	- - -	- - -	- - -	- - -	46.6	60
C4G3A	4	208/230-3-60	50 ea	8.7 ea	1	3.4	1-1/2	5.0	- - -	- - -	- - -	- - -	28.0	40
C4G4A	4	460-3-60	25 ea	4.2 ea	1	1.6	1-1/2	2.4	- - -	- - -	- - -	- - -	13.5	20
C4G1A	4	208/230-1-60	59 ea	13.4 ea	1-1/2	9.4	1-1/2	9.4	- - -	- - -	- - -	- - -	49.0	65
C4G3A	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	1-1/2	5.0	- - -	- - -	- - -	- - -	29.6	40
C4G4A	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	1-1/2	2.4	- - -	- - -	- - -	- - -	14.3	20
C4G1A	4	208/230-1-60	59 ea	13.4 ea	1	7.0	2	13.7	- - -	- - -	- - -	- - -	50.9	65
C4G3A	4	208/230-3-60	50 ea	8.7 ea	1	3.4	2	6.5	- - -	- - -	- - -	- - -	29.5	40
C4G4A	4	460-3-60	25 ea	4.2 ea	1	1.6	2	3.1	- - -	- - -	- - -	- - -	14.2	20
C4G1A	4	208/230-1-60	59 ea	13.4 ea	1-1/2	9.4	2	13.7	- - -	- - -	- - -	- - -	53.3	70
C4G3A	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	2	6.5	- - -	- - -	- - -	- - -	31.1	40
C4G4A	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	2	3.1	- - -	- - -	- - -	- - -	15.0	20
C4G1A05	4	208/230-1-60	59 ea	13.4 ea	1	7.0	1-1/2	9.4	Heat	5	18.06	- - -	46.6	60
C4G3A05	4	208/230-3-60	50 ea	8.7 ea	1	3.4	1-1/2	5.0	Heat	5	18.06	- - -	28.0	40
C4G4A05	4	460-3-60	25 ea	4.2 ea	1	1.6	1-1/2	2.4	Heat	5	11.88	- - -	16.9	20
C4G1A05	4	208/230-1-60	59 ea	13.4 ea	1-1/2	9.4	1-1/2	9.4	Heat	5	18.06	- - -	49.0	65
C4G3A05	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	1-1/2	5.0	Heat	5	18.06	- - -	29.6	40
C4G4A05	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	1-1/2	2.4	Heat	5	11.88	- - -	17.9	20
C4G1A05	4	208/230-1-60	59 ea	13.4 ea	1	7.0	2	13.7	Heat	5	18.06	- - -	50.9	65
C4G3A05	4	208/230-3-60	50 ea	8.7 ea	1	3.4	2	6.5	Heat	5	18.06	- - -	29.5	40
C4G4A05	4	460-3-60	25 ea	4.2 ea	1	1.6	2	3.1	Heat	5	11.88	- - -	16.9	20
C4G1A05	4	208/230-1-60	59 ea	13.4 ea	1-1/2	9.4	2	13.7	Heat	5	18.06	- - -	53.3	70
C4G3A05	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	2	6.5	Heat	5	18.06	- - -	31.1	40
C4G4A05	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	2	3.1	Heat	5	11.88	- - -	17.9	20
C4G1A10	4	208/230-1-60	59 ea	13.4 ea	1	7.0	1-1/2	9.4	Heat	10	36.11	- - -	53.9	60
C4G3A10	4	208/230-3-60	50 ea	8.7 ea	1	3.4	1-1/2	5.0	Heat	10	20.85	- - -	30.3	40
C4G4A10	4	460-3-60	25 ea	4.2 ea	1	1.6	1-1/2	2.4	Heat	10	13.72	- - -	19.2	20
C4G1A10	4	208/230-1-60	59 ea	13.4 ea	1-1/2	9.4	1-1/2	9.4	Heat	10	36.11	- - -	56.9	65
C4G3A10	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	1-1/2	5.0	Heat	10	20.85	- - -	32.3	40
C4G4A10	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	1-1/2	2.4	Heat	10	13.72	- - -	20.2	25
C4G1A10	4	208/230-1-60	59 ea	13.4 ea	1	7.0	2	13.7	Heat	10	36.11	- - -	53.9	65
C4G3A10	4	208/230-3-60	50 ea	8.7 ea	1	3.4	2	6.5	Heat	10	20.85	- - -	30.3	40
C4G4A10	4	460-3-60	25 ea	4.2 ea	1	1.6	2	3.1	Heat	10	13.72	- - -	19.2	20
C4G1A10	4	208/230-1-60	59 ea	13.4 ea	1-1/2	9.4	2	13.7	Heat	10	36.11	- - -	56.9	70
C4G3A10	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	2	6.5	Heat	10	20.85	- - -	32.3	40
C4G4A10	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	2	3.1	Heat	10	13.72	- - -	20.2	25
C4G3A15	4	208/230-3-60	50 ea	8.7 ea	1	3.4	1-1/2	5.0	Heat	15	31.27	- - -	43.3	45
C4G4A15	4	460-3-60	25 ea	4.2 ea	1	1.6	1-1/2	2.4	Heat	15	20.58	- - -	27.7	30
C4G3A15	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	1-1/2	5.0	Heat	15	31.27	- - -	45.3	50
C4G4A15	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	1-1/2	2.4	Heat	15	20.58	- - -	28.7	30
C4G3A15	4	208/230-3-60	50 ea	8.7 ea	1	3.4	2	6.5	Heat	15	31.27	- - -	43.3	45
C4G4A15	4	460-3-60	25 ea	4.2 ea	1	1.6	2	3.1	Heat	15	20.58	- - -	27.7	30
C4G3A15	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	2	6.5	Heat	15	31.27	- - -	45.3	50
C4G4A15	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	2	3.1	Heat	15	20.58	- - -	28.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Values listed are typical and may vary dependent upon the components utilized.

5 Ton Air-Cooled Electrical Data

Single Circuit

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
C5G1ASN	5	208/230-1-60	142	34.3	1	7.0	2	13.7	- - -	- - -	- - -	- - -	63.6	100
C5G3ASN	5	208/230-3-60	130	21.4	1	3.4	2	6.5	- - -	- - -	- - -	- - -	36.7	60
C5G4ASN	5	460-3-60	65	9.6	1	1.6	2	3.1	- - -	- - -	- - -	- - -	16.7	30
C5G1ASN	5	208/230-1-60	142	34.3	1-1/2	9.4	2	13.7	- - -	- - -	- - -	- - -	66.0	105
C5G3ASN	5	208/230-3-60	130	21.4	1-1/2	5.0	2	6.5	- - -	- - -	- - -	- - -	38.3	60
C5G4ASN	5	460-3-60	65	9.6	1-1/2	2.4	2	3.1	- - -	- - -	- - -	- - -	17.5	30
C5G1ASN	5	208/230-1-60	142	34.3	1	7.0	3	18	- - -	- - -	- - -	- - -	67.9	105
C5G3ASN	5	208/230-3-60	130	21.4	1	3.4	3	8.8	- - -	- - -	- - -	- - -	39.0	65
C5G4ASN	5	460-3-60	65	9.6	1	1.6	3	4.2	- - -	- - -	- - -	- - -	17.8	30
C5G1ASN	5	208/230-1-60	142	34.3	1-1/2	9.4	3	18	- - -	- - -	- - -	- - -	70.3	105
C5G3ASN	5	208/230-3-60	130	21.4	1-1/2	5.0	3	8.8	- - -	- - -	- - -	- - -	40.6	65
C5G4ASN	5	460-3-60	65	9.6	1-1/2	2.4	3	4.2	- - -	- - -	- - -	- - -	18.6	30
C5G1ASN05	5	208/230-1-60	142	34.3	1	7.0	2	13.7	Heat	5	18.06	- - -	63.6	100
C5G3ASN05	5	208/230-3-60	130	21.4	1	3.4	2	6.5	Heat	5	18.06	- - -	36.7	60
C5G4ASN05	5	460-3-60	65	9.6	1	1.6	2	3.1	Heat	5	11.88	- - -	16.9	30
C5G1ASN05	5	208/230-1-60	142	34.3	1-1/2	9.4	2	13.7	Heat	5	18.06	- - -	66.0	105
C5G3ASN05	5	208/230-3-60	130	21.4	1-1/2	5.0	2	6.5	Heat	5	18.06	- - -	38.3	60
C5G4ASN05	5	460-3-60	65	9.6	1-1/2	2.4	2	3.1	Heat	5	11.88	- - -	17.9	30
C5G1ASN05	5	208/230-1-60	142	34.3	1	7.0	3	18	Heat	5	18.06	- - -	67.9	105
C5G3ASN05	5	208/230-3-60	130	21.4	1	3.4	3	8.8	Heat	5	18.06	- - -	39.0	65
C5G4ASN05	5	460-3-60	65	9.6	1	1.6	3	4.2	Heat	5	11.88	- - -	17.8	30
C5G1ASN05	5	208/230-1-60	142	34.3	1-1/2	9.4	3	18	Heat	5	18.06	- - -	70.3	105
C5G3ASN05	5	208/230-3-60	130	21.4	1-1/2	5.0	3	8.8	Heat	5	18.06	- - -	40.6	65
C5G4ASN05	5	460-3-60	65	9.6	1-1/2	2.4	3	4.2	Heat	5	11.88	- - -	18.6	30
C5G1ASN10	5	208/230-1-60	142	34.3	1	7.0	2	13.7	Heat	10	36.11	- - -	63.6	100
C5G3ASN10	5	208/230-3-60	130	21.4	1	3.4	2	6.5	Heat	10	20.85	- - -	36.7	60
C5G4ASN10	5	460-3-60	65	9.6	1	1.6	2	3.1	Heat	10	13.72	- - -	19.2	30
C5G1ASN10	5	208/230-1-60	142	34.3	1-1/2	9.4	2	13.7	Heat	10	36.11	- - -	66.0	105
C5G3ASN10	5	208/230-3-60	130	21.4	1-1/2	5.0	2	6.5	Heat	10	20.85	- - -	38.3	60
C5G4ASN10	5	460-3-60	65	9.6	1-1/2	2.4	2	3.1	Heat	10	13.72	- - -	20.2	30
C5G1ASN10	5	208/230-1-60	142	34.3	1	7.0	3	18	Heat	10	36.11	- - -	67.9	105
C5G3ASN10	5	208/230-3-60	130	21.4	1	3.4	3	8.8	Heat	10	20.85	- - -	39.0	65
C5G4ASN10	5	460-3-60	65	9.6	1	1.6	3	4.2	Heat	10	13.72	- - -	19.2	30
C5G1ASN10	5	208/230-1-60	142	34.3	1-1/2	9.4	3	18	Heat	10	36.11	- - -	70.3	105
C5G3ASN10	5	208/230-3-60	130	21.4	1-1/2	5.0	3	8.8	Heat	10	20.85	- - -	40.6	65
C5G4ASN10	5	460-3-60	65	9.6	1-1/2	2.4	3	4.2	Heat	10	13.72	- - -	20.2	30
C5G3ASN15	5	208/230-3-60	130	21.4	1	3.4	2	6.5	Heat	15	31.27	- - -	43.3	60
C5G4ASN15	5	460-3-60	65	9.6	1	1.6	2	3.1	Heat	15	20.58	- - -	27.7	30
C5G3ASN15	5	208/230-3-60	130	21.4	1-1/2	5.0	2	6.5	Heat	15	31.27	- - -	45.3	60
C5G4ASN15	5	460-3-60	65	9.6	1-1/2	2.4	2	3.1	Heat	15	20.58	- - -	28.7	30
C5G3ASN15	5	208/230-3-60	130	21.4	1	3.4	3	8.8	Heat	15	31.27	- - -	43.3	65
C5G4ASN15	5	460-3-60	65	9.6	1	1.6	3	4.2	Heat	15	20.58	- - -	27.7	30
C5G3ASN15	5	208/230-3-60	130	21.4	1-1/2	5.0	3	8.8	Heat	15	31.27	- - -	45.3	65
C5G4ASN15	5	460-3-60	65	9.6	1-1/2	2.4	3	4.2	Heat	15	20.58	- - -	28.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Values listed are typical and may vary dependent upon the components utilized.

5 Ton Air-Cooled Electrical Data

Dual Circuit

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS			
C5G1A	5	208/230-1-60	75.8 ea	17.3 ea	1	7.0	2	13.7	- - -	- - -	- - -	- - -	59.6	80
C5G3A	5	208/230-3-60	65 ea	12 ea	1	3.4	2	6.5	- - -	- - -	- - -	- - -	36.9	50
C5G4A	5	460-3-60	32 ea	5.6 ea	1	1.6	2	3.1	- - -	- - -	- - -	- - -	17.3	25
C5G1A	5	208/230-1-60	75.8 ea	17.3 ea	1-1/2	9.4	2	13.7	- - -	- - -	- - -	- - -	62.0	80
C5G3A	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	2	6.5	- - -	- - -	- - -	- - -	38.5	55
C5G4A	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	2	3.1	- - -	- - -	- - -	- - -	18.1	25
C5G1A	5	208/230-1-60	75.8 ea	17.3 ea	1	7.0	3	18	- - -	- - -	- - -	- - -	63.9	85
C5G3A	5	208/230-3-60	65 ea	12 ea	1	3.4	3	8.8	- - -	- - -	- - -	- - -	39.2	55
C5G4A	5	460-3-60	32 ea	5.6 ea	1	1.6	3	4.2	- - -	- - -	- - -	- - -	18.4	25
C5G1A	5	208/230-1-60	75.8 ea	17.3 ea	1-1/2	9.4	3	18	- - -	- - -	- - -	- - -	66.3	85
C5G3A	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	3	8.8	- - -	- - -	- - -	- - -	40.8	55
C5G4A	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	3	4.2	- - -	- - -	- - -	- - -	19.2	25
C5G1A05	5	208/230-1-60	75.8 ea	17.3 ea	1	7.0	2	13.7	Heat	5	18.06	- - -	59.6	80
C5G3A05	5	208/230-3-60	65 ea	12 ea	1	3.4	2	6.5	Heat	5	18.06	- - -	36.9	50
C5G4A05	5	460-3-60	32 ea	5.6 ea	1	1.6	2	3.1	Heat	5	11.88	- - -	17.3	25
C5G1A05	5	208/230-1-60	75.8 ea	17.3 ea	1-1/2	9.4	2	13.7	Heat	5	18.06	- - -	62.0	80
C5G3A05	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	2	6.5	Heat	5	18.06	- - -	38.5	55
C5G4A05	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	2	3.1	Heat	5	11.88	- - -	18.1	25
C5G1A05	5	208/230-1-60	75.8 ea	17.3 ea	1	7.0	3	18	Heat	5	18.06	- - -	63.9	85
C5G3A05	5	208/230-3-60	65 ea	12 ea	1	3.4	3	8.8	Heat	5	18.06	- - -	39.2	55
C5G4A05	5	460-3-60	32 ea	5.6 ea	1	1.6	3	4.2	Heat	5	11.88	- - -	18.4	25
C5G1A05	5	208/230-1-60	75.8 ea	17.3 ea	1-1/2	9.4	3	18	Heat	5	18.06	- - -	66.3	85
C5G3A05	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	3	8.8	Heat	5	18.06	- - -	40.8	55
C5G4A05	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	3	4.2	Heat	5	11.88	- - -	19.2	25
C5G1A10	5	208/230-1-60	75.8 ea	17.3 ea	1	7.0	2	13.7	Heat	10	36.11	- - -	59.6	80
C5G3A10	5	208/230-3-60	65 ea	12 ea	1	3.4	2	6.5	Heat	10	20.85	- - -	36.9	50
C5G4A10	5	460-3-60	32 ea	5.6 ea	1	1.6	2	3.1	Heat	10	13.72	- - -	19.2	25
C5G1A10	5	208/230-1-60	75.8 ea	17.3 ea	1-1/2	9.4	2	13.7	Heat	10	36.11	- - -	62.0	80
C5G3A10	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	2	6.5	Heat	10	20.85	- - -	38.5	55
C5G4A10	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	2	3.1	Heat	10	13.72	- - -	20.2	25
C5G1A10	5	208/230-1-60	75.8 ea	17.3 ea	1	7.0	3	18	Heat	10	36.11	- - -	63.9	85
C5G3A10	5	208/230-3-60	65 ea	12 ea	1	3.4	3	8.8	Heat	10	20.85	- - -	39.2	55
C5G4A10	5	460-3-60	32 ea	5.6 ea	1	1.6	3	4.2	Heat	10	13.72	- - -	19.2	25
C5G1A10	5	208/230-1-60	75.8 ea	17.3 ea	1-1/2	9.4	3	18	Heat	10	36.11	- - -	66.3	85
C5G3A10	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	3	8.8	Heat	10	20.85	- - -	40.8	55
C5G4A10	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	3	4.2	Heat	10	13.72	- - -	20.2	25
C5G3A15	5	208/230-3-60	65 ea	12 ea	1	3.4	2	6.5	Heat	15	31.27	- - -	43.3	50
C5G4A15	5	460-3-60	32 ea	5.6 ea	1	1.6	2	3.1	Heat	15	20.58	- - -	27.7	30
C5G3A15	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	2	6.5	Heat	15	31.27	- - -	45.3	55
C5G4A15	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	2	3.1	Heat	15	20.58	- - -	28.7	30
C5G3A15	5	208/230-3-60	65 ea	12 ea	1	3.4	3	8.8	Heat	15	31.27	- - -	43.3	55
C5G4A15	5	460-3-60	32 ea	5.6 ea	1	1.6	3	4.2	Heat	15	20.58	- - -	27.7	30
C5G3A15	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	3	8.8	Heat	15	31.27	- - -	45.3	55
C5G4A15	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	3	4.2	Heat	15	20.58	- - -	28.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Values listed are typical and may vary dependent upon the components utilized.

6 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS			
C6G3A	6	208/230-3-60	74 ea	14.3 ea	2	6.5	2	6.5	- - -	- - -	- - -	- - -	45.2	60
C6G4A	6	460-3-60	41 ea	6.7 ea	2	3.1	2	3.1	- - -	- - -	- - -	- - -	21.3	30
C6G3A	6	208/230-3-60	74 ea	14.3 ea	3	8.8	2	6.5	- - -	- - -	- - -	- - -	47.5	65
C6G4A	6	460-3-60	41 ea	6.7 ea	3	4.2	2	3.1	- - -	- - -	- - -	- - -	22.4	30
C6G3A	6	208/230-3-60	74 ea	14.3 ea	2	6.5	3	8.8	- - -	- - -	- - -	- - -	47.5	65
C6G4A	6	460-3-60	41 ea	6.7 ea	2	3.1	3	4.2	- - -	- - -	- - -	- - -	22.4	30
C6G3A	6	208/230-3-60	74 ea	14.3 ea	3	8.8	3	8.8	- - -	- - -	- - -	- - -	49.8	65
C6G4A	6	460-3-60	41 ea	6.7 ea	3	4.2	3	4.2	- - -	- - -	- - -	- - -	23.5	35
C6G3A05	6	208/230-3-60	74 ea	14.3 ea	2	6.5	2	6.5	Heat	5	18.06	- - -	45.2	60
C6G4A05	6	460-3-60	41 ea	6.7 ea	2	3.1	2	3.1	Heat	5	11.88	- - -	21.3	30
C6G3A05	6	208/230-3-60	74 ea	14.3 ea	3	8.8	2	6.5	Heat	5	18.06	- - -	47.5	65
C6G4A05	6	460-3-60	41 ea	6.7 ea	3	4.2	2	3.1	Heat	5	11.88	- - -	22.4	30
C6G3A05	6	208/230-3-60	74 ea	14.3 ea	2	6.5	3	8.8	Heat	5	18.06	- - -	47.5	65
C6G4A05	6	460-3-60	41 ea	6.7 ea	2	3.1	3	4.2	Heat	5	11.88	- - -	22.4	30
C6G3A05	6	208/230-3-60	74 ea	14.3 ea	3	8.8	3	8.8	Heat	5	18.06	- - -	49.8	65
C6G4A05	6	460-3-60	41 ea	6.7 ea	3	4.2	3	4.2	Heat	5	11.88	- - -	23.5	35
C6G3A10	6	208/230-3-60	74 ea	14.3 ea	2	6.5	2	6.5	Heat	10	20.85	- - -	45.2	60
C6G4A10	6	460-3-60	41 ea	6.7 ea	2	3.1	2	3.1	Heat	10	13.72	- - -	21.3	30
C6G3A10	6	208/230-3-60	74 ea	14.3 ea	3	8.8	2	6.5	Heat	10	20.85	- - -	47.5	65
C6G4A10	6	460-3-60	41 ea	6.7 ea	3	4.2	2	3.1	Heat	10	13.72	- - -	22.4	30
C6G3A10	6	208/230-3-60	74 ea	14.3 ea	2	6.5	3	8.8	Heat	10	20.85	- - -	47.5	65
C6G4A10	6	460-3-60	41 ea	6.7 ea	2	3.1	3	4.2	Heat	10	13.72	- - -	22.4	30
C6G3A10	6	208/230-3-60	74 ea	14.3 ea	3	8.8	3	8.8	Heat	10	20.85	- - -	49.8	65
C6G4A10	6	460-3-60	41 ea	6.7 ea	3	4.2	3	4.2	Heat	10	13.72	- - -	23.5	35
C6G3A15	6	208/230-3-60	74 ea	14.3 ea	2	6.5	2	6.5	Heat	15	31.27	- - -	47.2	60
C6G4A15	6	460-3-60	41 ea	6.7 ea	2	3.1	2	3.1	Heat	15	20.58	- - -	29.6	30
C6G3A15	6	208/230-3-60	74 ea	14.3 ea	3	8.8	2	6.5	Heat	15	31.27	- - -	50.1	65
C6G4A15	6	460-3-60	41 ea	6.7 ea	3	4.2	2	3.1	Heat	15	20.58	- - -	31.0	35
C6G3A15	6	208/230-3-60	74 ea	14.3 ea	2	6.5	3	8.8	Heat	15	31.27	- - -	47.5	65
C6G4A15	6	460-3-60	41 ea	6.7 ea	2	3.1	3	4.2	Heat	15	20.58	- - -	29.6	30
C6G3A15	6	208/230-3-60	74 ea	14.3 ea	3	8.8	3	8.8	Heat	15	31.27	- - -	50.1	65
C6G4A15	6	460-3-60	41 ea	6.7 ea	3	4.2	3	4.2	Heat	15	20.58	- - -	31.0	35
C6G3A20	6	208/230-3-60	74 ea	14.3 ea	2	6.5	2	6.5	Heat	20	41.7	- - -	60.3	65
C6G4A20	6	460-3-60	41 ea	6.7 ea	2	3.1	2	3.1	Heat	20	27.44	- - -	38.2	40
C6G3A20	6	208/230-3-60	74 ea	14.3 ea	3	8.8	2	6.5	Heat	20	41.7	- - -	63.1	65
C6G4A20	6	460-3-60	41 ea	6.7 ea	3	4.2	2	3.1	Heat	20	27.44	- - -	39.6	40
C6G3A20	6	208/230-3-60	74 ea	14.3 ea	2	6.5	3	8.8	Heat	20	41.7	- - -	60.3	65
C6G4A20	6	460-3-60	41 ea	6.7 ea	2	3.1	3	4.2	Heat	20	27.44	- - -	38.2	40
C6G3A20	6	208/230-3-60	74 ea	14.3 ea	3	8.8	3	8.8	Heat	20	41.7	- - -	63.1	65
C6G4A20	6	460-3-60	41 ea	6.7 ea	3	4.2	3	4.2	Heat	20	27.44	- - -	39.6	40

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

8 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS			
C8G3A	8	208/230-3-60	90 ea	17.9 ea	3	8.8	3	8.8	- - -	- - -	- - -	- - -	57.9	80
C8G4A	8	460-3-60	45 ea	8.6 ea	3	4.2	3	4.2	- - -	- - -	- - -	- - -	27.8	40
C8G3A	8	208/230-3-60	90 ea	17.9 ea	5	13.5	3	8.8	- - -	- - -	- - -	- - -	62.6	85
C8G4A	8	460-3-60	45 ea	8.6 ea	5	6.5	3	4.2	- - -	- - -	- - -	- - -	30.1	40
C8G3A	8	208/230-3-60	90 ea	17.9 ea	3	8.8	5	13.5	- - -	- - -	- - -	- - -	62.6	85
C8G4A	8	460-3-60	45 ea	8.6 ea	3	4.2	5	6.5	- - -	- - -	- - -	- - -	30.1	40
C8G3A	8	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	- - -	- - -	- - -	- - -	67.3	90
C8G4A	8	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	- - -	- - -	- - -	- - -	32.4	45
C8G3A10	8	208/230-3-60	90 ea	17.9 ea	3	8.8	3	8.8	Heat	10	20.85	- - -	57.9	80
C8G4A10	8	460-3-60	45 ea	8.6 ea	3	4.2	3	4.2	Heat	10	13.72	- - -	27.8	40
C8G3A10	8	208/230-3-60	90 ea	17.9 ea	5	13.5	3	8.8	Heat	10	20.85	- - -	62.6	85
C8G4A10	8	460-3-60	45 ea	8.6 ea	5	6.5	3	4.2	Heat	10	13.72	- - -	30.1	40
C8G3A10	8	208/230-3-60	90 ea	17.9 ea	3	8.8	5	13.5	Heat	10	20.85	- - -	62.6	85
C8G4A10	8	460-3-60	45 ea	8.6 ea	3	4.2	5	6.5	Heat	10	13.72	- - -	30.1	40
C8G3A10	8	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	Heat	10	20.85	- - -	67.3	90
C8G4A10	8	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	Heat	10	13.72	- - -	32.4	45
C8G3A15	8	208/230-3-60	90 ea	17.9 ea	3	8.8	3	8.8	Heat	15	31.27	- - -	57.9	80
C8G4A15	8	460-3-60	45 ea	8.6 ea	3	4.2	3	4.2	Heat	15	20.58	- - -	31.0	40
C8G3A15	8	208/230-3-60	90 ea	17.9 ea	5	13.5	3	8.8	Heat	15	31.27	- - -	62.6	85
C8G4A15	8	460-3-60	45 ea	8.6 ea	5	6.5	3	4.2	Heat	15	20.58	- - -	33.9	40
C8G3A15	8	208/230-3-60	90 ea	17.9 ea	3	8.8	5	13.5	Heat	15	31.27	- - -	62.6	85
C8G4A15	8	460-3-60	45 ea	8.6 ea	3	4.2	5	6.5	Heat	15	20.58	- - -	33.9	40
C8G3A15	8	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	Heat	15	31.27	- - -	67.3	90
C8G4A15	8	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	Heat	15	20.58	- - -	33.9	45
C8G3A20	8	208/230-3-60	90 ea	17.9 ea	3	8.8	3	8.8	Heat	20	41.7	- - -	63.1	80
C8G4A20	8	460-3-60	45 ea	8.6 ea	3	4.2	3	4.2	Heat	20	27.44	- - -	39.6	40
C8G3A20	8	208/230-3-60	90 ea	17.9 ea	5	13.5	3	8.8	Heat	20	41.7	- - -	69.0	65
C8G4A20	8	460-3-60	45 ea	8.6 ea	5	6.5	3	4.2	Heat	20	27.44	- - -	42.4	45
C8G3A20	8	208/230-3-60	90 ea	17.9 ea	3	8.8	5	13.5	Heat	20	41.7	- - -	63.1	85
C8G4A20	8	460-3-60	45 ea	8.6 ea	3	4.2	5	6.5	Heat	20	27.44	- - -	39.6	40
C8G3A20	8	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	Heat	20	41.7	- - -	69.0	90
C8G4A20	8	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	Heat	20	27.44	- - -	42.4	45
C8G3A25	8	208/230-3-60	90 ea	17.9 ea	3	8.8	3	8.8	Heat	25	52.12	- - -	76.2	80
C8G4A25	8	460-3-60	45 ea	8.6 ea	3	4.2	3	4.2	Heat	25	34.3	- - -	48.1	50
C8G3A25	8	208/230-3-60	90 ea	17.9 ea	5	13.5	3	8.8	Heat	25	52.12	- - -	82.0	85
C8G4A25	8	460-3-60	45 ea	8.6 ea	5	6.5	3	4.2	Heat	25	34.3	- - -	51.0	55
C8G3A25	8	208/230-3-60	90 ea	17.9 ea	3	8.8	5	13.5	Heat	25	52.12	- - -	76.2	85
C8G4A25	8	460-3-60	45 ea	8.6 ea	3	4.2	5	6.5	Heat	25	34.3	- - -	48.1	50
C8G3A25	8	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	Heat	25	52.12	- - -	82.0	85
C8G4A25	8	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	Heat	25	34.3	- - -	51.0	55

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

10 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS			
C10G3A	10	208/230-3-60	130 ea	21.4 ea	3	8.8	5	13.5	- - -	- - -	- - -	- - -	70.5	95
C10G4A	10	460-3-60	65 ea	9.6 ea	3	4.2	5	6.5	- - -	- - -	- - -	- - -	32.3	45
C10G3A	10	208/230-3-60	130 ea	21.4 ea	5	13.5	5	13.5	- - -	- - -	- - -	- - -	75.2	100
C10G4A	10	460-3-60	65 ea	9.6 ea	5	6.5	5	6.5	- - -	- - -	- - -	- - -	34.6	45
C10G3A	10	208/230-3-60	130 ea	21.4 ea	3	8.8	7.5	18.0	- - -	- - -	- - -	- - -	75.0	100
C10G4A	10	460-3-60	65 ea	9.6 ea	3	4.2	7.5	9.0	- - -	- - -	- - -	- - -	34.8	45
C10G3A	10	208/230-3-60	130 ea	21.4 ea	5	13.5	7.5	18.0	- - -	- - -	- - -	- - -	79.7	105
C10G4A	10	460-3-60	65 ea	9.6 ea	5	6.5	7.5	9.0	- - -	- - -	- - -	- - -	37.1	50
C10G3A10	10	208/230-3-60	130 ea	21.4 ea	3	8.8	5	13.5	Heat	10	20.85	- - -	70.5	90
C10G4A10	10	460-3-60	65 ea	9.6 ea	3	4.2	5	6.5	Heat	10	13.72	- - -	32.3	45
C10G3A10	10	208/230-3-60	130 ea	21.4 ea	5	13.5	5	13.5	Heat	10	20.85	- - -	75.2	100
C10G4A10	10	460-3-60	65 ea	9.6 ea	5	6.5	5	6.5	Heat	10	13.72	- - -	34.6	45
C10G3A10	10	208/230-3-60	130 ea	21.4 ea	3	8.8	7.5	18.0	Heat	10	20.85	- - -	75.0	100
C10G4A10	10	460-3-60	65 ea	9.6 ea	3	4.2	7.5	9.0	Heat	10	13.72	- - -	34.8	45
C10G3A10	10	208/230-3-60	130 ea	21.4 ea	5	13.5	7.5	18.0	Heat	10	20.85	- - -	79.7	105
C10G4A10	10	460-3-60	65 ea	9.6 ea	5	6.5	7.5	9.0	Heat	10	13.72	- - -	37.1	50
C10G3A15	10	208/230-3-60	130 ea	21.4 ea	3	8.8	5	13.5	Heat	15	31.27	- - -	70.5	95
C10G4A15	10	460-3-60	65 ea	9.6 ea	3	4.2	5	6.5	Heat	15	20.58	- - -	32.3	45
C10G3A15	10	208/230-3-60	130 ea	21.4 ea	5	13.5	5	13.5	Heat	15	31.27	- - -	75.2	100
C10G4A15	10	460-3-60	65 ea	9.6 ea	5	6.5	5	6.5	Heat	15	20.58	- - -	34.6	45
C10G3A15	10	208/230-3-60	130 ea	21.4 ea	3	8.8	7.5	18.0	Heat	15	31.27	- - -	75.0	100
C10G4A15	10	460-3-60	65 ea	9.6 ea	3	4.2	7.5	9.0	Heat	15	20.58	- - -	34.8	45
C10G3A15	10	208/230-3-60	130 ea	21.4 ea	5	13.5	7.5	18.0	Heat	15	31.27	- - -	79.7	105
C10G4A15	10	460-3-60	65 ea	9.6 ea	5	6.5	7.5	9.0	Heat	15	20.58	- - -	37.1	50
C10G3A20	10	208/230-3-60	130 ea	21.4 ea	3	8.8	5	13.5	Heat	20	41.7	- - -	70.5	95
C10G4A20	10	460-3-60	65 ea	9.6 ea	3	4.2	5	6.5	Heat	20	27.44	- - -	39.6	45
C10G3A20	10	208/230-3-60	130 ea	21.4 ea	5	13.5	5	13.5	Heat	20	41.7	- - -	75.2	100
C10G4A20	10	460-3-60	65 ea	9.6 ea	5	6.5	5	6.5	Heat	20	27.44	- - -	42.4	45
C10G3A20	10	208/230-3-60	130 ea	21.4 ea	3	8.8	7.5	18.0	Heat	20	41.7	- - -	75.0	100
C10G4A20	10	460-3-60	65 ea	9.6 ea	3	4.2	7.5	9.0	Heat	20	27.44	- - -	39.6	45
C10G3A20	10	208/230-3-60	130 ea	21.4 ea	5	13.5	7.5	18.0	Heat	20	41.7	- - -	79.7	105
C10G4A20	10	460-3-60	65 ea	9.6 ea	5	6.5	7.5	9.0	Heat	20	27.44	- - -	42.4	50
C10G3A25	10	208/230-3-60	130 ea	21.4 ea	3	8.8	5	13.5	Heat	25	52.12	- - -	76.2	95
C10G4A25	10	460-3-60	65 ea	9.6 ea	3	4.2	5	6.5	Heat	25	34.3	- - -	48.1	50
C10G3A25	10	208/230-3-60	130 ea	21.4 ea	5	13.5	5	13.5	Heat	25	52.12	- - -	82.0	100
C10G4A25	10	460-3-60	65 ea	9.6 ea	5	6.5	5	6.5	Heat	25	34.3	- - -	51.0	55
C10G3A25	10	208/230-3-60	130 ea	21.4 ea	3	8.8	7.5	18.0	Heat	25	52.12	- - -	76.2	100
C10G4A25	10	460-3-60	65 ea	9.6 ea	3	4.2	7.5	9.0	Heat	25	34.3	- - -	48.1	50
C10G3A25	10	208/230-3-60	130 ea	21.4 ea	5	13.5	7.5	18.0	Heat	25	52.12	- - -	82.0	105
C10G4A25	10	460-3-60	65 ea	9.6 ea	5	6.5	7.5	9.0	Heat	25	34.3	- - -	51.0	55
C10G3A30	10	208/230-3-60	130 ea	21.4 ea	3	8.8	5	13.5	Heat	30	62.55	- - -	89.2	95
C10G4A30	10	460-3-60	65 ea	9.6 ea	3	4.2	5	6.5	Heat	30	41.15	- - -	56.7	60
C10G3A30	10	208/230-3-60	130 ea	21.4 ea	5	13.5	5	13.5	Heat	30	62.55	- - -	95.1	100
C10G4A30	10	460-3-60	65 ea	9.6 ea	5	6.5	5	6.5	Heat	30	41.15	- - -	59.6	60
C10G3A30	10	208/230-3-60	130 ea	21.4 ea	3	8.8	7.5	18.0	Heat	30	62.55	- - -	89.2	100
C10G4A30	10	460-3-60	65 ea	9.6 ea	3	4.2	7.5	9.0	Heat	30	41.15	- - -	56.7	60
C10G3A30	10	208/230-3-60	130 ea	21.4 ea	5	13.5	7.5	18.0	Heat	30	62.55	- - -	95.1	105
C10G4A30	10	460-3-60	65 ea	9.6 ea	5	6.5	7.5	9.0	Heat	30	41.15	- - -	59.6	60

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

12 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS			
C12G3B	12	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	- - -	- - -	- - -	- - -	85.2	105
C12G4B	12	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	- - -	- - -	- - -	- - -	41.0	50
C12G3B	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	5	13.5	- - -	- - -	- - -	- - -	89.7	110
C12G4B	12	460-3-60	45 ea	8.6 ea	7.5	9.0	5	6.5	- - -	- - -	- - -	- - -	43.5	55
C12G3B	12	208/230-3-60	90 ea	17.9 ea	5	13.5	7.5	18.0	- - -	- - -	- - -	- - -	89.7	110
C12G4B	12	460-3-60	45 ea	8.6 ea	5	6.5	7.5	9.0	- - -	- - -	- - -	- - -	43.5	55
C12G3B	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	7.5	18.0	- - -	- - -	- - -	- - -	94.2	115
C12G4B	12	460-3-60	45 ea	8.6 ea	7.5	9.0	7.5	9.0	- - -	- - -	- - -	- - -	46.0	55
C12G3B10	12	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	Heat	10	20.85	- - -	85.2	105
C12G4B10	12	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	Heat	10	13.72	- - -	41.0	50
C12G3B10	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	5	13.5	Heat	10	20.85	- - -	89.7	110
C12G4B10	12	460-3-60	45 ea	8.6 ea	7.5	9.0	5	6.5	Heat	10	13.72	- - -	43.5	55
C12G3B10	12	208/230-3-60	90 ea	17.9 ea	5	13.5	7.5	18.0	Heat	10	20.85	- - -	89.7	110
C12G4B10	12	460-3-60	45 ea	8.6 ea	5	6.5	7.5	9.0	Heat	10	13.72	- - -	43.5	55
C12G3B10	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	7.5	18.0	Heat	10	20.85	- - -	94.2	115
C12G4B10	12	460-3-60	45 ea	8.6 ea	7.5	9.0	7.5	9.0	Heat	10	13.72	- - -	46.0	55
C12G3B15	12	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	Heat	15	31.27	- - -	85.2	105
C12G4B15	12	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	Heat	15	20.58	- - -	41.0	50
C12G3B15	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	5	13.5	Heat	15	31.27	- - -	89.7	110
C12G4B15	12	460-3-60	45 ea	8.6 ea	7.5	9.0	5	6.5	Heat	15	20.58	- - -	43.5	55
C12G3B15	12	208/230-3-60	90 ea	17.9 ea	5	13.5	7.5	18.0	Heat	15	31.27	- - -	89.7	110
C12G4B15	12	460-3-60	45 ea	8.6 ea	5	6.5	7.5	9.0	Heat	15	20.58	- - -	43.5	55
C12G3B15	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	7.5	18.0	Heat	15	31.27	- - -	94.2	115
C12G4B15	12	460-3-60	45 ea	8.6 ea	7.5	9.0	7.5	9.0	Heat	15	20.58	- - -	46.0	55
C12G3B20	12	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	Heat	20	41.7	- - -	85.2	105
C12G4B20	12	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	Heat	20	27.44	- - -	42.4	50
C12G3B20	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	5	13.5	Heat	20	41.7	- - -	89.7	110
C12G4B20	12	460-3-60	45 ea	8.6 ea	7.5	9.0	5	6.5	Heat	20	27.44	- - -	45.6	55
C12G3B20	12	208/230-3-60	90 ea	17.9 ea	5	13.5	7.5	18.0	Heat	20	41.7	- - -	89.7	110
C12G4B20	12	460-3-60	45 ea	8.6 ea	5	6.5	7.5	9.0	Heat	20	27.44	- - -	45.6	55
C12G3B20	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	7.5	18.0	Heat	20	41.7	- - -	94.2	115
C12G4B20	12	460-3-60	45 ea	8.6 ea	7.5	9.0	7.5	9.0	Heat	20	27.44	- - -	46.0	55
C12G3B25	12	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	Heat	25	52.12	- - -	85.2	105
C12G4B25	12	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	Heat	25	34.3	- - -	51.0	55
C12G3B25	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	5	13.5	Heat	25	52.12	- - -	89.7	110
C12G4B25	12	460-3-60	45 ea	8.6 ea	7.5	9.0	5	6.5	Heat	25	34.3	- - -	54.1	55
C12G3B25	12	208/230-3-60	90 ea	17.9 ea	5	13.5	7.5	18.0	Heat	25	52.12	- - -	89.7	110
C12G4B25	12	460-3-60	45 ea	8.6 ea	5	6.5	7.5	9.0	Heat	25	34.3	- - -	51.0	55
C12G3B25	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	7.5	18.0	Heat	25	52.12	- - -	94.2	115
C12G4B25	12	460-3-60	45 ea	8.6 ea	7.5	9.0	7.5	9.0	Heat	25	34.3	- - -	54.1	55
C12G3B30	12	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	Heat	30	62.55	- - -	95.1	105
C12G4B30	12	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	Heat	30	41.15	- - -	59.6	60
C12G3B30	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	5	13.5	Heat	30	62.55	- - -	100.7	110
C12G4B30	12	460-3-60	45 ea	8.6 ea	7.5	9.0	5	6.5	Heat	30	41.15	- - -	62.7	65
C12G3B30	12	208/230-3-60	90 ea	17.9 ea	5	13.5	7.5	18.0	Heat	30	62.55	- - -	95.1	110
C12G4B30	12	460-3-60	45 ea	8.6 ea	5	6.5	7.5	9.0	Heat	30	41.15	- - -	59.6	60
C12G3B30	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	7.5	18.0	Heat	30	62.55	- - -	100.7	115
C12G4B30	12	460-3-60	45 ea	8.6 ea	7.5	9.0	7.5	9.0	Heat	30	41.15	- - -	62.7	65

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

15 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
C15G3B	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	7.5	18.0	- - -	- - -	- - -	- - -	105.6	130
C15G4B	15	460-3-60	65 ea	9.6 ea	7.5	9.0	7.5	9.0	- - -	- - -	- - -	- - -	49.2	60
C15G3B	15	208/230-3-60	130 ea	21.4 ea	10	28	7.5	18.0	- - -	- - -	- - -	- - -	115.6	140
C15G4B	15	460-3-60	65 ea	9.6 ea	10	14	7.5	9.0	- - -	- - -	- - -	- - -	54.2	65
C15G3B	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	10	28	- - -	- - -	- - -	- - -	115.6	140
C15G4B	15	460-3-60	65 ea	9.6 ea	7.5	9.0	10	14	- - -	- - -	- - -	- - -	54.2	65
C15G3B	15	208/230-3-60	130 ea	21.4 ea	10	28	10	28	- - -	- - -	- - -	- - -	125.6	150
C15G4B	15	460-3-60	65 ea	9.6 ea	10	14	10	14	- - -	- - -	- - -	- - -	59.2	70
C15G3B10	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	7.5	18.0	Heat	10	20.85	- - -	105.6	130
C15G4B10	15	460-3-60	65 ea	9.6 ea	7.5	9.0	7.5	9.0	Heat	10	13.72	- - -	49.2	60
C15G3B10	15	208/230-3-60	130 ea	21.4 ea	10	28	7.5	18.0	Heat	10	20.85	- - -	115.6	140
C15G4B10	15	460-3-60	65 ea	9.6 ea	10	14	7.5	9.0	Heat	10	13.72	- - -	54.2	65
C15G3B10	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	10	28	Heat	10	20.85	- - -	115.6	140
C15G4B10	15	460-3-60	65 ea	9.6 ea	7.5	9.0	10	14	Heat	10	13.72	- - -	54.2	65
C15G3B10	15	208/230-3-60	130 ea	21.4 ea	10	28	10	28	Heat	10	20.85	- - -	125.6	150
C15G4B10	15	460-3-60	65 ea	9.6 ea	10	14	10	14	Heat	10	13.72	- - -	59.2	70
C15G3B20	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	7.5	18.0	Heat	20	41.7	- - -	105.6	130
C15G4B20	15	460-3-60	65 ea	9.6 ea	7.5	9.0	7.5	9.0	Heat	20	27.44	- - -	49.2	60
C15G3B20	15	208/230-3-60	130 ea	21.4 ea	10	28	7.5	18.0	Heat	20	41.7	- - -	115.6	140
C15G4B20	15	460-3-60	65 ea	9.6 ea	10	14	7.5	9.0	Heat	20	27.44	- - -	54.2	65
C15G3B20	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	10	28	Heat	20	41.7	- - -	115.6	140
C15G4B20	15	460-3-60	65 ea	9.6 ea	7.5	9.0	10	14	Heat	20	27.44	- - -	54.2	65
C15G3B20	15	208/230-3-60	130 ea	21.4 ea	10	28	10	28	Heat	20	41.7	- - -	125.6	150
C15G4B20	15	460-3-60	65 ea	9.6 ea	10	14	10	14	Heat	20	27.44	- - -	59.2	70
C15G3B25	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	7.5	18.0	Heat	25	52.12	- - -	105.6	130
C15G4B25	15	460-3-60	65 ea	9.6 ea	7.5	9.0	7.5	9.0	Heat	25	34.3	- - -	54.1	60
C15G3B25	15	208/230-3-60	130 ea	21.4 ea	10	28	7.5	18.0	Heat	25	52.12	- - -	115.6	140
C15G4B25	15	460-3-60	65 ea	9.6 ea	10	14	7.5	9.0	Heat	25	34.3	- - -	60.4	70
C15G3B25	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	10	28	Heat	25	52.12	- - -	115.6	140
C15G4B25	15	460-3-60	65 ea	9.6 ea	7.5	9.0	10	14	Heat	25	34.3	- - -	54.2	65
C15G3B25	15	208/230-3-60	130 ea	21.4 ea	10	28	10	28	Heat	25	52.12	- - -	125.6	150
C15G4B25	15	460-3-60	65 ea	9.6 ea	10	14	10	14	Heat	25	34.3	- - -	60.4	70
C15G3B30	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	7.5	18.0	Heat	30	62.55	- - -	105.6	130
C15G4B30	15	460-3-60	65 ea	9.6 ea	7.5	9.0	7.5	9.0	Heat	30	41.15	- - -	62.7	65
C15G3B30	15	208/230-3-60	130 ea	21.4 ea	10	28	7.5	18.0	Heat	30	62.55	- - -	115.6	140
C15G4B30	15	460-3-60	65 ea	9.6 ea	10	14	7.5	9.0	Heat	30	41.15	- - -	68.9	75
C15G3B30	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	10	28	Heat	30	62.55	- - -	115.6	140
C15G4B30	15	460-3-60	65 ea	9.6 ea	7.5	9.0	10	14	Heat	30	41.15	- - -	62.7	65
C15G3B30	15	208/230-3-60	130 ea	21.4 ea	10	28	10	28	Heat	30	62.55	- - -	125.6	150
C15G4B30	15	460-3-60	65 ea	9.6 ea	10	14	10	14	Heat	30	41.15	- - -	68.9	75

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

1 - 1.5 Ton Water-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
SPW12G1AS	1	208/230-1-60	34.2	7	1/2	3.8	- - -	- - -	- - -	- - -	12.6	20
SPW12G3AS	1	208/230-3-60	31	4.7	1/2	2.2	- - -	- - -	- - -	- - -	8.1	15
SPW12G4AS	1	460-3-60	15	2.6	1/2	1.3	- - -	- - -	- - -	- - -	4.6	10
SPW12G1AS	1	208/230-1-60	34.2	7	3/4	5.8	- - -	- - -	- - -	- - -	14.6	25
SPW12G3AS	1	208/230-3-60	31	4.7	3/4	3.2	- - -	- - -	- - -	- - -	9.1	15
SPW12G4AS	1	460-3-60	15	2.6	3/4	1.5	- - -	- - -	- - -	- - -	4.8	10
SPW12G1AS02	1	208/230-1-60	34.2	7	1/2	3.8	Heat	2	7.22	- - -	13.8	20
SPW12G3AS02	1	208/230-3-60	31	4.7	1/2	2.2	Heat	2	7.22	- - -	11.8	15
SPW12G4AS02	1	460-3-60	15	2.6	1/2	1.3	Heat	2	4.75	- - -	7.6	10
SPW12G1AS02	1	208/230-1-60	34.2	7	3/4	5.8	Heat	2	7.22	- - -	16.3	25
SPW12G3AS02	1	208/230-3-60	31	4.7	3/4	3.2	Heat	2	7.22	- - -	13	15
SPW12G4AS02	1	460-3-60	15	2.6	3/4	1.5	Heat	2	4.75	- - -	7.8	10

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
SPW18G1AS	1.5	208/230-1-60	48.2	10.4	1/2	3.8	- - -	- - -	- - -	- - -	16.8	30
SPW18G3AS	1.5	208/230-3-60	41	6.5	1/2	2.2	- - -	- - -	- - -	- - -	10.3	20
SPW18G4AS	1.5	460-3-60	17.4	4.1	1/2	1.3	- - -	- - -	- - -	- - -	6.4	15
SPW18G1AS	1.5	208/230-1-60	48.2	10.4	3/4	5.8	- - -	- - -	- - -	- - -	18.8	30
SPW18G3AS	1.5	208/230-3-60	41	6.5	3/4	3.2	- - -	- - -	- - -	- - -	11.3	20
SPW18G4AS	1.5	460-3-60	17.4	4.1	3/4	1.5	- - -	- - -	- - -	- - -	6.6	15
SPW18G1AS02	1.5	208/230-1-60	48.2	10.4	1/2	3.8	Heat	2	7.22	- - -	16.8	30
SPW18G3AS02	1.5	208/230-3-60	41	6.5	1/2	2.2	Heat	2	7.22	- - -	11.8	20
SPW18G4AS02	1.5	460-3-60	17.4	4.1	1/2	1.3	Heat	2	4.75	- - -	7.6	15
SPW18G1AS02	1.5	208/230-1-60	48.2	10.4	3/4	5.8	Heat	2	7.22	- - -	18.8	30
SPW18G3AS02	1.5	208/230-3-60	41	6.5	3/4	3.2	Heat	2	7.22	- - -	13	20
SPW18G4AS02	1.5	460-3-60	17.4	4.1	3/4	1.5	Heat	2	4.75	- - -	7.8	15
SPW18G1AS05	1.5	208/230-1-60	48.2	10.4	1/2	3.8	Heat	5	18.06	- - -	27.3	30
SPW18G3AS05	1.5	208/230-3-60	41	6.5	1/2	2.2	Heat	5	18.06	- - -	25.3	30
SPW18G4AS05	1.5	460-3-60	17.4	4.1	1/2	1.3	Heat	5	11.88	- - -	16.5	20
SPW18G1AS05	1.5	208/230-1-60	48.2	10.4	3/4	5.8	Heat	5	18.06	- - -	29.8	35
SPW18G3AS05	1.5	208/230-3-60	41	6.5	3/4	3.2	Heat	5	18.06	- - -	26.6	30
SPW18G4AS05	1.5	460-3-60	17.4	4.1	3/4	1.5	Heat	5	11.88	- - -	16.7	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

2 - 3 Ton Water-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
CW2G1AS	2	208/230-1-60	59	13.4	1/2	3.8	- - -	- - -	- - -	- - -	20.6	35
CW2G3AS	2	208/230-3-60	50	8.7	1/2	2.2	- - -	- - -	- - -	- - -	13.1	25
CW2G4AS	2	460-3-60	25	4.2	1/2	1.3	- - -	- - -	- - -	- - -	6.6	15
CW2G1AS	2	208/230-1-60	59	13.4	3/4	5.8	- - -	- - -	- - -	- - -	22.6	40
CW2G3AS	2	208/230-3-60	50	8.7	3/4	3.2	- - -	- - -	- - -	- - -	14.1	25
CW2G4AS	2	460-3-60	25	4.2	3/4	1.5	- - -	- - -	- - -	- - -	6.8	15
CW2G1AS05	2	208/230-1-60	59	13.4	1/2	3.8	Heat	5	18.06	- - -	27.3	35
CW2G3AS05	2	208/230-3-60	50	8.7	1/2	2.2	Heat	5	18.06	- - -	25.3	30
CW2G4AS05	2	460-3-60	25	4.2	1/2	1.3	Heat	5	11.88	- - -	16.5	20
CW2G1AS05	2	208/230-1-60	59	13.4	3/4	5.8	Heat	5	18.06	- - -	29.8	40
CW2G3AS05	2	208/230-3-60	50	8.7	3/4	3.2	Heat	5	18.06	- - -	26.6	30
CW2G4AS05	2	460-3-60	25	4.2	3/4	1.5	Heat	5	11.88	- - -	16.7	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
CW3G1AS	3	208/230-1-60	93	22.5	3/4	5.8	- - -	- - -	- - -	- - -	33.9	60
CW3G3AS	3	208/230-3-60	74	14.3	3/4	3.2	- - -	- - -	- - -	- - -	21.1	40
CW3G4AS	3	460-3-60	41	6.7	3/4	1.5	- - -	- - -	- - -	- - -	9.9	20
CW3G1AS	3	208/230-1-60	93	22.5	1	7.0	- - -	- - -	- - -	- - -	35.1	60
CW3G3AS	3	208/230-3-60	74	14.3	1	3.4	- - -	- - -	- - -	- - -	21.3	40
CW3G4AS	3	460-3-60	41	6.7	1	1.6	- - -	- - -	- - -	- - -	10	20
CW3G1AS05	3	208/230-1-60	93	22.5	3/4	5.8	Heat	5	18.06	- - -	33.9	60
CW3G3AS05	3	208/230-3-60	74	14.3	3/4	3.2	Heat	5	18.06	- - -	26.6	40
CW3G4AS05	3	460-3-60	41	6.7	3/4	1.5	Heat	5	11.88	- - -	16.7	20
CW3G1AS05	3	208/230-1-60	93	22.5	1	7.0	Heat	5	18.06	- - -	35.1	60
CW3G3AS05	3	208/230-3-60	74	14.3	1	3.4	Heat	5	18.06	- - -	26.8	40
CW3G4AS05	3	460-3-60	41	6.7	1	1.6	Heat	5	11.88	- - -	16.9	20
CW3G1AS10	3	208/230-1-60	93	22.5	3/4	5.8	Heat	10	36.11	- - -	52.4	60
CW3G3AS10	3	208/230-3-60	74	14.3	3/4	3.2	Heat	10	20.85	- - -	30.1	40
CW3G4AS10	3	460-3-60	41	6.7	3/4	1.5	Heat	10	13.72	- - -	19	20
CW3G1AS10	3	208/230-1-60	93	22.5	1	7.0	Heat	10	36.11	- - -	53.9	60
CW3G3AS10	3	208/230-3-60	74	14.3	1	3.4	Heat	10	20.85	- - -	30.3	40
CW3G4AS10	3	460-3-60	41	6.7	1	1.6	Heat	10	13.72	- - -	19.2	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

4 Ton Water-Cooled Electrical Data

Single Circuit

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
CW4G1ASN	4	208/230-1-60	125	30.7	1	7.0	- - -	- - -	- - -	- - -	45.4	80
CW4G3ASN	4	208/230-3-60	90	17.9	1	3.4	- - -	- - -	- - -	- - -	25.8	45
CW4G4ASN	4	460-3-60	45	8.6	1	1.6	- - -	- - -	- - -	- - -	12.4	25
CW4G1ASN	4	208/230-1-60	125	30.7	1-1/2	9.4	- - -	- - -	- - -	- - -	47.8	80
CW4G3ASN	4	208/230-3-60	90	17.9	1-1/2	5.0	- - -	- - -	- - -	- - -	27.4	50
CW4G4ASN	4	460-3-60	45	8.6	1-1/2	2.4	- - -	- - -	- - -	- - -	13.2	25
CW4G1ASN05	4	208/230-1-60	125	30.7	1	7.0	Heat	5	18.06	- - -	45.4	80
CW4G3ASN05	4	208/230-3-60	90	17.9	1	3.4	Heat	5	18.06	- - -	26.8	45
CW4G4ASN05	4	460-3-60	45	8.6	1	1.6	Heat	5	11.88	- - -	16.9	25
CW4G1ASN05	4	208/230-1-60	125	30.7	1-1/2	9.4	Heat	5	18.06	- - -	47.8	80
CW4G3ASN05	4	208/230-3-60	90	17.9	1-1/2	5.0	Heat	5	18.06	- - -	28.8	50
CW4G4ASN05	4	460-3-60	45	8.6	1-1/2	2.4	Heat	5	11.88	- - -	17.9	25
CW4G1ASN10	4	208/230-1-60	125	30.7	1	7.0	Heat	10	36.11	- - -	53.9	80
CW4G3ASN10	4	208/230-3-60	90	17.9	1	3.4	Heat	10	20.85	- - -	30.3	45
CW4G4ASN10	4	460-3-60	45	8.6	1	1.6	Heat	10	13.72	- - -	19.2	25
CW4G1ASN10	4	208/230-1-60	125	30.7	1-1/2	9.4	Heat	10	36.11	- - -	56.9	80
CW4G3ASN10	4	208/230-3-60	90	17.9	1-1/2	5.0	Heat	10	20.85	- - -	32.3	50
CW4G4ASN10	4	460-3-60	45	8.6	1-1/2	2.4	Heat	10	13.72	- - -	20.2	25
CW4G3ASN15	4	208/230-3-60	90	17.9	1	3.4	Heat	15	31.27	- - -	43.3	45
CW4G4ASN15	4	460-3-60	45	8.6	1	1.6	Heat	15	20.58	- - -	27.7	30
CW4G3ASN15	4	208/230-3-60	90	17.9	1-1/2	5.0	Heat	15	31.27	- - -	45.3	50
CW4G4ASN15	4	460-3-60	45	8.6	1-1/2	2.4	Heat	15	20.58	- - -	28.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Dual Circuit

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
CW4G1A	4	208/230-1-60	59 ea	13.4 ea	1	7.0	- - -	- - -	- - -	- - -	37.2	55
CW4G3A	4	208/230-3-60	50 ea	8.7 ea	1	3.4	- - -	- - -	- - -	- - -	23.0	35
CW4G4A	4	460-3-60	25 ea	4.2 ea	1	1.6	- - -	- - -	- - -	- - -	11.1	20
CW4G1A	4	208/230-1-60	59 ea	13.4 ea	1-1/2	9.4	- - -	- - -	- - -	- - -	39.6	55
CW4G3A	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	- - -	- - -	- - -	- - -	24.6	35
CW4G4A	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	- - -	- - -	- - -	- - -	11.9	20
CW4G1A05	4	208/230-1-60	59 ea	13.4 ea	1	7.0	Heat	5	18.06	- - -	37.2	55
CW4G3A05	4	208/230-3-60	50 ea	8.7 ea	1	3.4	Heat	5	18.06	- - -	26.8	35
CW4G4A05	4	460-3-60	25 ea	4.2 ea	1	1.6	Heat	5	11.88	- - -	16.9	20
CW4G1A05	4	208/230-1-60	59 ea	13.4 ea	1-1/2	9.4	Heat	5	18.06	- - -	39.6	55
CW4G3A05	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	Heat	5	18.06	- - -	28.8	35
CW4G4A05	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	Heat	5	11.88	- - -	17.9	20
CW4G1A10	4	208/230-1-60	59 ea	13.4 ea	1	7.0	Heat	10	36.11	- - -	53.9	55
CW4G3A10	4	208/230-3-60	50 ea	8.7 ea	1	3.4	Heat	10	20.85	- - -	30.3	35
CW4G4A10	4	460-3-60	25 ea	4.2 ea	1	1.6	Heat	10	13.72	- - -	19.2	20
CW4G1A10	4	208/230-1-60	59 ea	13.4 ea	1-1/2	9.4	Heat	10	36.11	- - -	56.9	60
CW4G3A10	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	Heat	10	20.85	- - -	32.3	35
CW4G4A10	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	Heat	10	13.72	- - -	20.2	25
CW4G3A15	4	208/230-3-60	50 ea	8.7 ea	1	3.4	Heat	15	31.27	- - -	43.3	45
CW4G4A15	4	460-3-60	25 ea	4.2 ea	1	1.6	Heat	15	20.58	- - -	27.7	30
CW4G3A15	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	Heat	15	31.27	- - -	45.3	50
CW4G4A15	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	Heat	15	20.58	- - -	28.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Values listed are typical and may vary dependent upon the components utilized.

5 Ton Water-Cooled Electrical Data

Single Circuit

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
CW5G1ASN	5	208/230-1-60	142	34.3	1	7.0	- - -	- - -	- - -	- - -	49.9	85
CW5G3ASN	5	208/230-3-60	130	21.4	1	3.4	- - -	- - -	- - -	- - -	30.2	55
CW5G4ASN	5	460-3-60	65	9.6	1	1.6	- - -	- - -	- - -	- - -	13.6	25
CW5G1ASN	5	208/230-1-60	142	34.3	1-1/2	9.4	- - -	- - -	- - -	- - -	52.3	90
CW5G3ASN	5	208/230-3-60	130	21.4	1-1/2	5.0	- - -	- - -	- - -	- - -	31.8	55
CW5G4ASN	5	460-3-60	65	9.6	1-1/2	2.4	- - -	- - -	- - -	- - -	14.4	25
CW5G1ASN05	5	208/230-1-60	142	34.3	1	7.0	Heat	5	18.06	- - -	49.9	85
CW5G3ASN05	5	208/230-3-60	130	21.4	1	3.4	Heat	5	18.06	- - -	30.2	55
CW5G4ASN05	5	460-3-60	65	9.6	1	1.6	Heat	5	11.88	- - -	16.9	25
CW5G1ASN05	5	208/230-1-60	142	34.3	1-1/2	9.4	Heat	5	18.06	- - -	52.3	90
CW5G3ASN05	5	208/230-3-60	130	21.4	1-1/2	5.0	Heat	5	18.06	- - -	31.8	55
CW5G4ASN05	5	460-3-60	65	9.6	1-1/2	2.4	Heat	5	11.88	- - -	17.9	25
CW5G1ASN10	5	208/230-1-60	142	34.3	1	7.0	Heat	10	36.11	- - -	53.9	85
CW5G3ASN10	5	208/230-3-60	130	21.4	1	3.4	Heat	10	20.85	- - -	30.3	55
CW5G4ASN10	5	460-3-60	65	9.6	1	1.6	Heat	10	13.72	- - -	19.2	25
CW5G1ASN10	5	208/230-1-60	142	34.3	1-1/2	9.4	Heat	10	36.11	- - -	56.9	90
CW5G3ASN10	5	208/230-3-60	130	21.4	1-1/2	5.0	Heat	10	20.85	- - -	32.3	55
CW5G4ASN10	5	460-3-60	65	9.6	1-1/2	2.4	Heat	10	13.72	- - -	20.2	25
CW5G3ASN15	5	208/230-3-60	130	21.4	1	3.4	Heat	15	31.27	- - -	43.3	55
CW5G4ASN15	5	460-3-60	65	9.6	1	1.6	Heat	15	20.58	- - -	27.7	30
CW5G3ASN15	5	208/230-3-60	130	21.4	1-1/2	5.0	Heat	15	31.27	- - -	45.3	55
CW5G4ASN15	5	460-3-60	65	9.6	1-1/2	2.4	Heat	15	20.58	- - -	28.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Dual Circuit

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
CW5G1A	5	208/230-1-60	75.8 ea	17.3 ea	1	7.0	- - -	- - -	- - -	- - -	45.9	65
CW5G3A	5	208/230-3-60	65 ea	12 ea	1	3.4	- - -	- - -	- - -	- - -	30.4	45
CW5G4A	5	460-3-60	32 ea	5.6 ea	1	1.6	- - -	- - -	- - -	- - -	14.2	20
CW5G1A	5	208/230-1-60	75.8 ea	17.3 ea	1-1/2	9.4	- - -	- - -	- - -	- - -	48.3	70
CW5G3A	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	- - -	- - -	- - -	- - -	32.0	45
CW5G4A	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	- - -	- - -	- - -	- - -	15.0	25
CW5G1A05	5	208/230-1-60	75.8 ea	17.3 ea	1	7.0	Heat	5	18.06	- - -	45.9	65
CW5G3A05	5	208/230-3-60	65 ea	12 ea	1	3.4	Heat	5	18.06	- - -	30.4	45
CW5G4A05	5	460-3-60	32 ea	5.6 ea	1	1.6	Heat	5	11.88	- - -	16.9	20
CW5G1A05	5	208/230-1-60	75.8 ea	17.3 ea	1-1/2	9.4	Heat	5	18.06	- - -	48.3	70
CW5G3A05	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	Heat	5	18.06	- - -	32.0	45
CW5G4A05	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	Heat	5	11.88	- - -	17.9	25
CW5G1A10	5	208/230-1-60	75.8 ea	17.3 ea	1	7.0	Heat	10	36.11	- - -	53.9	65
CW5G3A10	5	208/230-3-60	65 ea	12 ea	1	3.4	Heat	10	20.85	- - -	30.4	45
CW5G4A10	5	460-3-60	32 ea	5.6 ea	1	1.6	Heat	10	13.72	- - -	19.2	20
CW5G1A10	5	208/230-1-60	75.8 ea	17.3 ea	1-1/2	9.4	Heat	10	36.11	- - -	56.9	70
CW5G3A10	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	Heat	10	20.85	- - -	32.3	45
CW5G4A10	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	Heat	10	13.72	- - -	20.2	25
CW5G3A15	5	208/230-3-60	65 ea	12 ea	1	3.4	Heat	15	31.27	- - -	43.3	45
CW5G4A15	5	460-3-60	32 ea	5.6 ea	1	1.6	Heat	15	20.58	- - -	27.7	30
CW5G3A15	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	Heat	15	31.27	- - -	45.3	50
CW5G4A15	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	Heat	15	20.58	- - -	28.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Values listed are typical and may vary dependent upon the components utilized.

6 - 8 Ton Water-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
CW6G3A	6	208/230-3-60	74 ea	14.3 ea	2	6.5	- - -	- - -	- - -	- - -	38.7	55
CW6G4A	6	460-3-60	41 ea	6.7 ea	2	3.1	- - -	- - -	- - -	- - -	18.2	25
CW6G3A	6	208/230-3-60	74 ea	14.3 ea	3	8.8	- - -	- - -	- - -	- - -	41.0	60
CW6G4A	6	460-3-60	41 ea	6.7 ea	3	4.2	- - -	- - -	- - -	- - -	19.3	30
CW6G3A05	6	208/230-3-60	74 ea	14.3 ea	2	6.5	Heat	5	18.06	- - -	38.7	55
CW6G4A05	6	460-3-60	41 ea	6.7 ea	2	3.1	Heat	5	11.88	- - -	18.7	25
CW6G3A05	6	208/230-3-60	74 ea	14.3 ea	3	8.8	Heat	5	18.06	- - -	41.0	60
CW6G4A05	6	460-3-60	41 ea	6.7 ea	3	4.2	Heat	5	11.88	- - -	20.1	30
CW6G3A10	6	208/230-3-60	74 ea	14.3 ea	2	6.5	Heat	10	20.85	- - -	38.7	55
CW6G4A10	6	460-3-60	41 ea	6.7 ea	2	3.1	Heat	10	13.72	- - -	21.0	25
CW6G3A10	6	208/230-3-60	74 ea	14.3 ea	3	8.8	Heat	10	20.85	- - -	41.0	60
CW6G4A10	6	460-3-60	41 ea	6.7 ea	3	4.2	Heat	10	13.72	- - -	22.4	30
CW6G3A15	6	208/230-3-60	74 ea	14.3 ea	2	6.5	Heat	15	31.27	- - -	47.2	55
CW6G4A15	6	460-3-60	41 ea	6.7 ea	2	3.1	Heat	15	20.58	- - -	29.6	30
CW6G3A15	6	208/230-3-60	74 ea	14.3 ea	3	8.8	Heat	15	31.27	- - -	50.1	60
CW6G4A15	6	460-3-60	41 ea	6.7 ea	3	4.2	Heat	15	20.58	- - -	31.0	35
CW6G3A20	6	208/230-3-60	74 ea	14.3 ea	2	6.5	Heat	20	41.7	- - -	60.3	65
CW6G4A20	6	460-3-60	41 ea	6.7 ea	2	3.1	Heat	20	27.44	- - -	38.2	40
CW6G3A20	6	208/230-3-60	74 ea	14.3 ea	3	8.8	Heat	20	41.7	- - -	63.1	65
CW6G4A20	6	460-3-60	41 ea	6.7 ea	3	4.2	Heat	20	27.44	- - -	39.6	40

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
CW8G3A	8	208/230-3-60	90 ea	17.9 ea	3	8.8	- - -	- - -	- - -	- - -	49.1	70
CW8G4A	8	460-3-60	45 ea	8.6 ea	3	4.2	- - -	- - -	- - -	- - -	23.6	35
CW8G3A	8	208/230-3-60	90 ea	17.9 ea	5	13.5	- - -	- - -	- - -	- - -	53.8	75
CW8G4A	8	460-3-60	45 ea	8.6 ea	5	6.5	- - -	- - -	- - -	- - -	25.9	35
CW8G3A10	8	208/230-3-60	90 ea	17.9 ea	3	8.8	Heat	10	20.85	- - -	49.1	70
CW8G4A10	8	460-3-60	45 ea	8.6 ea	3	4.2	Heat	10	13.72	- - -	23.6	35
CW8G3A10	8	208/230-3-60	90 ea	17.9 ea	5	13.5	Heat	10	20.85	- - -	53.8	75
CW8G4A10	8	460-3-60	45 ea	8.6 ea	5	6.5	Heat	10	13.72	- - -	25.9	35
CW8G3A15	8	208/230-3-60	90 ea	17.9 ea	3	8.8	Heat	15	31.27	- - -	50.1	70
CW8G4A15	8	460-3-60	45 ea	8.6 ea	3	4.2	Heat	15	20.58	- - -	31.0	35
CW8G3A15	8	208/230-3-60	90 ea	17.9 ea	5	13.5	Heat	15	31.27	- - -	56.0	75
CW8G4A15	8	460-3-60	45 ea	8.6 ea	5	6.5	Heat	15	20.58	- - -	33.9	40
CW8G3A20	8	208/230-3-60	90 ea	17.9 ea	3	8.8	Heat	20	41.7	- - -	63.1	70
CW8G4A20	8	460-3-60	45 ea	8.6 ea	3	4.2	Heat	20	27.44	- - -	39.6	40
CW8G3A20	8	208/230-3-60	90 ea	17.9 ea	5	13.5	Heat	20	41.7	- - -	69.0	75
CW8G4A20	8	460-3-60	45 ea	8.6 ea	5	6.5	Heat	20	27.44	- - -	42.4	45
CW8G3A25	8	208/230-3-60	90 ea	17.9 ea	3	8.8	Heat	25	52.12	- - -	76.2	80
CW8G4A25	8	460-3-60	45 ea	8.6 ea	3	4.2	Heat	25	34.3	- - -	48.1	50
CW8G3A25	8	208/230-3-60	90 ea	17.9 ea	5	13.5	Heat	25	52.12	- - -	82.0	85
CW8G4A25	8	460-3-60	45 ea	8.6 ea	5	6.5	Heat	25	34.3	- - -	51.0	55

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

10 - 12 Ton Water-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
CW10G3A	10	208/230-3-60	130 ea	21.4 ea	3	8.8	- - -	- - -	- - -	- - -	57.0	80
CW10G4A	10	460-3-60	65 ea	9.6 ea	3	4.2	- - -	- - -	- - -	- - -	25.8	40
CW10G3A	10	208/230-3-60	130 ea	21.4 ea	5	13.5	- - -	- - -	- - -	- - -	61.7	85
CW10G4A	10	460-3-60	65 ea	9.6 ea	5	6.5	- - -	- - -	- - -	- - -	28.1	40
CW10G3A10	10	208/230-3-60	130 ea	21.4 ea	3	8.8	Heat	10	20.85	- - -	57.0	80
CW10G4A10	10	460-3-60	65 ea	9.6 ea	3	4.2	Heat	10	13.72	- - -	25.8	40
CW10G3A10	10	208/230-3-60	130 ea	21.4 ea	5	13.5	Heat	10	20.85	- - -	61.7	85
CW10G4A10	10	460-3-60	65 ea	9.6 ea	5	6.5	Heat	10	13.72	- - -	28.1	40
CW10G3A15	10	208/230-3-60	130 ea	21.4 ea	3	8.8	Heat	15	31.27	- - -	57.0	80
CW10G4A15	10	460-3-60	65 ea	9.6 ea	3	4.2	Heat	15	20.58	- - -	31.0	40
CW10G3A15	10	208/230-3-60	130 ea	21.4 ea	5	13.5	Heat	15	31.27	- - -	61.7	85
CW10G4A15	10	460-3-60	65 ea	9.6 ea	5	6.5	Heat	15	20.58	- - -	33.9	40
CW10G3A20	10	208/230-3-60	130 ea	21.4 ea	3	8.8	Heat	20	41.7	- - -	63.1	80
CW10G4A20	10	460-3-60	65 ea	9.6 ea	3	4.2	Heat	20	27.44	- - -	39.6	40
CW10G3A20	10	208/230-3-60	130 ea	21.4 ea	5	13.5	Heat	20	41.7	- - -	69.0	85
CW10G4A20	10	460-3-60	65 ea	9.6 ea	5	6.5	Heat	20	27.44	- - -	42.4	45
CW10G3A25	10	208/230-3-60	130 ea	21.4 ea	3	8.8	Heat	25	52.12	- - -	76.2	80
CW10G4A25	10	460-3-60	65 ea	9.6 ea	3	4.2	Heat	25	34.3	- - -	48.1	50
CW10G3A25	10	208/230-3-60	130 ea	21.4 ea	5	13.5	Heat	25	52.12	- - -	82.0	85
CW10G4A25	10	460-3-60	65 ea	9.6 ea	5	6.5	Heat	25	34.3	- - -	51.0	55
CW10G3A30	10	208/230-3-60	130 ea	21.4 ea	3	8.8	Heat	30	62.55	- - -	89.2	90
CW10G4A30	10	460-3-60	65 ea	9.6 ea	3	4.2	Heat	30	41.15	- - -	56.7	60
CW10G3A30	10	208/230-3-60	130 ea	21.4 ea	5	13.5	Heat	30	62.55	- - -	95.1	100
CW10G4A30	10	460-3-60	65 ea	9.6 ea	5	6.5	Heat	30	41.15	- - -	59.6	60

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
CW12G3B	12	208/230-3-60	90 ea	17.9 ea	5	13.5	- - -	- - -	- - -	- - -	71.7	90
CW12G4B	12	460-3-60	45 ea	8.6 ea	5	6.5	- - -	- - -	- - -	- - -	34.5	45
CW12G3B	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	- - -	- - -	- - -	- - -	76.2	95
CW12G4B	12	460-3-60	45 ea	8.6 ea	7.5	9.0	- - -	- - -	- - -	- - -	37.0	50
CW12G3B10	12	208/230-3-60	90 ea	17.9 ea	5	13.5	Heat	10	20.85	- - -	71.7	90
CW12G4B10	12	460-3-60	45 ea	8.6 ea	5	6.5	Heat	10	13.72	- - -	34.5	45
CW12G3B10	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	Heat	10	20.85	- - -	76.2	95
CW12G4B10	12	460-3-60	45 ea	8.6 ea	7.5	9.0	Heat	10	13.72	- - -	37.0	50
CW12G3B15	12	208/230-3-60	90 ea	17.9 ea	5	13.5	Heat	15	31.27	- - -	71.7	90
CW12G4B15	12	460-3-60	45 ea	8.6 ea	5	6.5	Heat	15	20.58	- - -	34.5	45
CW12G3B15	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	Heat	15	31.27	- - -	76.2	95
CW12G4B15	12	460-3-60	45 ea	8.6 ea	7.5	9.0	Heat	15	20.58	- - -	37.0	50
CW12G3B20	12	208/230-3-60	90 ea	17.9 ea	5	13.5	Heat	20	41.7	- - -	71.7	90
CW12G4B20	12	460-3-60	45 ea	8.6 ea	5	6.5	Heat	20	27.44	- - -	42.4	45
CW12G3B20	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	Heat	20	41.7	- - -	76.2	95
CW12G4B20	12	460-3-60	45 ea	8.6 ea	7.5	9.0	Heat	20	27.44	- - -	45.6	50
CW12G3B25	12	208/230-3-60	90 ea	17.9 ea	5	13.5	Heat	25	52.12	- - -	82.0	90
CW12G4B25	12	460-3-60	45 ea	8.6 ea	5	6.5	Heat	25	34.3	- - -	51.0	55
CW12G3B25	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	Heat	25	52.12	- - -	87.7	95
CW12G4B25	12	460-3-60	45 ea	8.6 ea	7.5	9.0	Heat	25	34.3	- - -	54.1	55
CW12G3B30	12	208/230-3-60	90 ea	17.9 ea	5	13.5	Heat	30	62.55	- - -	95.1	100
CW12G4B30	12	460-3-60	45 ea	8.6 ea	5	6.5	Heat	30	41.15	- - -	59.6	60
CW12G3B30	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	Heat	30	62.55	- - -	100.7	105
CW12G4B30	12	460-3-60	45 ea	8.6 ea	7.5	9.0	Heat	30	41.15	- - -	62.7	65

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

15 Ton Water-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
CW15G3B	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	- - -	- - -	- - -	- - -	87.6	110
CW15G4B	15	460-3-60	65 ea	9.6 ea	7.5	9.0	- - -	- - -	- - -	- - -	40.2	50
CW15G3B	15	208/230-3-60	130 ea	21.4 ea	10	28	- - -	- - -	- - -	- - -	97.6	120
CW15G4B	15	460-3-60	65 ea	9.6 ea	10	14	- - -	- - -	- - -	- - -	45.2	55
CW15G3B10	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	Heat	10	20.85	- - -	87.6	110
CW15G4B10	15	460-3-60	65 ea	9.6 ea	7.5	9.0	Heat	10	13.72	- - -	40.2	50
CW15G3B10	15	208/230-3-60	130 ea	21.4 ea	10	28	Heat	10	20.85	- - -	97.6	120
CW15G4B10	15	460-3-60	65 ea	9.6 ea	10	14	Heat	10	13.72	- - -	45.2	55
CW15G3B20	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	Heat	20	41.7	- - -	87.6	110
CW15G4B20	15	460-3-60	65 ea	9.6 ea	7.5	9.0	Heat	20	27.44	- - -	45.6	50
CW15G3B20	15	208/230-3-60	130 ea	21.4 ea	10	28	Heat	20	41.7	- - -	97.6	120
CW15G4B20	15	460-3-60	65 ea	9.6 ea	10	14	Heat	20	27.44	- - -	51.8	60
CW15G3B25	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	Heat	25	52.12	- - -	87.7	110
CW15G4B25	15	460-3-60	65 ea	9.6 ea	7.5	9.0	Heat	25	34.3	- - -	54.1	55
CW15G3B25	15	208/230-3-60	130 ea	21.4 ea	10	28	Heat	25	52.12	- - -	100.2	120
CW15G4B25	15	460-3-60	65 ea	9.6 ea	10	14	Heat	25	34.3	- - -	60.4	70
CW15G3B30	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	Heat	30	62.55	- - -	100.7	110
CW15G4B30	15	460-3-60	65 ea	9.6 ea	7.5	9.0	Heat	30	41.15	- - -	62.7	65
CW15G3B30	15	208/230-3-60	130 ea	21.4 ea	10	28	Heat	30	62.55	- - -	113.2	130
CW15G4B30	15	460-3-60	65 ea	9.6 ea	10	14	Heat	30	41.15	- - -	68.9	75

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

1 - 1.5 Ton Evaporator Electrical Data

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
ESP12G1AS	1	208/230-1-60	1/2	3.8	- - -	- - -	- - -	- - -	4.8	10
ESP12G3AS	1	208/230-3-60	1/2	2.2	- - -	- - -	- - -	- - -	2.8	5
ESP12G4AS	1	460-3-60	1/2	1.3	- - -	- - -	- - -	- - -	1.6	5
ESP12G1AS	1	208/230-1-60	3/4	5.8	- - -	- - -	- - -	- - -	7.3	15
ESP12G3AS	1	208/230-3-60	3/4	3.2	- - -	- - -	- - -	- - -	4	10
ESP12G4AS	1	460-3-60	3/4	1.5	- - -	- - -	- - -	- - -	1.9	5
ESP12G1AS02	1	208/230-1-60	1/2	3.8	Heat	2	7.22	- - -	13.8	20
ESP12G3AS02	1	208/230-3-60	1/2	2.2	Heat	2	7.22	- - -	11.8	15
ESP12G4AS02	1	460-3-60	1/2	1.3	Heat	2	4.75	- - -	7.6	10
ESP12G1AS02	1	208/230-1-60	3/4	5.8	Heat	2	7.22	- - -	16.3	25
ESP12G3AS02	1	208/230-3-60	3/4	3.2	Heat	2	7.22	- - -	13	15
ESP12G4AS02	1	460-3-60	3/4	1.5	Heat	2	4.75	- - -	7.8	10

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
ESP18G1AS	1.5	208/230-1-60	1/2	3.8	- - -	- - -	- - -	- - -	4.8	10
ESP18G3AS	1.5	208/230-3-60	1/2	2.2	- - -	- - -	- - -	- - -	2.8	5
ESP18G4AS	1.5	460-3-60	1/2	1.3	- - -	- - -	- - -	- - -	1.6	5
ESP18G1AS	1.5	208/230-1-60	3/4	5.8	- - -	- - -	- - -	- - -	7.3	15
ESP18G3AS	1.5	208/230-3-60	3/4	3.2	- - -	- - -	- - -	- - -	4	10
ESP18G4AS	1.5	460-3-60	3/4	1.5	- - -	- - -	- - -	- - -	1.9	5
ESP18G1AS02	1.5	208/230-1-60	1/2	3.8	Heat	2	7.22	- - -	13.8	20
ESP18G3AS02	1.5	208/230-3-60	1/2	2.2	Heat	2	7.22	- - -	11.8	15
ESP18G4AS02	1.5	460-3-60	1/2	1.3	Heat	2	4.75	- - -	7.6	10
ESP18G1AS02	1.5	208/230-1-60	3/4	5.8	Heat	2	7.22	- - -	16.3	25
ESP18G3AS02	1.5	208/230-3-60	3/4	3.2	Heat	2	7.22	- - -	13	15
ESP18G4AS02	1.5	460-3-60	3/4	1.5	Heat	2	4.75	- - -	7.8	10
ESP18G1AS05	1.5	208/230-1-60	1/2	3.8	Heat	5	18.06	- - -	27.3	30
ESP18G3AS05	1.5	208/230-3-60	1/2	2.2	Heat	5	18.06	- - -	25.3	30
ESP18G4AS05	1.5	460-3-60	1/2	1.3	Heat	5	11.88	- - -	16.5	20
ESP18G1AS05	1.5	208/230-1-60	3/4	5.8	Heat	5	18.06	- - -	29.8	35
ESP18G3AS05	1.5	208/230-3-60	3/4	3.2	Heat	5	18.06	- - -	26.6	30
ESP18G4AS05	1.5	460-3-60	3/4	1.5	Heat	5	11.88	- - -	16.7	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

2 - 3 Ton Evaporator Electrical Data

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
E2G1AS	2	208/230-1-60	1/2	3.8	---	---	---	---	4.8	10
E2G3AS	2	208/230-3-60	1/2	2.2	---	---	---	---	2.8	5
E2G4AS	2	460-3-60	1/2	1.3	---	---	---	---	1.6	5
E2G1AS	2	208/230-1-60	3/4	5.8	---	---	---	---	7.3	15
E2G3AS	2	208/230-3-60	3/4	3.2	---	---	---	---	4	10
E2G4AS	2	460-3-60	3/4	1.5	---	---	---	---	1.9	5
E2G1AS05	2	208/230-1-60	1/2	3.8	Heat	5	18.06	---	27.3	30
E2G3AS05	2	208/230-3-60	1/2	2.2	Heat	5	18.06	---	25.3	30
E2G4AS05	2	460-3-60	1/2	1.3	Heat	5	11.88	---	16.5	20
E2G1AS05	2	208/230-1-60	3/4	5.8	Heat	5	18.06	---	29.8	35
E2G3AS05	2	208/230-3-60	3/4	3.2	Heat	5	18.06	---	26.6	30
E2G4AS05	2	460-3-60	3/4	1.5	Heat	5	11.88	---	16.7	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
E3G1AS	3	208/230-1-60	3/4	5.8	---	---	---	---	7.3	15
E3G3AS	3	208/230-3-60	3/4	3.2	---	---	---	---	4	10
E3G4AS	3	460-3-60	3/4	1.5	---	---	---	---	1.9	5
E3G1AS	3	208/230-1-60	1	7.0	---	---	---	---	8.8	20
E3G3AS	3	208/230-3-60	1	3.4	---	---	---	---	4.3	10
E3G4AS	3	460-3-60	1	1.6	---	---	---	---	2	5
E3G1AS05	3	208/230-1-60	3/4	5.8	Heat	5	18.06	---	29.8	35
E3G3AS05	3	208/230-3-60	3/4	3.2	Heat	5	18.06	---	26.6	30
E3G4AS05	3	460-3-60	3/4	1.5	Heat	5	11.88	---	16.7	20
E3G1AS05	3	208/230-1-60	1	7.0	Heat	5	18.06	---	31.3	35
E3G3AS05	3	208/230-3-60	1	3.4	Heat	5	18.06	---	26.8	30
E3G4AS05	3	460-3-60	1	1.6	Heat	5	11.88	---	16.9	20
E3G1AS10	3	208/230-1-60	3/4	5.8	Heat	10	36.11	---	52.4	55
E3G3AS10	3	208/230-3-60	3/4	3.2	Heat	10	20.85	---	30.1	35
E3G4AS10	3	460-3-60	3/4	1.5	Heat	10	13.72	---	19	20
E3G1AS10	3	208/230-1-60	1	7.0	Heat	10	36.11	---	53.9	55
E3G3AS10	3	208/230-3-60	1	3.4	Heat	10	20.85	---	30.3	35
E3G4AS10	3	460-3-60	1	1.6	Heat	10	13.72	---	19.2	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

4 Ton Evaporator Electrical Data

Single Circuit

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
E4G1ASN	4	208/230-1-60	1	7.0	- - -	- - -	- - -	- - -	8.8	20
E4G3ASN	4	208/230-3-60	1	3.4	- - -	- - -	- - -	- - -	4.3	10
E4G4ASN	4	460-3-60	1	1.6	- - -	- - -	- - -	- - -	2	5
E4G1ASN	4	208/230-1-60	1-1/2	9.4	- - -	- - -	- - -	- - -	11.8	25
E4G3ASN	4	208/230-3-60	1-1/2	5.0	- - -	- - -	- - -	- - -	6.3	15
E4G4ASN	4	460-3-60	1-1/2	2.4	- - -	- - -	- - -	- - -	3.0	10
E4G1ASN05	4	208/230-1-60	1	7.0	Heat	5	18.06	- - -	31.3	35
E4G3ASN05	4	208/230-3-60	1	3.4	Heat	5	18.06	- - -	26.8	30
E4G4ASN05	4	460-3-60	1	1.6	Heat	5	11.88	- - -	16.9	20
E4G1ASN05	4	208/230-1-60	1-1/2	9.4	Heat	5	18.06	- - -	34.3	40
E4G3ASN05	4	208/230-3-60	1-1/2	5.0	Heat	5	18.06	- - -	28.8	30
E4G4ASN05	4	460-3-60	1-1/2	2.4	Heat	5	11.88	- - -	17.9	20
E4G1ASN10	4	208/230-1-60	1	7.0	Heat	10	36.11	- - -	53.9	55
E4G3ASN10	4	208/230-3-60	1	3.4	Heat	10	20.85	- - -	30.3	35
E4G4ASN10	4	460-3-60	1	1.6	Heat	10	13.72	- - -	19.2	20
E4G1ASN10	4	208/230-1-60	1-1/2	9.4	Heat	10	36.11	- - -	56.9	60
E4G3ASN10	4	208/230-3-60	1-1/2	5.0	Heat	10	20.85	- - -	32.3	35
E4G4ASN10	4	460-3-60	1-1/2	2.4	Heat	10	13.72	- - -	20.2	25
E4G3ASN15	4	208/230-3-60	1	3.4	Heat	15	31.27	- - -	43.9	45
E4G4ASN15	4	460-3-60	1	1.6	Heat	15	20.58	- - -	27.7	30
E4G3ASN15	4	208/230-3-60	1-1/2	5.0	Heat	15	31.27	- - -	45.9	50
E4G4ASN15	4	460-3-60	1-1/2	2.4	Heat	15	20.58	- - -	28.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Dual Circuit

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
E4G1A	4	208/230-1-60	1	7.0	- - -	- - -	- - -	- - -	8.8	20
E4G3A	4	208/230-3-60	1	3.4	- - -	- - -	- - -	- - -	4.3	10
E4G4A	4	460-3-60	1	1.6	- - -	- - -	- - -	- - -	2	5
E4G1A	4	208/230-1-60	1-1/2	9.4	- - -	- - -	- - -	- - -	11.8	25
E4G3A	4	208/230-3-60	1-1/2	5.0	- - -	- - -	- - -	- - -	6.3	15
E4G4A	4	460-3-60	1-1/2	2.4	- - -	- - -	- - -	- - -	3.0	10
E4G1A05	4	208/230-1-60	1	7.0	Heat	5	18.06	- - -	31.3	35
E4G3A05	4	208/230-3-60	1	3.4	Heat	5	18.06	- - -	26.8	30
E4G4A05	4	460-3-60	1	1.6	Heat	5	11.88	- - -	16.9	20
E4G1A05	4	208/230-1-60	1-1/2	9.4	Heat	5	18.06	- - -	34.3	40
E4G3A05	4	208/230-3-60	1-1/2	5.0	Heat	5	18.06	- - -	28.8	30
E4G4A05	4	460-3-60	1-1/2	2.4	Heat	5	11.88	- - -	17.9	20
E4G1A10	4	208/230-1-60	1	7.0	Heat	10	36.11	- - -	53.9	55
E4G3A10	4	208/230-3-60	1	3.4	Heat	10	20.85	- - -	30.3	35
E4G4A10	4	460-3-60	1	1.6	Heat	10	13.72	- - -	19.2	20
E4G1A10	4	208/230-1-60	1-1/2	9.4	Heat	10	36.11	- - -	56.9	60
E4G3A10	4	208/230-3-60	1-1/2	5.0	Heat	10	20.85	- - -	32.3	35
E4G4A10	4	460-3-60	1-1/2	2.4	Heat	10	13.72	- - -	20.2	25
E4G3A15	4	208/230-3-60	1	3.4	Heat	15	31.27	- - -	43.9	45
E4G4A15	4	460-3-60	1	1.6	Heat	15	20.58	- - -	27.7	30
E4G3A15	4	208/230-3-60	1-1/2	5.0	Heat	15	31.27	- - -	45.9	50
E4G4A15	4	460-3-60	1-1/2	2.4	Heat	15	20.58	- - -	28.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Values listed are typical and may vary dependent upon the components utilized.

5 Ton Evaporator Electrical Data

Single Circuit

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
E5G1ASN	5	208/230-1-60	1	7.0	---	---	---	---	8.8	20
E5G3ASN	5	208/230-3-60	1	3.4	---	---	---	---	4.3	10
E5G4ASN	5	460-3-60	1	1.6	---	---	---	---	2	5
E5G1ASN	5	208/230-1-60	1-1/2	9.4	---	---	---	---	11.8	25
E5G3ASN	5	208/230-3-60	1-1/2	5.0	---	---	---	---	6.3	15
E5G4ASN	5	460-3-60	1-1/2	2.4	---	---	---	---	3.0	10
E5G1ASN05	5	208/230-1-60	1	7.0	Heat	5	18.06	---	31.3	35
E5G3ASN05	5	208/230-3-60	1	3.4	Heat	5	18.06	---	26.8	30
E5G4ASN05	5	460-3-60	1	1.6	Heat	5	11.88	---	16.9	20
E5G1ASN05	5	208/230-1-60	1-1/2	9.4	Heat	5	18.06	---	34.3	40
E5G3ASN05	5	208/230-3-60	1-1/2	5.0	Heat	5	18.06	---	28.8	30
E5G4ASN05	5	460-3-60	1-1/2	2.4	Heat	5	11.88	---	17.9	20
E5G1ASN10	5	208/230-1-60	1	7.0	Heat	10	36.11	---	53.9	55
E5G3ASN10	5	208/230-3-60	1	3.4	Heat	10	20.85	---	30.3	35
E5G4ASN10	5	460-3-60	1	1.6	Heat	10	13.72	---	19.2	20
E5G1ASN10	5	208/230-1-60	1-1/2	9.4	Heat	10	36.11	---	56.9	60
E5G3ASN10	5	208/230-3-60	1-1/2	5.0	Heat	10	20.85	---	32.3	35
E5G4ASN10	5	460-3-60	1-1/2	2.4	Heat	10	13.72	---	20.2	25
E5G3ASN15	5	208/230-3-60	1	3.4	Heat	15	31.27	---	43.9	45
E5G4ASN15	5	460-3-60	1	1.6	Heat	15	20.58	---	27.7	30
E5G3ASN15	5	208/230-3-60	1-1/2	5.0	Heat	15	31.27	---	45.9	50
E5G4ASN15	5	460-3-60	1-1/2	2.4	Heat	15	20.58	---	28.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Dual Circuit

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
E5G1A	5	208/230-1-60	1	7.0	---	---	---	---	8.8	20
E5G3A	5	208/230-3-60	1	3.4	---	---	---	---	4.3	10
E5G4A	5	460-3-60	1	1.6	---	---	---	---	2	5
E5G1A	5	208/230-1-60	1-1/2	9.4	---	---	---	---	11.8	25
E5G3A	5	208/230-3-60	1-1/2	5.0	---	---	---	---	6.3	15
E5G4A	5	460-3-60	1-1/2	2.4	---	---	---	---	3.0	10
E5G1A05	5	208/230-1-60	1	7.0	Heat	5	18.06	---	31.3	35
E5G3A05	5	208/230-3-60	1	3.4	Heat	5	18.06	---	26.8	30
E5G4A05	5	460-3-60	1	1.6	Heat	5	11.88	---	16.9	20
E5G1A05	5	208/230-1-60	1-1/2	9.4	Heat	5	18.06	---	34.3	40
E5G3A05	5	208/230-3-60	1-1/2	5.0	Heat	5	18.06	---	28.8	30
E5G4A05	5	460-3-60	1-1/2	2.4	Heat	5	11.88	---	17.9	20
E5G1A10	5	208/230-1-60	1	7.0	Heat	10	36.11	---	53.9	55
E5G3A10	5	208/230-3-60	1	3.4	Heat	10	20.85	---	30.3	35
E5G4A10	5	460-3-60	1	1.6	Heat	10	13.72	---	19.2	20
E5G1A10	5	208/230-1-60	1-1/2	9.4	Heat	10	36.11	---	56.9	60
E5G3A10	5	208/230-3-60	1-1/2	5.0	Heat	10	20.85	---	32.3	35
E5G4A10	5	460-3-60	1-1/2	2.4	Heat	10	13.72	---	20.2	25
E5G3A15	5	208/230-3-60	1	3.4	Heat	15	31.27	---	43.9	45
E5G4A15	5	460-3-60	1	1.6	Heat	15	20.58	---	27.7	30
E5G3A15	5	208/230-3-60	1-1/2	5.0	Heat	15	31.27	---	45.9	50
E5G4A15	5	460-3-60	1-1/2	2.4	Heat	15	20.58	---	28.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Values listed are typical and may vary dependent upon the components utilized.

6 - 8 Ton Evaporator Electrical Data

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
E6G3A	6	208/230-3-60	2	6.5	- - -	- - -	- - -	- - -	8.1	15
E6G4A	6	460-3-60	2	3.1	- - -	- - -	- - -	- - -	3.9	10
E6G3A	6	208/230-3-60	3	8.8	- - -	- - -	- - -	- - -	11.0	20
E6G4A	6	460-3-60	3	4.2	- - -	- - -	- - -	- - -	5.3	10
E6G3A05	6	208/230-3-60	2	6.5	Heat	5	18.06	- - -	30.7	35
E6G4A05	6	460-3-60	2	3.1	Heat	5	11.88	- - -	18.7	20
E6G3A05	6	208/230-3-60	3	8.8	Heat	5	18.06	- - -	33.6	40
E6G4A05	6	460-3-60	3	4.2	Heat	5	11.88	- - -	20.1	25
E6G3A10	6	208/230-3-60	2	6.5	Heat	10	20.85	- - -	34.2	40
E6G4A10	6	460-3-60	2	3.1	Heat	10	13.72	- - -	21.0	25
E6G3A10	6	208/230-3-60	3	8.8	Heat	10	20.85	- - -	37.1	45
E6G4A10	6	460-3-60	3	4.2	Heat	10	13.72	- - -	22.4	25
E6G3A15	6	208/230-3-60	2	6.5	Heat	15	31.27	- - -	47.2	50
E6G4A15	6	460-3-60	2	3.1	Heat	15	20.58	- - -	29.6	30
E6G3A15	6	208/230-3-60	3	8.8	Heat	15	31.27	- - -	50.1	55
E6G4A15	6	460-3-60	3	4.2	Heat	15	20.58	- - -	31.0	35
E6G3A20	6	208/230-3-60	2	6.5	Heat	20	41.7	- - -	60.3	65
E6G4A20	6	460-3-60	2	3.1	Heat	20	27.44	- - -	38.2	40
E6G3A20	6	208/230-3-60	3	8.8	Heat	20	41.7	- - -	63.1	65
E6G4A20	6	460-3-60	3	4.2	Heat	20	27.44	- - -	39.6	40

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
E8G3A	8	208/230-3-60	3	8.8	- - -	- - -	- - -	- - -	11.0	20
E8G4A	8	460-3-60	3	4.2	- - -	- - -	- - -	- - -	5.3	10
E8G3A	8	208/230-3-60	5	13.5	- - -	- - -	- - -	- - -	16.9	35
E8G4A	8	460-3-60	5	6.5	- - -	- - -	- - -	- - -	8.1	15
E8G3A10	8	208/230-3-60	3	8.8	Heat	10	20.85	- - -	37.1	45
E8G4A10	8	460-3-60	3	4.2	Heat	10	13.72	- - -	22.4	25
E8G3A10	8	208/230-3-60	5	13.5	Heat	10	20.85	- - -	42.9	55
E8G4A10	8	460-3-60	5	6.5	Heat	10	13.72	- - -	25.3	30
E8G3A15	8	208/230-3-60	3	8.8	Heat	15	31.27	- - -	50.1	55
E8G4A15	8	460-3-60	3	4.2	Heat	15	20.58	- - -	31.0	35
E8G3A15	8	208/230-3-60	5	13.5	Heat	15	31.27	- - -	56.0	65
E8G4A15	8	460-3-60	5	6.5	Heat	15	20.58	- - -	33.9	40
E8G3A20	8	208/230-3-60	3	8.8	Heat	20	41.7	- - -	63.1	65
E8G4A20	8	460-3-60	3	4.2	Heat	20	27.44	- - -	39.6	40
E8G3A20	8	208/230-3-60	5	13.5	Heat	20	41.7	- - -	69.0	75
E8G4A20	8	460-3-60	5	6.5	Heat	20	27.44	- - -	42.4	45
E8G3A25	8	208/230-3-60	3	8.8	Heat	25	52.12	- - -	76.2	80
E8G4A25	8	460-3-60	3	4.2	Heat	25	34.3	- - -	48.1	50
E8G3A25	8	208/230-3-60	5	13.5	Heat	25	52.12	- - -	82.0	85
E8G4A25	8	460-3-60	5	6.5	Heat	25	34.3	- - -	51.0	55

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

10 - 12 Ton Evaporator Electrical Data

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
E10G3A	10	208/230-3-60	3	8.8	- - -	- - -	- - -	- - -	11.0	20
E10G4A	10	460-3-60	3	4.2	- - -	- - -	- - -	- - -	5.3	10
E10G3A	10	208/230-3-60	5	13.5	- - -	- - -	- - -	- - -	16.9	35
E10G4A	10	460-3-60	5	6.5	- - -	- - -	- - -	- - -	8.1	15
E10G3A10	10	208/230-3-60	3	8.8	Heat	10	20.85	- - -	37.1	45
E10G4A10	10	460-3-60	3	4.2	Heat	10	13.72	- - -	22.4	25
E10G3A10	10	208/230-3-60	5	13.5	Heat	10	20.85	- - -	42.9	55
E10G4A10	10	460-3-60	5	6.5	Heat	10	13.72	- - -	25.3	30
E10G3A15	10	208/230-3-60	3	8.8	Heat	15	31.27	- - -	50.1	55
E10G4A15	10	460-3-60	3	4.2	Heat	15	20.58	- - -	31.0	35
E10G3A15	10	208/230-3-60	5	13.5	Heat	15	31.27	- - -	56.0	65
E10G4A15	10	460-3-60	5	6.5	Heat	15	20.58	- - -	33.9	40
E10G3A20	10	208/230-3-60	3	8.8	Heat	20	41.7	- - -	63.1	65
E10G4A20	10	460-3-60	3	4.2	Heat	20	27.44	- - -	39.6	40
E10G3A20	10	208/230-3-60	5	13.5	Heat	20	41.7	- - -	69.0	75
E10G4A20	10	460-3-60	5	6.5	Heat	20	27.44	- - -	42.4	45
E10G3A25	10	208/230-3-60	3	8.8	Heat	25	52.12	- - -	76.2	80
E10G4A25	10	460-3-60	3	4.2	Heat	25	34.3	- - -	48.1	50
E10G3A25	10	208/230-3-60	5	13.5	Heat	25	52.12	- - -	82.0	85
E10G4A25	10	460-3-60	5	6.5	Heat	25	34.3	- - -	51.0	55
E10G3A30	10	208/230-3-60	3	8.8	Heat	30	62.55	- - -	89.2	90
E10G4A30	10	460-3-60	3	4.2	Heat	30	41.15	- - -	56.7	60
E10G3A30	10	208/230-3-60	5	13.5	Heat	30	62.55	- - -	95.1	100
E10G4A30	10	460-3-60	5	6.5	Heat	30	41.15	- - -	59.6	60

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
E12G3B	12	208/230-3-60	5	13.5	- - -	- - -	- - -	- - -	16.9	35
E12G4B	12	460-3-60	5	6.5	- - -	- - -	- - -	- - -	8.1	15
E12G3B	12	208/230-3-60	7.5	18.0	- - -	- - -	- - -	- - -	22.5	45
E12G4B	12	460-3-60	7.5	9.0	- - -	- - -	- - -	- - -	11.3	25
E12G3B10	12	208/230-3-60	5	13.5	Heat	10	20.85	- - -	42.9	55
E12G4B10	12	460-3-60	5	6.5	Heat	10	13.72	- - -	25.3	30
E12G3B10	12	208/230-3-60	7.5	18.0	Heat	10	20.85	- - -	48.6	65
E12G4B10	12	460-3-60	7.5	9.0	Heat	10	13.72	- - -	28.4	35
E12G3B15	12	208/230-3-60	5	13.5	Heat	15	31.27	- - -	56.0	65
E12G4B15	12	460-3-60	5	6.5	Heat	15	20.58	- - -	33.9	40
E12G3B15	12	208/230-3-60	7.5	18.0	Heat	15	31.27	- - -	62.2	75
E12G4B15	12	460-3-60	7.5	9.0	Heat	15	20.58	- - -	37.0	45
E12G3B20	12	208/230-3-60	5	13.5	Heat	20	41.7	- - -	69.0	75
E12G4B20	12	460-3-60	5	6.5	Heat	20	27.44	- - -	42.4	45
E12G3B20	12	208/230-3-60	7.5	18.0	Heat	20	41.7	- - -	74.6	85
E12G4B20	12	460-3-60	7.5	9.0	Heat	20	27.44	- - -	45.6	50
E12G3B25	12	208/230-3-60	5	13.5	Heat	25	52.12	- - -	82.0	85
E12G4B25	12	460-3-60	5	6.5	Heat	25	34.3	- - -	51.0	55
E12G3B25	12	208/230-3-60	7.5	18.0	Heat	25	52.12	- - -	87.7	95
E12G4B25	12	460-3-60	7.5	9.0	Heat	25	34.3	- - -	54.1	55
E12G3B30	12	208/230-3-60	5	13.5	Heat	30	62.55	- - -	95.1	100
E12G4B30	12	460-3-60	5	6.5	Heat	30	41.15	- - -	59.6	60
E12G3B30	12	208/230-3-60	7.5	18.0	Heat	30	62.55	- - -	100.7	105
E12G4B30	12	460-3-60	7.5	9.0	Heat	30	41.15	- - -	62.7	65

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

15 Ton Evaporator Electrical Data

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
E15G3B	15	208/230-3-60	7.5	18.0	- - -	- - -	- - -	- - -	22.5	45
E15G4B	15	460-3-60	7.5	9.0	- - -	- - -	- - -	- - -	11.3	25
E15G3B	15	208/230-3-60	10	28	- - -	- - -	- - -	- - -	35.0	65
E15G4B	15	460-3-60	10	14	- - -	- - -	- - -	- - -	17.5	35
E15G3B10	15	208/230-3-60	7.5	18.0	Heat	10	20.85	- - -	48.6	65
E15G4B10	15	460-3-60	7.5	9.0	Heat	10	13.72	- - -	28.4	35
E15G3B10	15	208/230-3-60	10	28	Heat	10	20.85	- - -	61.1	85
E15G4B10	15	460-3-60	10	14	Heat	10	13.72	- - -	34.7	50
E15G3B20	15	208/230-3-60	7.5	18.0	Heat	20	41.7	- - -	74.6	85
E15G4B20	15	460-3-60	7.5	9.0	Heat	20	27.44	- - -	45.6	50
E15G3B20	15	208/230-3-60	10	28	Heat	20	41.7	- - -	87.1	105
E15G4B20	15	460-3-60	10	14	Heat	20	27.44	- - -	51.8	60
E15G3B25	15	208/230-3-60	7.5	18.0	Heat	25	52.12	- - -	87.7	95
E15G4B25	15	460-3-60	7.5	9.0	Heat	25	34.3	- - -	54.1	55
E15G3B25	15	208/230-3-60	10	28	Heat	25	52.12	- - -	100.2	120
E15G4B25	15	460-3-60	10	14	Heat	25	34.3	- - -	60.4	70
E15G3B30	15	208/230-3-60	7.5	18.0	Heat	30	62.55	- - -	100.7	105
E15G4B30	15	460-3-60	7.5	9.0	Heat	30	41.15	- - -	62.7	65
E15G3B30	15	208/230-3-60	10	28	Heat	30	62.55	- - -	113.2	130
E15G4B30	15	460-3-60	10	14	Heat	30	41.15	- - -	68.9	75

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

1-4 Ton Air-Cooled Condensing Section Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR LRA	COMPRESSOR RLA	COND. MOTOR HP	COND. MOTOR FLA	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
BSP12G1AS	1	208/230-1-60	34.2	7	1/2	3.8	12.6	20
BSP12G3AS	1	208/230-3-60	31	4.7	1/2	2.2	8.1	15
BSP12G4AS	1	460-3-60	15	2.6	1/2	1.3	4.6	10
BSP12G1AS	1	208/230-1-60	34.2	7	3/4	5.8	14.6	25
BSP12G3AS	1	208/230-3-60	31	4.7	3/4	3.2	9.1	15
BSP12G4AS	1	460-3-60	15	2.6	3/4	1.5	4.8	10

MODEL NO.	TONS	VOLTAGE	COMPRESSOR LRA	COMPRESSOR RLA	COND. MOTOR HP	COND. MOTOR FLA	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
BSP18G1AS	1.5	208/230-1-60	48.2	10.4	1/2	3.8	16.8	30
BSP18G3AS	1.5	208/230-3-60	41	6.5	1/2	2.2	10.3	20
BSP18G4AS	1.5	460-3-60	17.4	4.1	1/2	1.3	6.4	15
BSP18G1AS	1.5	208/230-1-60	48.2	10.4	3/4	5.8	18.8	30
BSP18G3AS	1.5	208/230-3-60	41	6.5	3/4	3.2	11.3	20
BSP18G4AS	1.5	460-3-60	17.4	4.1	3/4	1.5	6.6	15

MODEL NO.	TONS	VOLTAGE	COMPRESSOR LRA	COMPRESSOR RLA	COND. MOTOR HP	COND. MOTOR FLA	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
B2G1AS	2	208/230-1-60	59	13.4	3/4	5.8	22.6	40
B2G3AS	2	208/230-3-60	50	8.7	3/4	3.2	14.1	25
B2G4AS	2	460-3-60	25	4.2	3/4	1.5	6.8	15
B2G1AS	2	208/230-1-60	59	13.4	1	7.0	23.8	40
B2G3AS	2	208/230-3-60	50	8.7	1	3.4	14.3	25
B2G4AS	2	460-3-60	25	4.2	1	1.6	6.9	15

MODEL NO.	TONS	VOLTAGE	COMPRESSOR LRA	COMPRESSOR RLA	COND. MOTOR HP	COND. MOTOR FLA	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
B3G1AS	3	208/230-1-60	93	22.5	1	7.0	35.1	60
B3G3AS	3	208/230-3-60	74	14.3	1	3.4	21.3	40
B3G4AS	3	460-3-60	41	6.7	1	1.6	10	20
B3G1AS	3	208/230-1-60	93	22.5	1-1/2	9.4	37.5	65
B3G3AS	3	208/230-3-60	74	14.3	1-1/2	5.0	22.9	40
B3G4AS	3	460-3-60	41	6.7	1-1/2	2.4	10.8	20

Single Circuit MODEL NO.	TONS	VOLTAGE	COMPRESSOR LRA	COMPRESSOR RLA	COND. MOTOR HP	COND. MOTOR FLA	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
B4G1ASN	4	208/230-1-60	125	30.7	1-1/2	9.4	47.8	80
B4G3ASN	4	208/230-3-60	90	17.9	1-1/2	5.0	27.4	50
B4G4ASN	4	460-3-60	45	8.6	1-1/2	2.4	13.2	25
B4G1ASN	4	208/230-1-60	125	30.7	2	13.7	52.1	85
B4G3ASN	4	208/230-3-60	90	17.9	2	6.5	28.9	50
B4G4ASN	4	460-3-60	45	8.6	2	3.1	13.9	25

Dual Circuit MODEL NO.	TONS	VOLTAGE	COMPRESSOR LRA	COMPRESSOR RLA	COND. MOTOR HP	COND. MOTOR FLA	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
B4G1A	4	208/230-1-60	59 ea	13.4 ea	1-1/2	9.4	39.6	55
B4G3A	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	24.6	35
B4G4A	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	11.9	20
B4G1A	4	208/230-1-60	59 ea	13.4 ea	2	13.7	43.9	60
B4G3A	4	208/230-3-60	50 ea	8.7 ea	2	6.5	26.1	35
B4G4A	4	460-3-60	25 ea	4.2 ea	2	3.1	12.6	20

Values listed are typical and may vary dependent upon the components utilized.

5-15 Ton Air-Cooled Condensing Section Electrical Data

Single Circuit			COMPRESSOR		COND. MOTOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	HP	FLA	AMPACITY	SIZE
B5G1ASN	5	208/230-1-60	142	34.3	2	13.7	56.6	95
B5G3ASN	5	208/230-3-60	130	21.4	2	6.5	33.3	55
B5G4ASN	5	460-3-60	65	9.6	2	3.1	15.1	25
B5G1ASN	5	208/230-1-60	142	34.3	3	18	60.9	100
B5G3ASN	5	208/230-3-60	130	21.4	3	8.8	35.6	60
B5G4ASN	5	460-3-60	65	9.6	3	4.2	16.2	30

Dual Circuit			COMPRESSOR		COND. MOTOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	HP	FLA	AMPACITY	SIZE
B5G1A	5	208/230-1-60	75.8 ea	17.3 ea	2	13.7	52.6	70
B5G3A	5	208/230-3-60	65 ea	12 ea	2	6.5	33.5	50
B5G4A	5	460-3-60	32 ea	5.6 ea	2	3.1	15.7	25
B5G1A	5	208/230-1-60	75.8 ea	17.3 ea	3	18	56.9	75
B5G3A	5	208/230-3-60	65 ea	12 ea	3	8.8	35.8	50
B5G4A	5	460-3-60	32 ea	5.6 ea	3	4.2	16.8	25

			COMPRESSOR		COND. MOTOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	HP	FLA	AMPACITY	SIZE
B6G3A	6	208/230-3-60	74 ea	14.3 ea	2	6.5	38.7	55
B6G4A	6	460-3-60	41 ea	6.7 ea	2	3.1	18.2	25
B6G3A	6	208/230-3-60	74 ea	14.3 ea	3	8.8	41.0	60
B6G4A	6	460-3-60	41 ea	6.7 ea	3	4.2	19.3	30

			COMPRESSOR		COND. MOTOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	HP	FLA	AMPACITY	SIZE
B8G3A	8	208/230-3-60	90 ea	17.9 ea	3	8.8	49.1	70
B8G4A	8	460-3-60	45 ea	8.6 ea	3	4.2	23.6	35
B8G3A	8	208/230-3-60	90 ea	17.9 ea	5	13.5	53.8	75
B8G4A	8	460-3-60	45 ea	8.6 ea	5	6.5	25.9	35

			COMPRESSOR		COND. MOTOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	HP	FLA	AMPACITY	SIZE
B10G3A	10	208/230-3-60	130 ea	21.4 ea	5	13.5	61.7	85
B10G4A	10	460-3-60	65 ea	9.6 ea	5	6.5	28.1	40
B10G3A	10	208/230-3-60	130 ea	21.4 ea	7.5	18.0	66.2	90
B10G4A	10	460-3-60	65 ea	9.6 ea	7.5	9.0	30.6	45

			COMPRESSOR		COND. MOTOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	HP	FLA	AMPACITY	SIZE
B12G3B	12	208/230-3-60	90 ea	17.9 ea	5	13.5	71.7	90
B12G4B	12	460-3-60	45 ea	8.6 ea	5	6.5	34.5	45
B12G3B	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	76.2	95
B12G4B	12	460-3-60	45 ea	8.6 ea	7.5	9.0	37.0	50

			COMPRESSOR		COND. MOTOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	HP	FLA	AMPACITY	SIZE
B15G3B	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	87.6	110
B15G4B	15	460-3-60	65 ea	9.6 ea	7.5	9.0	40.2	50
B15G3B	15	208/230-3-60	130 ea	21.4 ea	10	28	97.6	120
B15G4B	15	460-3-60	65 ea	9.6 ea	10	14	45.2	55

Values listed are typical and may vary dependent upon the components utilized.

1-4 Ton Water-Cooled Condensing Section Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR LRA	COMPRESSOR RLA	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
BSPW12G1AS	1	208/230-1-60	34.2	7	8.8	20
BSPW12G3AS	1	208/230-3-60	31	4.7	5.9	15
BSPW12G4AS	1	460-3-60	15	2.6	3.3	10

MODEL NO.	TONS	VOLTAGE	COMPRESSOR LRA	COMPRESSOR RLA	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
BSPW18G1AS	1.5	208/230-1-60	48.2	10.4	13	25
BSPW18G3AS	1.5	208/230-3-60	41	6.5	8.1	15
BSPW18G4AS	1.5	460-3-60	17.4	4.1	5.1	10

MODEL NO.	TONS	VOLTAGE	COMPRESSOR LRA	COMPRESSOR RLA	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
BW2G1AS	2	208/230-1-60	59	13.4	16.8	35
BW2G3AS	2	208/230-3-60	50	8.7	10.9	20
BW2G4AS	2	460-3-60	25	4.2	5.3	10

MODEL NO.	TONS	VOLTAGE	COMPRESSOR LRA	COMPRESSOR RLA	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
BW3G1AS	3	208/230-1-60	93	22.5	28.1	55
BW3G3AS	3	208/230-3-60	74	14.3	17.9	35
BW3G4AS	3	460-3-60	41	6.7	8.4	20

Single Circuit MODEL NO.	TONS	VOLTAGE	COMPRESSOR LRA	COMPRESSOR RLA	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
BW4G1ASN	4	208/230-1-60	125	30.7	38.4	70
BW4G3ASN	4	208/230-3-60	90	17.9	22.4	45
BW4G4ASN	4	460-3-60	45	8.6	10.8	20

Dual Circuit MODEL NO.	TONS	VOLTAGE	COMPRESSOR LRA	COMPRESSOR RLA	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
BW4G1A	4	208/230-1-60	59 ea	13.4 ea	30.2	45
BW4G3A	4	208/230-3-60	50 ea	8.7 ea	19.6	30
BW4G4A	4	460-3-60	25 ea	4.2 ea	9.5	15

Values listed are typical and may vary dependent upon the components utilized.

5-15 Ton Water-Cooled Condensing Section Electrical Data

Single Circuit			COMPRESSOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	AMPACITY	SIZE
BW5G1ASN	5	208/230-1-60	142	34.3	42.9	80
BW5G3ASN	5	208/230-3-60	130	21.4	26.8	50
BW5G4ASN	5	460-3-60	65	9.6	12.0	25

Dual Circuit			COMPRESSOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	AMPACITY	SIZE
BW5G1A	5	208/230-1-60	75.8 ea	17.3 ea	38.9	60
BW5G3A	5	208/230-3-60	65 ea	12 ea	27.0	40
BW5G4A	5	460-3-60	32 ea	5.6 ea	12.6	20

			COMPRESSOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	AMPACITY	SIZE
BW6G3A	6	208/230-3-60	74 ea	14.3 ea	32.2	50
BW6G4A	6	460-3-60	41 ea	6.7 ea	15.1	25

			COMPRESSOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	AMPACITY	SIZE
BW8G3A	8	208/230-3-60	90 ea	17.9 ea	40.3	60
BW8G4A	8	460-3-60	45 ea	8.6 ea	19.4	30

			COMPRESSOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	AMPACITY	SIZE
BW10G3A	10	208/230-3-60	130 ea	21.4 ea	48.2	70
BW10G4A	10	460-3-60	65 ea	9.6 ea	21.6	35

			COMPRESSOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	AMPACITY	SIZE
BW12G3B	12	208/230-3-60	90 ea	17.9 ea	58.2	80
BW12G4B	12	460-3-60	45 ea	8.6 ea	28.0	40

			COMPRESSOR		MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	AMPACITY	SIZE
BW15G3B	15	208/230-3-60	130 ea	21.4 ea	69.6	95
BW15G4B	15	460-3-60	65 ea	9.6 ea	31.2	45

Values listed are typical and may vary dependent upon the components utilized.

1-2 Ton Chilled Water Electrical Data

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS		
SPCCW12G1	1	208/230-1-60	1/2	3.8	- - -	- - -	- - -	4.8	10
SPCCW12G3	1	208/230-3-60	1/2	2.2	- - -	- - -	- - -	2.8	5
SPCCW12G4	1	460-3-60	1/2	1.3	- - -	- - -	- - -	1.6	5
SPCCW12G1-02	1	208/230-1-60	1/2	3.8	Heat	2	7.22	13.8	20
SPCCW12G3-02	1	208/230-3-60	1/2	2.2	Heat	2	7.22	11.8	15
SPCCW12G4-02	1	460-3-60	1/2	1.3	Heat	2	4.75	7.6	10

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS		
SPCCW18G1	1.5	208/230-1-60	1/2	3.8	- - -	- - -	- - -	4.8	10
SPCCW18G3	1.5	208/230-3-60	1/2	2.2	- - -	- - -	- - -	2.8	5
SPCCW18G4	1.5	460-3-60	1/2	1.3	- - -	- - -	- - -	1.6	5
SPCCW18G1-02	1.5	208/230-1-60	1/2	3.8	Heat	2	7.22	13.8	20
SPCCW18G3-02	1.5	208/230-3-60	1/2	2.2	Heat	2	7.22	11.8	15
SPCCW18G4-02	1.5	460-3-60	1/2	1.3	Heat	2	4.75	7.6	10
SPCCW18G1-05	1.5	208/230-1-60	1/2	3.8	Heat	5	18.06	27.3	30
SPCCW18G3-05	1.5	208/230-3-60	1/2	2.2	Heat	5	18.06	25.3	30
SPCCW18G4-05	1.5	460-3-60	1/2	1.3	Heat	5	11.88	16.5	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS		
CCW2G1	2	208/230-1-60	1/2	3.8	- - -	- - -	- - -	4.8	10
CCW2G3	2	208/230-3-60	1/2	2.2	- - -	- - -	- - -	2.8	5
CCW2G4	2	460-3-60	1/2	1.3	- - -	- - -	- - -	1.6	5
CCW2G1-05	2	208/230-1-60	1/2	3.8	Heat	5	18.06	27.3	30
CCW2G3-05	2	208/230-3-60	1/2	2.2	Heat	5	18.06	25.3	30
CCW2G4-05	2	460-3-60	1/2	1.3	Heat	5	11.88	16.5	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

3-4 Ton Chilled Water Electrical Data

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS		
CCW3G1	3	208/230-1-60	1/2	3.8	---	---	---	4.8	10
CCW3G3	3	208/230-3-60	1/2	2.2	---	---	---	2.8	5
CCW3G4	3	460-3-60	1/2	1.3	---	---	---	1.6	5
CCW3G1	3	208/230-1-60	3/4	5.8	---	---	---	7.3	15
CCW3G3	3	208/230-3-60	3/4	3.2	---	---	---	4	10
CCW3G4	3	460-3-60	3/4	1.5	---	---	---	1.9	5
CCW3G1-05	3	208/230-1-60	1/2	3.8	Heat	5	18.06	27.3	30
CCW3G3-05	3	208/230-3-60	1/2	2.2	Heat	5	18.06	25.3	30
CCW3G4-05	3	460-3-60	1/2	1.3	Heat	5	11.88	16.5	20
CCW3G1-05	3	208/230-1-60	3/4	5.8	Heat	5	18.06	29.8	35
CCW3G3-05	3	208/230-3-60	3/4	3.2	Heat	5	18.06	26.6	30
CCW3G4-05	3	460-3-60	3/4	1.5	Heat	5	11.88	16.7	20
CCW3G1-10	3	208/230-1-60	1/2	3.8	Heat	10	36.11	44.9	50
CCW3G3-10	3	208/230-3-60	1/2	2.2	Heat	10	20.85	28.8	30
CCW3G4-10	3	460-3-60	1/2	1.3	Heat	10	13.72	18.8	20
CCW3G1-10	3	208/230-1-60	3/4	5.8	Heat	10	36.11	52.4	55
CCW3G3-10	3	208/230-3-60	3/4	3.2	Heat	10	20.85	30.1	35
CCW3G4-10	3	460-3-60	3/4	1.5	Heat	10	13.72	19	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS		
CCW4G1	4	208/230-1-60	1/2	3.8	---	---	---	4.8	10
CCW4G3	4	208/230-3-60	1/2	2.2	---	---	---	2.8	5
CCW4G4	4	460-3-60	1/2	1.3	---	---	---	1.6	5
CCW4G1	4	208/230-1-60	1	7.0	---	---	---	8.8	20
CCW4G3	4	208/230-3-60	1	3.4	---	---	---	4.3	10
CCW4G4	4	460-3-60	1	1.6	---	---	---	2.0	5
CCW4G1-05	4	208/230-1-60	1/2	3.8	Heat	5	18.06	27.3	30
CCW4G3-05	4	208/230-3-60	1/2	2.2	Heat	5	18.06	25.3	30
CCW4G4-05	4	460-3-60	1/2	1.3	Heat	5	11.88	16.5	20
CCW4G1-05	4	208/230-1-60	1	7.0	Heat	5	18.06	31.3	35
CCW4G305	4	208/230-3-60	1	3.4	Heat	5	18.06	26.8	30
CCW4G4-05	4	460-3-60	1	1.6	Heat	5	11.88	16.9	20
CCW4G1-10	4	208/230-1-60	1/2	3.8	Heat	10	36.11	44.9	50
CCW4G3-10	4	208/230-3-60	1/2	2.2	Heat	10	20.85	28.8	30
CCW4G4-10	4	460-3-60	1/2	1.3	Heat	10	13.72	18.8	20
CCW4G1-10	4	208/230-1-60	1	7.0	Heat	10	36.11	53.9	55
CCW4G3-10	4	208/230-3-60	1	3.4	Heat	10	20.85	30.3	35
CCW4G4-10	4	460-3-60	1	1.6	Heat	10	13.72	19.2	20
CCW4G3-15	4	208/230-3-60	1/2	2.2	Heat	15	31.27	41.8	45
CCW4G4-15	4	460-3-60	1/2	1.3	Heat	15	20.58	27.4	30
CCW4G3-15	4	208/230-3-60	1	3.4	Heat	15	31.27	43.9	45
CCW4G4-15	4	460-3-60	1	1.6	Heat	15	20.58	27.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Values listed are typical and may vary dependent upon the components utilized.

5-6 Ton Chilled Water Electrical Data

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS		
CCW5G1	5	208/230-1-60	3/4	5.8	- - -	- - -	- - -	7.3	15
CCW5G3	5	208/230-3-60	3/4	3.2	- - -	- - -	- - -	4	10
CCW5G4	5	460-3-60	3/4	1.5	- - -	- - -	- - -	1.9	5
CCW5G1	5	208/230-1-60	1	7.0	- - -	- - -	- - -	8.8	20
CCW5G3	5	208/230-3-60	1	3.4	- - -	- - -	- - -	4.3	10
CCW5G4	5	460-3-60	1	1.6	- - -	- - -	- - -	2	5
CCW5G1-05	5	208/230-1-60	3/4	5.8	Heat	5	18.06	29.8	35
CCW5G3-05	5	208/230-3-60	3/4	3.2	Heat	5	18.06	26.6	30
CCW5G4-05	5	460-3-60	3/4	1.5	Heat	5	11.88	16.7	20
CCW5G1-05	5	208/230-1-60	1	7.0	Heat	5	18.06	31.3	35
CCW5G305	5	208/230-3-60	1	3.4	Heat	5	18.06	26.8	30
CCW5G4-05	5	460-3-60	1	1.6	Heat	5	11.88	16.9	20
CCW5G1-10	5	208/230-1-60	3/4	5.8	Heat	10	36.11	52.4	55
CCW5G3-10	5	208/230-3-60	3/4	3.2	Heat	10	20.85	30.1	35
CCW5G4-10	5	460-3-60	3/4	1.5	Heat	10	13.72	19	20
CCW5G1-10	5	208/230-1-60	1	7.0	Heat	10	36.11	53.9	55
CCW5G3-10	5	208/230-3-60	1	3.4	Heat	10	20.85	30.3	35
CCW5G4-10	5	460-3-60	1	1.6	Heat	10	13.72	19.2	20
CCW5G3-15	5	208/230-3-60	3/4	3.2	Heat	15	31.27	43.1	45
CCW5G4-15	5	460-3-60	3/4	1.5	Heat	15	20.58	27.6	30
CCW5G3-15	5	208/230-3-60	1	3.4	Heat	15	31.27	43.9	45
CCW5G4-15	5	460-3-60	1	1.6	Heat	15	20.58	27.7	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS		
CCW6G3	6	208/230-3-60	1	3.4	- - -	- - -	- - -	4.3	10
CCW6G4	6	460-3-60	1	1.6	- - -	- - -	- - -	2	5
CCW6G3	6	208/230-3-60	1-1/2	5.0	- - -	- - -	- - -	6.3	15
CCW6G4	6	460-3-60	1-1/2	2.4	- - -	- - -	- - -	3.0	10
CCW6G3-05	6	208/230-3-60	1	3.4	Heat	5	18.06	26.8	30
CCW6G4-05	6	460-3-60	1	1.6	Heat	5	11.88	16.9	20
CCW6G3-05	6	208/230-3-60	1-1/2	5.0	Heat	5	18.06	28.8	30
CCW6G4-05	6	460-3-60	1-1/2	2.4	Heat	5	11.88	17.9	20
CCW6G3-10	6	208/230-3-60	1	3.4	Heat	10	20.85	30.3	35
CCW6G4-10	6	460-3-60	1	1.6	Heat	10	13.72	19.2	20
CCW6G3-10	6	208/230-3-60	1-1/2	5.0	Heat	10	20.85	32.3	35
CCW6G4-10	6	460-3-60	1-1/2	2.4	Heat	10	13.72	20.2	25
CCW6G3-15	6	208/230-3-60	1	3.4	Heat	15	31.27	43.9	45
CCW6G4-15	6	460-3-60	1	1.6	Heat	15	20.58	27.7	30
CCW6G3-15	6	208/230-3-60	1-1/2	5.0	Heat	15	31.27	45.3	50
CCW6G4-15	6	460-3-60	1-1/2	2.4	Heat	15	20.58	28.7	30
CCW6G3-20	6	208/230-3-60	1	3.4	Heat	20	41.7	56.4	60
CCW6G4-20	6	460-3-60	1	1.6	Heat	20	27.44	36.3	40
CCW6G3-20	6	208/230-3-60	1-1/2	5.0	Heat	20	41.7	58.4	60
CCW6G4-20	6	460-3-60	1-1/2	2.4	Heat	20	27.44	37.3	40

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

8 Ton Chilled Water Electrical Data

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS		
CCW8G3	8	208/230-3-60	1-1/2	5.0	- - -	- - -	- - -	6.3	15
CCW8G4	8	460-3-60	1-1/2	2.4	- - -	- - -	- - -	3.0	10
CCW8G3	8	208/230-3-60	2	6.5	- - -	- - -	- - -	8.1	15
CCW8G4	8	460-3-60	2	3.1	- - -	- - -	- - -	3.9	10
CCW8G3-10	8	208/230-3-60	1-1/2	5.0	Heat	10	20.85	32.3	35
CCW8G4-10	8	460-3-60	1-1/2	2.4	Heat	10	13.72	20.2	25
CCW8G3-10	8	208/230-3-60	2	6.5	Heat	10	20.85	34.2	40
CCW8G4-10	8	460-3-60	2	3.1	Heat	10	13.72	21.0	25
CCW8G3-15	8	208/230-3-60	1-1/2	5.0	Heat	15	31.27	45.3	50
CCW8G4-15	8	460-3-60	1-1/2	2.4	Heat	15	20.58	28.7	30
CCW8G3-15	8	208/230-3-60	2	6.5	Heat	15	31.27	47.2	50
CCW8G4-15	8	460-3-60	2	3.1	Heat	15	20.58	29.6	30
CCW8G3-20	8	208/230-3-60	1-1/2	5.0	Heat	20	41.7	58.4	60
CCW8G4-20	8	460-3-60	1-1/2	2.4	Heat	20	27.44	37.3	40
CCW8G3-20	8	208/230-3-60	2	6.5	Heat	20	41.7	60.3	65
CCW8G4-20	8	460-3-60	2	3.1	Heat	20	27.44	38.2	40
CCW8G3-25	8	208/230-3-60	1-1/2	5.0	Heat	25	52.12	71.4	75
CCW8G4-25	8	460-3-60	1-1/2	2.4	Heat	25	34.3	45.9	50
CCW8G3-25	8	208/230-3-60	2	6.5	Heat	25	52.12	73.3	75
CCW8G4-25	8	460-3-60	2	3.1	Heat	25	34.3	46.8	50

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

1-5 Ton Physical Data

Single Circuit

		TONS					
		1	**1-1/2**	**2**	**3**	**4**	**5**
Voltage (e) (f)		208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
		208/230-3-60	208/230-3-60	208/230-3-60	208/230-3-60	208/230-3-60	208/230-3-60
		460-3-60	460-3-60	460-3-60	460-3-60	460-3-60	460-3-60
Supply Air (a)	CFM	400	600	800	1200	1600	2000
	ESP	0.2 to 1"	0.2 to 1"	0.1 to 1"	0.1 to 1"	0.1 to 1"	0.1 to 1"
Evap. Blower	Size	7 x 7	7 x 7	12 x 9	12 x 9	12 x 9	12 x 9
	HP (Std)	1/2	1/2	1/2	3/4	1	1
	Qty	1	1	1	1	1	1
Evaporator Coil	Rows Deep	3	3	2	2	4	4
	Face Area	1.5	1.5	3.1	3.1	3.1	3.1
Filter	Size	13.5 x 17.5 x 1	13.5 x 17.5 x 1	20 x 24 x 2	20 x 24 x 2	20 x 24 x 2	20 x 24 x 2
	Qty	1	1	1	1	1	1
	Type	Perm. Cleanable	Perm. Cleanable	Pleated Throw.	Pleated Throw.	Pleated Throw.	Pleated Throw.
	Efficiency	20%	20%	30%	30%	30%	30%
Condenser Air (a)	CFM	700	850	1600	2000	2500	3300
	ESP	0.2 to 1"	0.2 to 1"	0.1 to 1"	0.1 to 1"	0.1 to 1"	0.1 to 1"
Cond. Blower	Size	7 x 7	7 x 7	12 x 9	12 x 9	12 x 9	12 x 9
	HP (Std)	1/2	1/2	3/4	1	1-1/2	2
	Qty	1	1	1	1	1	1
Condenser Coil	Rows Deep	3	3	3	3	4	4
	Face Area	2.6	2.6	4.4	4.4	4.4	4.4
Water Cooled Cond.	GPM	3	4.5	6	9	12	15
	Press. Drop (b)	3.7	9.42	7	6.4	8.8	10.2
	Int. Volume (Water, Gallons)	0.1	0.1	0.2	0.3	0.4	0.7
Water Regulating	Size	3/8"	3/8"	1/2"	3/4"	3/4"	1"
Valve (d)	Qty	1	1	1	1	1	1
Chilled Water Valve	Standard Coil	7/8"	7/8"	7/8"	7/8"	7/8"	1-1/8"
Size (g)	Optimized Coil	5/8"	5/8"	1-1/8"	1-1/8"	1-1/8"	1-1/8"
Compressor	Qty	1	1	1	1	1	1
Charge R-22	Air-Cooled	2 - 8	2 - 8	4 - 5	4 - 5	5 - 8	5 - 8
(Lbs-Ozs) (c)	Water-Cooled	2 - 0	2 - 0	2 - 8	3 - 0	4 - 12	5 - 0
	Heat Pump	2 - 11	2 - 11	4 - 8	4 - 8	5 - 11	5 - 11
Approx. Weight	Air-Cooled	375	375	600	615	670	680
(Net Operating)	Water-Cooled	335	335	560	565	615	625
	Heat Pump (Air)	400	400	625	640	695	705

(a) Air flow performance may require other than standard drive components.
(b) Does not include water regulating valve.
(c) Split units need additional refrigerant. Refer to Installation Manual. Inclusion of some refrigerant circuit components may add additional charge.
(d) Standard water regulating valve is 2-way-150 psig. Alternate valve configurations possible in 3-way and 350 psig.
(e) Units also available in 575-3-60. Contact factory for electrical details.
(f) Units available in 277-1-60 utilize a Buck / Boost Transformer to reduce voltage from 277-1-60 down to 230-1-60.
(g) All sizes sweat connection type.

All specifications subject to change without notice.

8-15 Ton Physical Data

		Dual Circuit					Triple Circuit	
		TONS						
		4	5	6	8	10	12	15
Voltage (e) (f)		208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	- - -	- - -	- - -
		208/230-3-60	208/230-3-60	208/230-3-60	208/230-3-60	208/230-3-60	208/230-3-60	208/230-3-60
		460-3-60	460-3-60	460-3-60	460-3-60	460-3-60	460-3-60	460-3-60
Supply Air (a)	CFM	1600	2000	2400	3200	4000	4800	6000
	ESP	0.1 to 1"	0.1 to 1"	0.1 to 1"	0.1 to 1"	0.1 to 1"	0.1 to 1"	0.1 to 1"
Evap. Blower	Size	12 x 9	12 x 9	12 x 9	12 x 9	15 x 9	15 x 9	15 x 9
	HP (Std)	1	1	2	3	3	5	7.5
	Qty	1	1	1	1	1	1	1
Evaporator Coil	Rows Deep	3	3	3	3	3	4	4
	Face Area	5.2	5.2	5.2	5.2	6.8	6.8	6.8
Filter	Size	16 x 24 x 2	16 x 24 x 2	16 x 24 x 2	16 x 24 x 2	20 x 25 x 2	20 x 25 x 2	20 x 25 x 2
	Qty	2	2	2	2	2	2	2
	Type	Pleated Throw.	Pleated Throw.	Pleated Throw.	Pleated Throw.	Pleated Throw.	Pleated Throw.	Pleated Throw.
	Efficiency	30%	30%	30%	30%	30%	30%	30%
Condenser Air (a)	CFM	2500	3300	3800	4250	6000	6000	7500
	ESP	0.1 to 1"	0.1 to 1"	0.1 to 1"	0.1 to 1"	0.1 to 1"	0.1 to 1"	0.1 to 1"
Cond. Blower	Size	15 x 9	15 x 9	15 x 9	15 x 9	15 x 15	15 x 15	15 x 15
	HP (Std)	1.5	2	2	3	5	5	7.5
	Qty	1	1	1	1	1	1	1
Condenser Coil	Rows Deep	6	6	6	6	8	8	8
	Face Area	6.4	6.4	6.4	6.4	7.3	7.3	7.3
Water Cooled Cond.	GPM	12	15	18	24	30	36	45
	Pressure Drop (b)	7	8.1	6.4	8.8	10.2	8.8	10.2
	Int. Volume (Water, Gal.)	0.2 ea	0.2 ea	0.3 ea	0.4 ea	0.7 ea	0.4 ea	0.7 ea
Water Reg. Valve (d)	Size	1/2"	3/4"	3/4"	3/4"	1"	3/4"	1"
	Qty	2	2	2	2	2	3	3
Chilled Water Valve Size (g)	Standard Coil	1-1/8"	1-1/8"	1-1/8"	1-1/8"	1-3/8"	1-3/8"	1-3/8"
	Optimized Coil	1-1/8"	1-1/8"	1-1/8"	1-1/8"	1-3/8"	1-3/8"	1-3/8"
Compressor	Qty	2	2	2	2	2	3	3
Charge R-22 (Lbs-Ozs) (c)	Air-Cooled	4 - 8 ea	4 - 14 ea	5 ea	4 - 8 ea	6 - 10 ea	5 - 8 ea	6 ea
	Water-Cooled	2 - 14 ea	3 - 4 ea	3 - 14 ea	4 - 0 ea	5 - 0 ea	4 - 0 ea	5 - 0 ea
	Heat Pump	4 - 11 ea	5 - 1 ea	5 - 3 ea	4 - 11 ea	6 - 13 ea	5 - 11 ea	6 - 3 ea
Approx. Weight (Net Operating)	Air-Cooled	920	930	940	950	1350	1625	1650
	Water-Cooled	865	875	880	895	1250	1525	1550
	Heat Pump (Air)	970	980	990	1000	1400	1700	1725

(a) Air flow performance may require other than standard drive components.
(b) Does not include water regulating valve.
(c) Split units need additional refrigerant. Refer to Installation Manual. Inclusion of some refrigerant circuit components may add additional charge.
(d) Standard water regulating valve is 2-way-150 psig. Alternate valve configurations possible in 3-way and 350 psig.
(e) Units also available in 575-3-60. Contact factory for electrical details.
(f) Units available in 277-1-60 utilize a Buck / Boost Transformer to reduce voltage from 277-1-60 down to 230-1-60.
(g) All sizes sweat connection type.

All specifications subject to change without notice.

MagnaCool- Air- or Water-Cooled, 1 - 15 Tons

As the demand for sensitive electronic equipiment increases, so does the need for dedicated space capable of maintaining precise temperature, humidity and air purity. Sophisticated electronic equipment requires total environmental control not available on standard central air systems.

United CoolAir offers a bundled set of options known as the MagnaCool package that provides the total environmental control required.

MagnaCool air conditioning units give you the added flexibility of self-contained or split-able installation.

All MagnaCool units can be tailored to meet the specific requirements of the space. A variety of reheat options are available. Low ambient operation provides for year-round operation. Rugged MagnaCool air conditioning units are manufactured for the demands of continuous operation for your peace of mind.

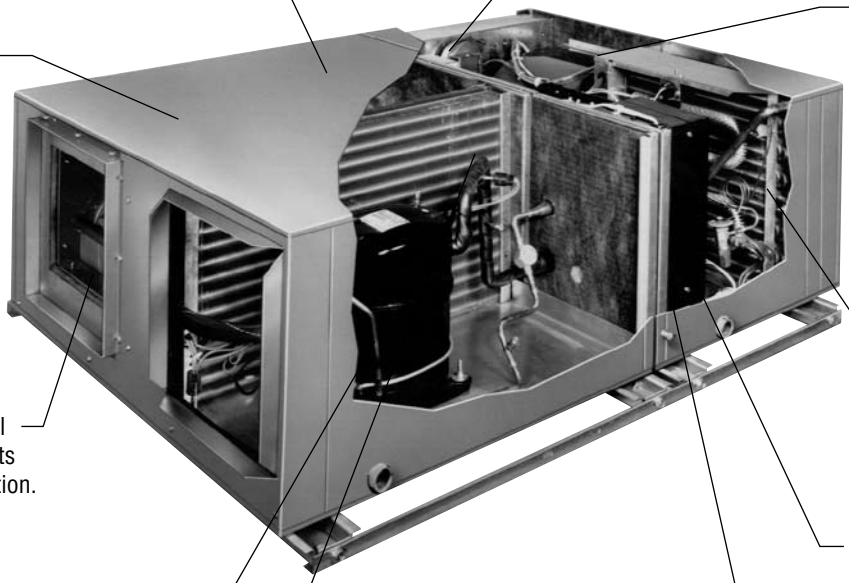
MagnaCool Features

Easily accessible evaporator and condensing sections have independent control panels for individual wiring circuit breakers and overload protection standard.

All units are equipped with air differential switches to sense a decrease in airflow.

Heavy-gauge galvanized steel cabinet with a layer of insulation for noise reduction.

60% high-efficiency filters are two-inch thick extended surface with full depth pleats for particle-free environment and lower pressure drop.



Finned tubular electric re-heat element for dehumidification provides faster heat transfer to the air.

Motors are quiet-running ball bearing type with keyed shafts and thermal overload protection.

High-output steam generator provides pure, even humidification using electrodes for heating.

Hermetically sealed high-efficiency heat pump compressor

Evaporator and condenser coils are oversized with extremely large face area for high sensible heat ratio and low-pressure operation.

Full width stainless steel drain pan with overflow safety switch.

Marvel Controller

The Marvel is a full-featured programmable controller capable of managing up to 16 independent zones (optional) from one location. Each zone has up to four temperature inputs and 12 alarm sensors for monitoring critical air conditioner functions. Alarms can be both audible or visual with modem capabilities (optional) for remote dial out.

The Marvel controller is extremely accurate, having the capability to control room temperature ±1°C and humidity ±2%. Fuzzy logic is also utilized to compensate for lead and lag times in temperature and humidity settings, allowing the system to think on its own.

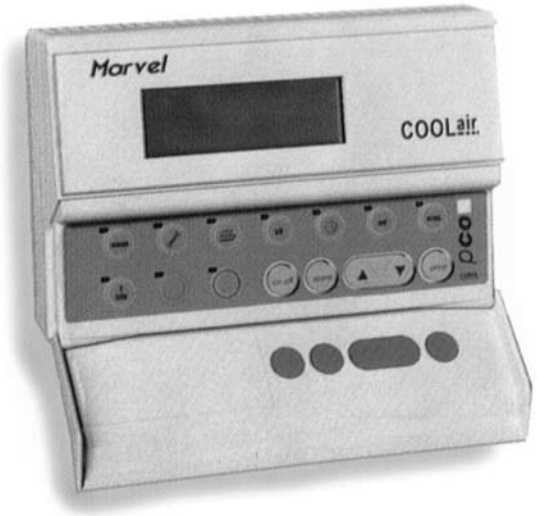
User setpoints are programmed easily on-site using a keypad and LCD screen. The controller has self-diagnostics, alarm display and a scrollable LCD display. Night/Day setback and time schedules can be programmed permitting multi-day time cycles. The Marvel can be connected to your building automation system or to a printer for additional information flexibility (optional).

The Marvel Controller has the Following Standard Features:

- A 20-character LCD display.
- Manual control is possible for any of the systems from the controller keypad.
- Password may be entered to protect settings from being tampered with.
- The user may select either “continuous” fan operation or “operation on demand” for optimal performance. In case of a power failure, the system restarts automatically.
- Night/day setback and setup: allows user to program temperature setpoints for weekday or weekend operation.
- Humidifier alarm indicates if humidity levels are outside the user setpoints.
- In case of a possible overflow, there is a drain pan alarm.
- A filter alarm indicates when filters need changed.
- To prevent compressor damage, a compressor high/low pressure alarm turns off the appropriate compressor if the switch opens.
- Adjustable room temperature and humidity setpoints allow control with user settable high/low limit alarms.
- Modulating valve control: steam or hot water coil valves.
- Up to 3 compressors are available for cooling.
- Heating control available up to four electric heaters, stages or SCR.
- Humidifying by use of an internal electrode steam generator with on/off or modulating control.
- Dehumidifying by use of cooling/reheat.
- Hot gas bypass either by solenoid or modulating electronic valve.
- To assist in planning preventative and routine maintenance, run times are recorded for fan, compressor, heater and humidifier operation.

The Marvel Controller has the Following Optional Features:

- Discharge Temperature: unit can be controlled using the discharge temperature.
- Printer output for documentation of parameters and settings
- A smoke detector to shut off the unit and indicate alarm.
- Pressure sensor to allow damper control for clean rooms, isolation rooms, laboratories, scale temperature and humidity of outside air.
- “Free-Cooling Coil” to provide cooling (Economizer) option.
- Ramp up or down on start/stop to prevent high spike in energy demand.
- Redundant unit operation interface allows two or more units to operate as redundant backups automatically.
- Can network with centralized computer system or an existing building automation system using BACNET or MODBUS protocols.



MP Controller

The MP digital, easy-to-use programmable microprocessor controller is a complete environmental control system. The controller is designed to maintain temperature, humidity and dehumidification.

The control has a 5-1-1 programmable feature that has real time control with night/day/weekend setback control. A lithium battery, similar to those used in computers, backs up control memory. The MP controller has five alarm features indicating potential problems with: airflow, drain pan, dirty filter and system pressure. And there are optional alarms for smoke detection, fire stat or freeze stat.

The MP controller is an attractive, slim design. Each unit operates on 24 VAC.

Specifications

Temperature Range:	45˚F/90˚F (16˚C / 31˚C)
Accuracy:	+/- 2˚F
Differential:	Smart Sensing
System:	2 Heat / 2 Cool
Fan Control:	Auto / On (1 speed)
Ambient Storage Temp.:	-20˚F to 135˚F
Input Voltage:	24 VAC nominal (22 to 28 VAC)
Humidity Set:	20-95%
Humidity Dead Band:	1-6%
Humidity Differential:	1-4%
Alarms (6):	- Loss of airflow - Drain pan overflow - Compressor hi/low pressure - Dirty air filter - Check heat - (1) open for options
Compressor Time Delay:	(3 minutes)
˚F or ˚C Display	
5-1-1 Programmable	
4 Program Periods/Day	
Lithium Battery Backup	

Smart Sensing is a logarithmic program that adjusts the temperature differential in order to maintain a close room temperature without rapid cycling the equipment. When the temperature drops or rises, heat by 0.8˚F or cooling by 1˚F, the system will turn on.

MagnaCool 1-1.5 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MA1G1AS02	1	208/230-1-60	34.2	7	1/2	3.8	1/2	3.8	Reheat	2	7.22	4.8	30.2	40
MA1G3AS02	1	208/230-3-60	31	4.7	1/2	2.2	1/2	2.2	Reheat	2	7.22	4.8	24.1	30
MA1G4AS02	1	460-3-60	15	2.6	1/2	1.3	1/2	1.3	Reheat	2	4.75	4.8	16.6	20
MA1G1AS02	1	208/230-1-60	34.2	7	3/4	5.8	1/2	3.8	Reheat	2	7.22	4.8	32.2	40
MA1G3AS02	1	208/230-3-60	31	4.7	3/4	3.2	1/2	2.2	Reheat	2	7.22	4.8	25.1	30
MA1G4AS02	1	460-3-60	15	2.6	3/4	1.5	1/2	1.3	Reheat	2	4.75	4.8	16.8	20
MA1G1AS02	1	208/230-1-60	34.2	7	1/2	3.8	3/4	5.8	Reheat	2	7.22	4.8	32.2	40
MA1G3AS02	1	208/230-3-60	31	4.7	1/2	2.2	3/4	3.2	Reheat	2	7.22	4.8	25.1	30
MA1G4AS02	1	460-3-60	15	2.6	1/2	1.3	3/4	1.5	Reheat	2	4.75	4.8	16.8	20
MA1G1AS02	1	208/230-1-60	34.2	7	3/4	5.8	3/4	5.8	Reheat	2	7.22	4.8	34.2	40
MA1G3AS02	1	208/230-3-60	31	4.7	3/4	3.2	3/4	3.2	Reheat	2	7.22	4.8	26.1	30
MA1G4AS02	1	460-3-60	15	2.6	3/4	1.5	3/4	1.5	Reheat	2	4.75	4.8	17	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
c) Humidifier is 208/230-1-60 for all unit voltages.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MA1.5G1AS02	1.5	208/230-1-60	48.2	10.4	1/2	3.8	1/2	3.8	Reheat	2	7.22	4.8	34.4	45
MA1.5G3AS02	1.5	208/230-3-60	41	6.5	1/2	2.2	1/2	2.2	Reheat	2	7.22	4.8	26.4	35
MA1.5G4AS02	1.5	460-3-60	17.4	4.1	1/2	1.3	1/2	1.3	Reheat	2	4.75	4.8	18.5	25
MA1.5G1AS02	1.5	208/230-1-60	48.2	10.4	3/4	5.8	1/2	3.8	Reheat	2	7.22	4.8	36.4	50
MA1.5G3AS02	1.5	208/230-3-60	41	6.5	3/4	3.2	1/2	2.2	Reheat	2	7.22	4.8	27.4	35
MA1.5G4AS02	1.5	460-3-60	17.4	4.1	3/4	1.5	1/2	1.3	Reheat	2	4.75	4.8	18.7	25
MA1.5G1AS02	1.5	208/230-1-60	48.2	10.4	1/2	3.8	3/4	5.8	Reheat	2	7.22	4.8	36.4	50
MA1.5G3AS02	1.5	208/230-3-60	41	6.5	1/2	2.2	3/4	3.2	Reheat	2	7.22	4.8	27.4	35
MA1.5G4AS02	1.5	460-3-60	17.4	4.1	1/2	1.3	3/4	1.5	Reheat	2	4.75	4.8	18.7	25
MA1.5G1AS02	1.5	208/230-1-60	48.2	10.4	3/4	5.8	3/4	5.8	Reheat	2	7.22	4.8	38.4	50
MA1.5G3AS02	1.5	208/230-3-60	41	6.5	3/4	3.2	3/4	3.2	Reheat	2	7.22	4.8	28.4	35
MA1.5G4AS02	1.5	460-3-60	17.4	4.1	3/4	1.5	3/4	1.5	Reheat	2	4.75	4.8	18.9	25

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
c) Humidifier is 208/230-1-60 for all unit voltages.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 2-3 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS			
MA2G1AS05	2	208/230-1-60	59	13.4	1/2	3.8	3/4	5.8	Reheat	5	18.06	8.0	56.9	70
MA2G3AS05	2	208/230-3-60	50	8.7	1/2	2.2	3/4	3.2	Reheat	5	18.06	6.5	45.4	50
MA2G4AS05	2	460-3-60	25	4.2	1/2	1.3	3/4	1.5	Reheat	5	11.88	2.9	25.8	30
MA2G1AS05	2	208/230-1-60	59	13.4	3/4	5.8	3/4	5.8	Reheat	5	18.06	8.0	58.9	70
MA2G3AS05	2	208/230-3-60	50	8.7	3/4	3.2	3/4	3.2	Reheat	5	18.06	6.5	46.4	55
MA2G4AS05	2	460-3-60	25	4.2	3/4	1.5	3/4	1.5	Reheat	5	11.88	2.9	26	30
MA2G1AS05	2	208/230-1-60	59	13.4	1/2	3.8	1	7.0	Reheat	5	18.06	8.0	58.1	70
MA2G3AS05	2	208/230-3-60	50	8.7	1/2	2.2	1	3.4	Reheat	5	18.06	6.5	45.6	50
MA2G4AS05	2	460-3-60	25	4.2	1/2	1.3	1	1.6	Reheat	5	11.88	2.9	25.9	30
MA2G1AS05	2	208/230-1-60	59	13.4	3/4	5.8	1	7.0	Reheat	5	18.06	8.0	60.1	70
MA2G3AS05	2	208/230-3-60	50	8.7	3/4	3.2	1	3.4	Reheat	5	18.06	6.5	46.6	55
MA2G4AS05	2	460-3-60	25	4.2	3/4	1.5	1	1.6	Reheat	5	11.88	2.9	26.1	30

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS			
MA3G1AS05	3	208/230-1-60	93	22.5	3/4	5.8	1	7.0	Reheat	5	18.06	8.0	71.5	90
MA3G3AS05	3	208/230-3-60	74	14.3	3/4	3.2	1	3.4	Reheat	5	18.06	6.5	53.6	65
MA3G4AS05	3	460-3-60	41	6.7	3/4	1.5	1	1.6	Reheat	5	11.88	2.9	29.2	35
MA3G1AS05	3	208/230-1-60	93	22.5	1	7.0	1	7.0	Reheat	5	18.06	8.0	72.7	95
MA3G3AS05	3	208/230-3-60	74	14.3	1	3.4	1	3.4	Reheat	5	18.06	6.5	53.8	65
MA3G4AS05	3	460-3-60	41	6.7	1	1.6	1	1.6	Reheat	5	11.88	2.9	29.3	35
MA3G1AS05	3	208/230-1-60	93	22.5	3/4	5.8	1-1/2	9.4	Reheat	5	18.06	8.0	73.9	95
MA3G3AS05	3	208/230-3-60	74	14.3	3/4	3.2	1-1/2	5.0	Reheat	5	18.06	6.5	55.2	65
MA3G4AS05	3	460-3-60	41	6.7	3/4	1.5	1-1/2	2.4	Reheat	5	11.88	2.9	30	35
MA3G1AS05	3	208/230-1-60	93	22.5	1	7.0	1-1/2	9.4	Reheat	5	18.06	8.0	75.1	95
MA3G3AS05	3	208/230-3-60	74	14.3	1	3.4	1-1/2	5.0	Reheat	5	18.06	6.5	55.4	70
MA3G4AS05	3	460-3-60	41	6.7	1	1.6	1-1/2	2.4	Reheat	5	11.88	2.9	30.1	35

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 4 Ton Air-Cooled Electrical Data

Single Circuit

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MA4G3ASN05	4	208/230-3-60	90	17.9	1	3.4	1-1/2	5.0	Reheat	5	18.06	10.2	63.6	80
MA4G4ASN05	4	460-3-60	45	8.6	1	1.6	1-1/2	2.4	Reheat	5	11.88	4.6	34.2	40
MA4G3ASN05	4	208/230-3-60	90	17.9	1-1/2	5.0	1-1/2	5.0	Reheat	5	18.06	10.2	65.2	80
MA4G4ASN05	4	460-3-60	45	8.6	1-1/2	2.4	1-1/2	2.4	Reheat	5	11.88	4.6	35.0	45
MA4G3ASN05	4	208/230-3-60	90	17.9	1	3.4	2	6.5	Reheat	5	18.06	10.2	65.1	80
MA4G4ASN05	4	460-3-60	45	8.6	1	1.6	2	3.1	Reheat	5	11.88	4.6	34.9	45
MA4G3ASN05	4	208/230-3-60	90	17.9	1-1/2	5.0	2	6.5	Reheat	5	18.06	10.2	66.7	85
MA4G4ASN05	4	460-3-60	45	8.6	1-1/2	2.4	2	3.1	Reheat	5	11.88	4.6	35.7	45
MA4G3ASN10	4	208/230-3-60	90	17.9	1	3.4	1-1/2	5.0	Reheat	10	20.85	10.2	67.0	80
MA4G4ASN10	4	460-3-60	45	8.6	1	1.6	1-1/2	2.4	Reheat	10	13.72	4.6	36.5	45
MA4G3ASN10	4	208/230-3-60	90	17.9	1-1/2	5.0	1-1/2	5.0	Reheat	10	20.85	10.2	68.6	85
MA4G4ASN10	4	460-3-60	45	8.6	1-1/2	2.4	1-1/2	2.4	Reheat	10	13.72	4.6	37.3	45
MA4G3ASN10	4	208/230-3-60	90	17.9	1	3.4	2	6.5	Reheat	10	20.85	10.2	68.5	85
MA4G4ASN10	4	460-3-60	45	8.6	1	1.6	2	3.1	Reheat	10	13.72	4.6	37.2	45
MA4G3ASN10	4	208/230-3-60	90	17.9	1-1/2	5.0	2	6.5	Reheat	10	20.85	10.2	70.1	85
MA4G4ASN10	4	460-3-60	45	8.6	1-1/2	2.4	2	3.1	Reheat	10	13.72	4.6	38.0	45

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Dual Circuit

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MA4G3A05	4	208/230-3-60	50 ea	8.7 ea	1	3.4	1-1/2	5.0	Reheat	5	18.06	10.2	60.8	65
MA4G4A05	4	460-3-60	25 ea	4.2 ea	1	1.6	1-1/2	2.4	Reheat	5	11.88	4.6	32.9	35
MA4G3A05	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	1-1/2	5.0	Reheat	5	18.06	10.2	62.4	70
MA4G4A05	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	1-1/2	2.4	Reheat	5	11.88	4.6	33.7	35
MA4G3A05	4	208/230-3-60	50 ea	8.7 ea	1	3.4	2	6.5	Reheat	5	18.06	10.2	62.3	70
MA4G4A05	4	460-3-60	25 ea	4.2 ea	1	1.6	2	3.1	Reheat	5	11.88	4.6	33.6	35
MA4G3A05	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	2	6.5	Reheat	5	18.06	10.2	63.9	70
MA4G4A05	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	2	3.1	Reheat	5	11.88	4.6	34.4	40
MA4G3A10	4	208/230-3-60	50 ea	8.7 ea	1	3.4	1-1/2	5.0	Reheat	10	20.85	10.2	64.2	70
MA4G4A10	4	460-3-60	25 ea	4.2 ea	1	1.6	1-1/2	2.4	Reheat	10	13.72	4.6	35.2	40
MA4G3A10	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	1-1/2	5.0	Reheat	10	20.85	10.2	65.8	70
MA4G4A10	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	1-1/2	2.4	Reheat	10	13.72	4.6	36.0	40
MA4G3A10	4	208/230-3-60	50 ea	8.7 ea	1	3.4	2	6.5	Reheat	10	20.85	10.2	65.7	70
MA4G4A10	4	460-3-60	25 ea	4.2 ea	1	1.6	2	3.1	Reheat	10	13.72	4.6	35.9	40
MA4G3A10	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	2	6.5	Reheat	10	20.85	10.2	67.3	75
MA4G4A10	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	2	3.1	Reheat	10	13.72	4.6	36.7	40

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 5 Ton Air-Cooled Electrical Data

Single Circuit

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MA5G3ASN05	5	208/230-3-60	130	21.4	1	3.4	2	6.5	Reheat	5	18.06	10.2	69.4	90
MA5G4ASN05	5	460-3-60	65	9.6	1	1.6	2	3.1	Reheat	5	11.88	4.6	36.2	45
MA5G3ASN05	5	208/230-3-60	130	21.4	1-1/2	5.0	2	6.5	Reheat	5	18.06	10.2	71.0	90
MA5G4ASN05	5	460-3-60	65	9.6	1-1/2	2.4	2	3.1	Reheat	5	11.88	4.6	37.0	45
MA5G3ASN05	5	208/230-3-60	130	21.4	1	3.4	3	8.8	Reheat	5	18.06	10.2	71.7	90
MA5G4ASN05	5	460-3-60	65	9.6	1	1.6	3	4.2	Reheat	5	11.88	4.6	37.3	45
MA5G3ASN05	5	208/230-3-60	130	21.4	1-1/2	5.0	3	8.8	Reheat	5	18.06	10.2	73.3	95
MA5G4ASN05	5	460-3-60	65	9.6	1-1/2	2.4	3	4.2	Reheat	5	11.88	4.6	38.1	45
MA5G3ASN10	5	208/230-3-60	130	21.4	1	3.4	2	6.5	Reheat	10	20.85	10.2	72.9	90
MA5G4ASN10	5	460-3-60	65	9.6	1	1.6	2	3.1	Reheat	10	13.72	4.6	38.5	45
MA5G3ASN10	5	208/230-3-60	130	21.4	1-1/2	5.0	2	6.5	Reheat	10	20.85	10.2	74.5	95
MA5G4ASN10	5	460-3-60	65	9.6	1-1/2	2.4	2	3.1	Reheat	10	13.72	4.6	39.3	50
MA5G3ASN10	5	208/230-3-60	130	21.4	1	3.4	3	8.8	Reheat	10	20.85	10.2	75.2	95
MA5G4ASN10	5	460-3-60	65	9.6	1	1.6	3	4.2	Reheat	10	13.72	4.6	39.6	50
MA5G3ASN10	5	208/230-3-60	130	21.4	1-1/2	5.0	3	8.8	Reheat	10	20.85	10.2	76.8	95
MA5G4ASN10	5	460-3-60	65	9.6	1-1/2	2.4	3	4.2	Reheat	10	13.72	4.6	40.4	50

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Dual Circuit

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MA5G3A05	5	208/230-3-60	65 ea	12 ea	1	3.4	2	6.5	Reheat	5	18.06	10.2	69.7	80
MA5G4A05	5	460-3-60	32 ea	5.6 ea	1	1.6	2	3.1	Reheat	5	11.88	4.6	36.8	40
MA5G3A05	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	2	6.5	Reheat	5	18.06	10.2	71.3	80
MA5G4A05	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	2	3.1	Reheat	5	11.88	4.6	37.6	45
MA5G3A05	5	208/230-3-60	65 ea	12 ea	1	3.4	3	8.8	Reheat	5	18.06	10.2	72.0	80
MA5G4A05	5	460-3-60	32 ea	5.6 ea	1	1.6	3	4.2	Reheat	5	11.88	4.6	37.9	45
MA5G3A05	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	3	8.8	Reheat	5	18.06	10.2	73.6	85
MA5G4A05	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	3	4.2	Reheat	5	11.88	4.6	38.7	45
MA5G3A10	5	208/230-3-60	65 ea	12 ea	1	3.4	2	6.5	Reheat	10	20.85	10.2	73.2	80
MA5G4A10	5	460-3-60	32 ea	5.6 ea	1	1.6	2	3.1	Reheat	10	13.72	4.6	39.1	45
MA5G3A10	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	2	6.5	Reheat	10	20.85	10.2	74.8	85
MA5G4A10	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	2	3.1	Reheat	10	13.72	4.6	39.9	45
MA5G3A10	5	208/230-3-60	65 ea	12 ea	1	3.4	3	8.8	Reheat	10	20.85	10.2	75.5	85
MA5G4A10	5	460-3-60	32 ea	5.6 ea	1	1.6	3	4.2	Reheat	10	13.72	4.6	40.2	45
MA5G3A10	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	3	8.8	Reheat	10	20.85	10.2	77.1	85
MA5G4A10	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	3	4.2	Reheat	10	13.72	4.6	41.0	45

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 6-8 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MA6G3A05	6	208/230-3-60	74 ea	14.3 ea	2	6.5	2	6.5	Reheat	5	18.06	10.2	78.0	90
MA6G4A05	6	460-3-60	41 ea	6.7 ea	2	3.1	2	3.1	Reheat	5	11.88	4.6	40.7	45
MA6G3A05	6	208/230-3-60	74 ea	14.3 ea	3	8.8	2	6.5	Reheat	5	18.06	10.2	80.3	95
MA6G4A05	6	460-3-60	41 ea	6.7 ea	3	4.2	2	3.1	Reheat	5	11.88	4.6	41.8	50
MA6G3A05	6	208/230-3-60	74 ea	14.3 ea	2	6.5	3	8.8	Reheat	5	18.06	10.2	80.3	95
MA6G4A05	6	460-3-60	41 ea	6.7 ea	2	3.1	3	4.2	Reheat	5	11.88	4.6	41.8	50
MA6G3A05	6	208/230-3-60	74 ea	14.3 ea	3	8.8	3	8.8	Reheat	5	18.06	10.2	82.6	95
MA6G4A05	6	460-3-60	41 ea	6.7 ea	3	4.2	3	4.2	Reheat	5	11.88	4.6	42.9	50
MA6G3A10	6	208/230-3-60	74 ea	14.3 ea	2	6.5	2	6.5	Reheat	10	20.85	10.2	81.4	95
MA6G4A10	6	460-3-60	41 ea	6.7 ea	2	3.1	2	3.1	Reheat	10	13.72	4.6	43.0	50
MA6G3A10	6	208/230-3-60	74 ea	14.3 ea	3	8.8	2	6.5	Reheat	10	20.85	10.2	83.7	95
MA6G4A10	6	460-3-60	41 ea	6.7 ea	3	4.2	2	3.1	Reheat	10	13.72	4.6	44.1	50
MA6G3A10	6	208/230-3-60	74 ea	14.3 ea	2	6.5	3	8.8	Reheat	10	20.85	10.2	83.7	95
MA6G4A10	6	460-3-60	41 ea	6.7 ea	2	3.1	3	4.2	Reheat	10	13.72	4.6	44.1	50
MA6G3A10	6	208/230-3-60	74 ea	14.3 ea	3	8.8	3	8.8	Reheat	10	20.85	10.2	86.0	100
MA6G4A10	6	460-3-60	41 ea	6.7 ea	3	4.2	3	4.2	Reheat	10	13.72	4.6	45.2	50

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MA8G3A10	8	208/230-3-60	90 ea	17.9 ea	3	8.8	3	8.8	Reheat	10	20.85	18.5	102.4	120
MA8G4A10	8	460-3-60	45 ea	8.6 ea	3	4.2	3	4.2	Reheat	10	13.72	8.4	53.3	60
MA8G3A10	8	208/230-3-60	90 ea	17.9 ea	5	13.5	3	8.8	Reheat	10	20.85	18.5	107.1	120
MA8G4A10	8	460-3-60	45 ea	8.6 ea	5	6.5	3	4.2	Reheat	10	13.72	8.4	55.6	65
MA8G3A10	8	208/230-3-60	90 ea	17.9 ea	3	8.8	5	13.5	Reheat	10	20.85	18.5	107.1	120
MA8G4A10	8	460-3-60	45 ea	8.6 ea	3	4.2	5	6.5	Reheat	10	13.72	8.4	55.6	65
MA8G3A10	8	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	Reheat	10	20.85	18.5	111.8	125
MA8G4A10	8	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	Reheat	10	13.72	8.4	57.9	65
MA8G3A15	8	208/230-3-60	90 ea	17.9 ea	3	8.8	3	8.8	Reheat	15	31.27	18.5	115.5	130
MA8G4A15	8	460-3-60	45 ea	8.6 ea	3	4.2	3	4.2	Reheat	15	20.58	8.4	61.9	70
MA8G3A15	8	208/230-3-60	90 ea	17.9 ea	5	13.5	3	8.8	Reheat	15	31.27	18.5	120.2	135
MA8G4A15	8	460-3-60	45 ea	8.6 ea	5	6.5	3	4.2	Reheat	15	20.58	8.4	64.2	70
MA8G3A15	8	208/230-3-60	90 ea	17.9 ea	3	8.8	5	13.5	Reheat	15	31.27	18.5	120.2	135
MA8G4A15	8	460-3-60	45 ea	8.6 ea	3	4.2	5	6.5	Reheat	15	20.58	8.4	64.2	70
MA8G3A15	8	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	Reheat	15	31.27	18.5	124.9	135
MA8G4A15	8	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	Reheat	15	20.58	8.4	66.5	70

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 10-12 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MA10G3A10	10	208/230-3-60	130 ea	21.4 ea	3	8.8	5	13.5	Reheat	10	20.85	18.5	115.0	135
MA10G4A10	10	460-3-60	65 ea	9.6 ea	3	4.2	5	6.5	Reheat	10	13.72	8.4	57.9	65
MA10G3A10	10	208/230-3-60	130 ea	21.4 ea	5	13.5	5	13.5	Reheat	10	20.85	18.5	119.7	140
MA10G4A10	10	460-3-60	65 ea	9.6 ea	5	6.5	5	6.5	Reheat	10	13.72	8.4	60.2	70
MA10G3A10	10	208/230-3-60	130 ea	21.4 ea	3	8.8	7.5	18.0	Reheat	10	20.85	18.5	119.5	140
MA10G4A10	10	460-3-60	65 ea	9.6 ea	3	4.2	7.5	9.0	Reheat	10	13.72	8.4	60.4	70
MA10G3A10	10	208/230-3-60	130 ea	21.4 ea	5	13.5	7.5	18.0	Reheat	10	20.85	18.5	124.2	145
MA10G4A10	10	460-3-60	65 ea	9.6 ea	5	6.5	7.5	9.0	Reheat	10	13.72	8.4	62.7	70
MA10G3A15	10	208/230-3-60	130 ea	21.4 ea	3	8.8	5	13.5	Reheat	15	31.27	18.5	128.0	145
MA10G4A15	10	460-3-60	65 ea	9.6 ea	3	4.2	5	6.5	Reheat	15	20.58	8.4	66.4	75
MA10G3A15	10	208/230-3-60	130 ea	21.4 ea	5	13.5	5	13.5	Reheat	15	31.27	18.5	132.7	150
MA10G4A15	10	460-3-60	65 ea	9.6 ea	5	6.5	5	6.5	Reheat	15	20.58	8.4	68.7	75
MA10G3A15	10	208/230-3-60	130 ea	21.4 ea	3	8.8	7.5	18.0	Reheat	15	31.27	18.5	132.5	150
MA10G4A15	10	460-3-60	65 ea	9.6 ea	3	4.2	7.5	9.0	Reheat	15	20.58	8.4	68.9	75
MA10G3A15	10	208/230-3-60	130 ea	21.4 ea	5	13.5	7.5	18.0	Reheat	15	31.27	18.5	137.2	155
MA10G4A15	10	460-3-60	65 ea	9.6 ea	5	6.5	7.5	9.0	Reheat	15	20.58	8.4	71.2	80

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MA12G3B10	12	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	Reheat	10	20.85	27.7	140.7	155
MA12G4B10	12	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	Reheat	10	13.72	12.6	70.7	80
MA12G3B10	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	5	13.5	Reheat	10	20.85	27.7	145.2	160
MA12G4B10	12	460-3-60	45 ea	8.6 ea	7.5	9.0	5	6.5	Reheat	10	13.72	12.6	73.2	80
MA12G3B10	12	208/230-3-60	90 ea	17.9 ea	5	13.5	7.5	18.0	Reheat	10	20.85	27.7	145.2	160
MA12G4B10	12	460-3-60	45 ea	8.6 ea	5	6.5	7.5	9.0	Reheat	10	13.72	12.6	73.2	80
MA12G3B10	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	7.5	18.0	Reheat	10	20.85	27.7	149.7	165
MA12G4B10	12	460-3-60	45 ea	8.6 ea	7.5	9.0	7.5	9.0	Reheat	10	13.72	12.6	75.7	85
MA12G3B20	12	208/230-3-60	90 ea	17.9 ea	5	13.5	5	13.5	Reheat	20	41.7	27.7	165.0	175
MA12G4B20	12	460-3-60	45 ea	8.6 ea	5	6.5	5	6.5	Reheat	20	27.44	12.6	87.9	90
MA12G3B20	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	5	13.5	Reheat	20	41.7	27.7	169.5	180
MA12G4B20	12	460-3-60	45 ea	8.6 ea	7.5	9.0	5	6.5	Reheat	20	27.44	12.6	90.4	95
MA12G3B20	12	208/230-3-60	90 ea	17.9 ea	5	13.5	7.5	18.0	Reheat	20	41.7	27.7	169.5	180
MA12G4B20	12	460-3-60	45 ea	8.6 ea	5	6.5	7.5	9.0	Reheat	20	27.44	12.6	90.4	95
MA12G3B20	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	7.5	18.0	Reheat	20	41.7	27.7	174.0	185
MA12G4B20	12	460-3-60	45 ea	8.6 ea	7.5	9.0	7.5	9.0	Reheat	20	27.44	12.6	92.9	95

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 15 Ton Air-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		COND. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MA15G3B10	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	7.5	18.0	Reheat	10	20.85	27.7	161.0	180
MA15G4B10	15	460-3-60	65 ea	9.6 ea	7.5	9.0	7.5	9.0	Reheat	10	13.72	12.6	79.0	90
MA15G3B10	15	208/230-3-60	130 ea	21.4 ea	10	28	7.5	18.0	Reheat	10	20.85	27.7	171.0	190
MA15G4B10	15	460-3-60	65 ea	9.6 ea	10	14	7.5	9.0	Reheat	10	13.72	12.6	84.0	95
MA15G3B10	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	10	28	Reheat	10	20.85	27.7	171.0	190
MA15G4B10	15	460-3-60	65 ea	9.6 ea	7.5	9.0	10	14	Reheat	10	13.72	12.6	84.0	95
MA15G3B10	15	208/230-3-60	130 ea	21.4 ea	10	28	10	28	Reheat	10	20.85	27.7	181.0	200
MA15G4B10	15	460-3-60	65 ea	9.6 ea	10	14	10	14	Reheat	10	13.72	12.6	89.0	100
MA15G3B20	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	7.5	18.0	Reheat	20	41.7	27.7	185.4	200
MA15G4B20	15	460-3-60	65 ea	9.6 ea	7.5	9.0	7.5	9.0	Reheat	20	27.44	12.6	96.1	100
MA15G3B20	15	208/230-3-60	130 ea	21.4 ea	10	28	7.5	18.0	Reheat	20	41.7	27.7	195.4	210
MA15G4B20	15	460-3-60	65 ea	9.6 ea	10	14	7.5	9.0	Reheat	20	27.44	12.6	101.1	105
MA15G3B20	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	10	28	Reheat	20	41.7	27.7	195.4	210
MA15G4B20	15	460-3-60	65 ea	9.6 ea	7.5	9.0	10	14	Reheat	20	27.44	12.6	101.1	105
MA15G3B20	15	208/230-3-60	130 ea	21.4 ea	10	28	10	28	Reheat	20	41.7	27.7	205.4	220
MA15G4B20	15	460-3-60	65 ea	9.6 ea	10	14	10	14	Reheat	20	27.44	12.6	106.1	110

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 1-3 Ton Water-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
MW1G1AS02	1	208/230-1-60	34.2	7	1/2	3.8	Reheat	2	7.22	4.8	26.4	35
MW1G3AS02	1	208/230-3-60	31	4.7	1/2	2.2	Reheat	2	7.22	4.8	21.9	25
MW1G4AS02	1	460-3-60	15	2.6	1/2	1.3	Reheat	2	4.75	4.8	15.3	20
MW1G1AS02	1	208/230-1-60	34.2	7	3/4	5.8	Reheat	2	7.22	4.8	28.4	35
MW1G3AS02	1	208/230-3-60	31	4.7	3/4	3.2	Reheat	2	7.22	4.8	22.9	30
MW1G4AS02	1	460-3-60	15	2.6	3/4	1.5	Reheat	2	4.75	4.8	15.5	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
c) Humidifier is 208/230-1-60 for all unit voltages.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
MW1.5G1AS02	1.5	208/230-1-60	48.2	10.4	1/2	3.8	Reheat	2	7.22	4.8	30.6	40
MW1.5G3AS02	1.5	208/230-3-60	41	6.5	1/2	2.2	Reheat	2	7.22	4.8	24.2	30
MW1.5G4AS02	1.5	460-3-60	17.4	4.1	1/2	1.3	Reheat	2	4.75	4.8	17.2	25
MW1.5G1AS02	1.5	208/230-1-60	48.2	10.4	3/4	5.8	Reheat	2	7.22	4.8	32.6	45
MW1.5G3AS02	1.5	208/230-3-60	41	6.5	3/4	3.2	Reheat	2	7.22	4.8	25.2	30
MW1.5G4AS02	1.5	460-3-60	17.4	4.1	3/4	1.5	Reheat	2	4.75	4.8	17.4	25

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
c) Humidifier is 208/230-1-60 for all unit voltages.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
MW2G1AS05	2	208/230-1-60	59	13.4	1/2	3.8	Reheat	5	18.06	8.0	51.1	65
MW2G3AS05	2	208/230-3-60	50	8.7	1/2	2.2	Reheat	5	18.06	6.5	42.2	50
MW2G4AS05	2	460-3-60	25	4.2	1/2	1.3	Reheat	5	11.88	2.9	24.3	30
MW2G1AS05	2	208/230-1-60	59	13.4	3/4	5.8	Reheat	5	18.06	8.0	53.1	65
MW2G3AS05	2	208/230-3-60	50	8.7	3/4	3.2	Reheat	5	18.06	6.5	43.2	50
MW2G4AS05	2	460-3-60	25	4.2	3/4	1.5	Reheat	5	11.88	2.9	24.5	30

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
MW3G1AS05	3	208/230-1-60	93	22.5	3/4	5.8	Reheat	5	18.06	8.0	64.5	85
MW3G3AS05	3	208/230-3-60	74	14.3	3/4	3.2	Reheat	5	18.06	6.5	50.2	60
MW3G4AS05	3	460-3-60	41	6.7	3/4	1.5	Reheat	5	11.88	2.9	27.6	35
MW3G1AS05	3	208/230-1-60	93	22.5	1	7.0	Reheat	5	18.06	8.0	65.7	85
MW3G3AS05	3	208/230-3-60	74	14.3	1	3.4	Reheat	5	18.06	6.5	50.4	65
MW3G4AS05	3	460-3-60	41	6.7	1	1.6	Reheat	5	11.88	2.9	27.7	35

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 4-5 Ton Water-Cooled Electrical Data

Single Circuit			COMPRESSOR		EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MW4G3ASN05	4	208/230-3-60	90	17.9	1	3.4	Reheat	5	18.06	10.2	58.6	75
MW4G4ASN05	4	460-3-60	45	8.6	1	1.6	Reheat	5	11.88	4.6	31.8	40
MW4G3ASN05	4	208/230-3-60	90	17.9	1-1/2	5.0	Reheat	5	18.06	10.2	60.2	75
MW4G4ASN05	4	460-3-60	45	8.6	1-1/2	2.4	Reheat	5	11.88	4.6	32.6	40
MW4G3ASN10	4	208/230-3-60	90	17.9	1	3.4	Reheat	10	20.85	10.2	62.0	75
MW4G4ASN10	4	460-3-60	45	8.6	1	1.6	Reheat	10	13.72	4.6	34.1	40
MW4G3ASN10	4	208/230-3-60	90	17.9	1-1/2	5.0	Reheat	10	20.85	10.2	63.6	80
MW4G4ASN10	4	460-3-60	45	8.6	1-1/2	2.4	Reheat	10	13.72	4.6	34.9	45

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Dual Circuit			COMPRESSOR		EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MW4G3A05	4	208/230-3-60	50 ea	8.7 ea	1	3.4	Reheat	5	18.06	10.2	55.8	60
MW4G4A05	4	460-3-60	25 ea	4.2 ea	1	1.6	Reheat	5	11.88	4.6	30.5	35
MW4G3A05	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	Reheat	5	18.06	10.2	57.4	65
MW4G4A05	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	Reheat	5	11.88	4.6	31.3	35
MW4G3A10	4	208/230-3-60	50 ea	8.7 ea	1	3.4	Reheat	10	20.85	10.2	59.2	65
MW4G4A10	4	460-3-60	25 ea	4.2 ea	1	1.6	Reheat	10	13.72	4.6	32.8	35
MW4G3A10	4	208/230-3-60	50 ea	8.7 ea	1-1/2	5.0	Reheat	10	20.85	10.2	60.8	65
MW4G4A10	4	460-3-60	25 ea	4.2 ea	1-1/2	2.4	Reheat	10	13.72	4.6	33.6	35

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Single Circuit			COMPRESSOR		EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MW5G3ASN05	5	208/230-3-60	130	21.4	1	3.4	Reheat	5	18.06	10.2	62.9	80
MW5G4ASN05	5	460-3-60	65	9.6	1	1.6	Reheat	5	11.88	4.6	33.1	40
MW5G3ASN05	5	208/230-3-60	130	21.4	1-1/2	5.0	Reheat	5	18.06	10.2	64.5	85
MW5G4ASN05	5	460-3-60	65	9.6	1-1/2	2.4	Reheat	5	11.88	4.6	33.9	45
MW5G3ASN10	5	208/230-3-60	130	21.4	1	3.4	Reheat	10	20.85	10.2	66.4	85
MW5G4ASN10	5	460-3-60	65	9.6	1	1.6	Reheat	10	13.72	4.6	35.4	45
MW5G3ASN10	5	208/230-3-60	130	21.4	1-1/2	5.0	Reheat	10	20.85	10.2	68.0	85
MW5G4ASN10	5	460-3-60	65	9.6	1-1/2	2.4	Reheat	10	13.72	4.6	36.2	45

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Dual Circuit			COMPRESSOR		EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	LRA	RLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MW5G3A05	5	208/230-3-60	65 ea	12 ea	1	3.4	Reheat	5	18.06	10.2	63.2	75
MW5G4A05	5	460-3-60	32 ea	5.6 ea	1	1.6	Reheat	5	11.88	4.6	33.7	40
MW5G3A05	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	Reheat	5	18.06	10.2	64.8	75
MW5G4A05	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	Reheat	5	11.88	4.6	34.5	40
MW5G3A10	5	208/230-3-60	65 ea	12 ea	1	3.4	Reheat	10	20.85	10.2	66.7	75
MW5G4A10	5	460-3-60	32 ea	5.6 ea	1	1.6	Reheat	10	13.72	4.6	36.0	40
MW5G3A10	5	208/230-3-60	65 ea	12 ea	1-1/2	5.0	Reheat	10	20.85	10.2	68.3	80
MW5G4A10	5	460-3-60	32 ea	5.6 ea	1-1/2	2.4	Reheat	10	13.72	4.6	36.8	40

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 6-10 Ton Water-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
MW6G3A05	6	208/230-3-60	74 ea	14.3 ea	2	6.5	Reheat	5	18.06	10.2	71.5	85
MW6G4A05	6	460-3-60	41 ea	6.7 ea	2	3.1	Reheat	5	11.88	4.6	37.6	45
MW6G3A05	6	208/230-3-60	74 ea	14.3 ea	3	8.8	Reheat	5	18.06	10.2	73.8	85
MW6G4A05	6	460-3-60	41 ea	6.7 ea	3	4.2	Reheat	5	11.88	4.6	38.7	45
MW6G3A10	6	208/230-3-60	74 ea	14.3 ea	2	6.5	Reheat	10	20.85	10.2	74.9	85
MW6G4A10	6	460-3-60	41 ea	6.7 ea	2	3.1	Reheat	10	13.72	4.6	39.9	45
MW6G3A10	6	208/230-3-60	74 ea	14.3 ea	3	8.8	Reheat	10	20.85	10.2	77.2	90
MW6G4A10	6	460-3-60	41 ea	6.7 ea	3	4.2	Reheat	10	13.72	4.6	41.0	45

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
MW8G3A10	8	208/230-3-60	90 ea	17.9 ea	3	8.8	Reheat	10	20.85	18.5	93.6	110
MW8G4A10	8	460-3-60	45 ea	8.6 ea	3	4.2	Reheat	10	13.72	8.4	49.1	55
MW8G3A10	8	208/230-3-60	90 ea	17.9 ea	5	13.5	Reheat	10	20.85	18.5	98.3	115
MW8G4A10	8	460-3-60	45 ea	8.6 ea	5	6.5	Reheat	10	13.72	8.4	51.4	60
MW8G3A15	8	208/230-3-60	90 ea	17.9 ea	3	8.8	Reheat	15	31.27	18.5	106.7	120
MW8G4A15	8	460-3-60	45 ea	8.6 ea	3	4.2	Reheat	15	20.58	8.4	57.7	65
MW8G3A15	8	208/230-3-60	90 ea	17.9 ea	5	13.5	Reheat	15	31.27	18.5	111.4	125
MW8G4A15	8	460-3-60	45 ea	8.6 ea	5	6.5	Reheat	15	20.58	8.4	60.0	65

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			LRA	RLA	HP	FLA	Used As	KW	AMPS			
MW10G3A10	10	208/230-3-60	130 ea	21.4 ea	3	8.8	Reheat	10	20.85	18.5	101.2	120
MW10G4A10	10	460-3-60	65 ea	9.6 ea	3	4.2	Reheat	10	13.72	8.4	51.4	60
MW10G3A10	10	208/230-3-60	130 ea	21.4 ea	5	13.5	Reheat	10	20.85	18.5	105.9	125
MW10G4A10	10	460-3-60	65 ea	9.6 ea	5	6.5	Reheat	10	13.72	8.4	53.7	60
MW10G3A15	10	208/230-3-60	130 ea	21.4 ea	3	8.8	Reheat	15	31.27	18.5	114.5	130
MW10G4A15	10	460-3-60	65 ea	9.6 ea	3	4.2	Reheat	15	20.58	8.4	59.9	65
MW10G3A15	10	208/230-3-60	130 ea	21.4 ea	5	13.5	Reheat	15	31.27	18.5	119.2	135
MW10G4A15	10	460-3-60	65 ea	9.6 ea	5	6.5	Reheat	15	20.58	8.4	62.2	70

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 12-15 Ton Water-Cooled Electrical Data

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MW12G3B10	12	208/230-3-60	90 ea	17.9 ea	5	13.5	Reheat	10	20.85	27.7	127.2	140
MW12G4B10	12	460-3-60	45 ea	8.6 ea	5	6.5	Reheat	10	13.72	12.6	64.2	70
MW12G3B10	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	Reheat	10	20.85	27.7	131.7	145
MW12G4B10	12	460-3-60	45 ea	8.6 ea	7.5	9.0	Reheat	10	13.72	12.6	66.7	75
MW12G3B20	12	208/230-3-60	90 ea	17.9 ea	5	13.5	Reheat	20	41.7	27.7	151.5	160
MW12G4B20	12	460-3-60	45 ea	8.6 ea	5	6.5	Reheat	20	27.44	12.6	81.4	85
MW12G3B20	12	208/230-3-60	90 ea	17.9 ea	7.5	18.0	Reheat	20	41.7	27.7	156.0	165
MW12G4B20	12	460-3-60	45 ea	8.6 ea	7.5	9.0	Reheat	20	27.44	12.6	83.9	90

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	COMPRESSOR		EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			LRA	RLA	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
MW15G3B10	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	Reheat	10	20.85	27.7	143.0	160
MW15G4B10	15	460-3-60	65 ea	9.6 ea	7.5	9.0	Reheat	10	13.72	12.6	70.0	80
MW15G3B10	15	208/230-3-60	130 ea	21.4 ea	10	28	Reheat	10	20.85	27.7	153.0	170
MW15G4B10	15	460-3-60	65 ea	9.6 ea	10	14	Reheat	10	13.72	12.6	75.0	85
MW15G3B20	15	208/230-3-60	130 ea	21.4 ea	7.5	18.0	Reheat	20	41.7	27.7	167.4	180
MW15G4B20	15	460-3-60	65 ea	9.6 ea	7.5	9.0	Reheat	20	27.44	12.6	87.1	90
MW15G3B20	15	208/230-3-60	130 ea	21.4 ea	10	28	Reheat	20	41.7	27.7	177.4	190
MW15G4B20	15	460-3-60	65 ea	9.6 ea	10	14	Reheat	20	27.44	12.6	92.1	95

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 1-3 Ton Evaporator Electrical Data

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
EMA1G1AS02	1	208/230-1-60	1/2	3.8	Reheat	2	7.22	4.8	18.6	25
EMA1G3AS02	1	208/230-3-60	1/2	2.2	Reheat	2	7.22	4.8	16.6	20
EMA1G4AS02	1	460-3-60	1/2	1.3	Reheat	2	4.75	4.8	12.4	15
EMA1G1AS02	1	208/230-1-60	3/4	5.8	Reheat	2	7.22	4.8	21.1	30
EMA1G3AS02	1	208/230-3-60	3/4	3.2	Reheat	2	7.22	4.8	17.8	20
EMA1G4AS02	1	460-3-60	3/4	1.5	Reheat	2	4.75	4.8	12.6	15

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
c) Humidifier is 208/230-1-60 for all unit voltages.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
EMA1.5G1AS02	1.5	208/230-1-60	1/2	3.8	Reheat	2	7.22	4.8	18.6	25
EMA1.5G3AS02	1.5	208/230-3-60	1/2	2.2	Reheat	2	7.22	4.8	16.6	20
EMA1.5G4AS02	1.5	460-3-60	1/2	1.3	Reheat	2	4.75	4.8	12.4	15
EMA1.5G1AS02	1.5	208/230-1-60	3/4	5.8	Reheat	2	7.22	4.8	21.1	30
EMA1.5G3AS02	1.5	208/230-3-60	3/4	3.2	Reheat	2	7.22	4.8	17.8	20
EMA1.5G4AS02	1.5	460-3-60	3/4	1.5	Reheat	2	4.75	4.8	12.6	15

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
c) Humidifier is 208/230-1-60 for all unit voltages.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
EMA2G1AS05	2	208/230-1-60	1/2	3.8	Reheat	5	18.06	8.0	35.3	40
EMA2G3AS05	2	208/230-3-60	1/2	2.2	Reheat	5	18.06	6.5	31.8	35
EMA2G4AS05	2	460-3-60	1/2	1.3	Reheat	5	11.88	2.9	19.4	20
EMA2G1AS05	2	208/230-1-60	3/4	5.8	Reheat	5	18.06	8.0	37.8	40
EMA2G3AS05	2	208/230-3-60	3/4	3.2	Reheat	5	18.06	6.5	33.1	35
EMA2G4AS05	2	460-3-60	3/4	1.5	Reheat	5	11.88	2.9	19.6	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
EMA3G1AS05	3	208/230-1-60	3/4	5.8	Reheat	5	18.06	8.0	37.8	40
EMA3G3AS05	3	208/230-3-60	3/4	3.2	Reheat	5	18.06	6.5	33.1	35
EMA3G4AS05	3	460-3-60	3/4	1.5	Reheat	5	11.88	2.9	19.6	20
EMA3G1AS05	3	208/230-1-60	1	7.0	Reheat	5	18.06	8.0	39.3	45
EMA3G3AS05	3	208/230-3-60	1	3.4	Reheat	5	18.06	6.5	33.3	35
EMA3G4AS05	3	460-3-60	1	1.6	Reheat	5	11.88	2.9	19.8	20

a) Electric heater is single phase in all units.
b) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 4-5 Ton Evaporator Electrical Data

Single Circuit			EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
EMA4G3ASN05	4	208/230-3-60	1	3.4	Reheat	5	18.06	10.2	37.0	40
EMA4G4ASN05	4	460-3-60	1	1.6	Reheat	5	11.88	4.6	21.5	25
EMA4G3ASN05	4	208/230-3-60	1-1/2	5.0	Reheat	5	18.06	10.2	39.0	40
EMA4G4ASN05	4	460-3-60	1-1/2	2.4	Reheat	5	11.88	4.6	22.5	25
EMA4G3ASN10	4	208/230-3-60	1	3.4	Reheat	10	20.85	10.2	40.5	45
EMA4G4ASN10	4	460-3-60	1	1.6	Reheat	10	13.72	4.6	23.8	25
EMA4G3ASN10	4	208/230-3-60	1-1/2	5.0	Reheat	10	20.85	10.2	42.5	45
EMA4G4ASN10	4	460-3-60	1-1/2	2.4	Reheat	10	13.72	4.6	24.8	25

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Dual Circuit			EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
EMA4G3A05	4	208/230-3-60	1	3.4	Reheat	5	18.06	10.2	37.0	40
EMA4G4A05	4	460-3-60	1	1.6	Reheat	5	11.88	4.6	21.5	25
EMA4G3A05	4	208/230-3-60	1-1/2	5.0	Reheat	5	18.06	10.2	39.0	40
EMA4G4A05	4	460-3-60	1-1/2	2.4	Reheat	5	11.88	4.6	22.5	25
EMA4G3A10	4	208/230-3-60	1	3.4	Reheat	10	20.85	10.2	40.5	45
EMA4G4A10	4	460-3-60	1	1.6	Reheat	10	13.72	4.6	23.8	25
EMA4G3A10	4	208/230-3-60	1-1/2	5.0	Reheat	10	20.85	10.2	42.5	45
EMA4G4A10	4	460-3-60	1-1/2	2.4	Reheat	10	13.72	4.6	24.8	25

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Single Circuit			EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
EMA5G3ASN05	5	208/230-3-60	1	3.4	Reheat	5	18.06	10.2	37.0	40
EMA5G4ASN05	5	460-3-60	1	1.6	Reheat	5	11.88	4.6	21.5	25
EMA5G3ASN05	5	208/230-3-60	1-1/2	5.0	Reheat	5	18.06	10.2	39.0	40
EMA5G4ASN05	5	460-3-60	1-1/2	2.4	Reheat	5	11.88	4.6	22.5	25
EMA5G3ASN10	5	208/230-3-60	1	3.4	Reheat	10	20.85	10.2	40.5	45
EMA5G4ASN10	5	460-3-60	1	1.6	Reheat	10	13.72	4.6	23.8	25
EMA5G3ASN10	5	208/230-3-60	1-1/2	5.0	Reheat	10	20.85	10.2	42.5	45
EMA5G4ASN10	5	460-3-60	1-1/2	2.4	Reheat	10	13.72	4.6	24.8	25

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Dual Circuit			EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
MODEL NO.	TONS	VOLTAGE	HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
EMA5G3A05	5	208/230-3-60	1	3.4	Reheat	5	18.06	10.2	37.0	40
EMA5G4A05	5	460-3-60	1	1.6	Reheat	5	11.88	4.6	21.5	25
EMA5G3A05	5	208/230-3-60	1-1/2	5.0	Reheat	5	18.06	10.2	39.0	40
EMA5G4A05	5	460-3-60	1-1/2	2.4	Reheat	5	11.88	4.6	22.5	25
EMA5G3A10	5	208/230-3-60	1	3.4	Reheat	10	20.85	10.2	40.5	45
EMA5G4A10	5	460-3-60	1	1.6	Reheat	10	13.72	4.6	23.8	25
EMA5G3A10	5	208/230-3-60	1-1/2	5.0	Reheat	10	20.85	10.2	42.5	45
EMA5G4A10	5	460-3-60	1-1/2	2.4	Reheat	10	13.72	4.6	24.8	25

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.
b) 5 kW Electric heater is single phase.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 6-10 Ton Evaporator Electrical Data

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
EMA6G3A05	6	208/230-3-60	2	6.5	Reheat	5	18.06	10.2	40.9	45
EMA6G4A05	6	460-3-60	2	3.1	Reheat	5	11.88	4.6	23.3	25
EMA6G3A05	6	208/230-3-60	3	8.8	Reheat	5	18.06	10.2	43.8	50
EMA6G4A05	6	460-3-60	3	4.2	Reheat	5	11.88	4.6	24.7	30
EMA6G3A10	6	208/230-3-60	2	6.5	Reheat	10	20.85	10.2	44.4	50
EMA6G4A10	6	460-3-60	2	3.1	Reheat	10	13.72	4.6	25.6	30
EMA6G3A10	6	208/230-3-60	3	8.8	Reheat	10	20.85	10.2	47.3	55
EMA6G4A10	6	460-3-60	3	4.2	Reheat	10	13.72	4.6	27.0	30

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
EMA8G3A10	8	208/230-3-60	3	8.8	Reheat	10	20.85	18.5	55.6	60
EMA8G4A10	8	460-3-60	3	4.2	Reheat	10	13.72	8.4	30.8	35
EMA8G3A10	8	208/230-3-60	5	13.5	Reheat	10	20.85	18.5	61.4	70
EMA8G4A10	8	460-3-60	5	6.5	Reheat	10	13.72	8.4	33.7	40
EMA8G3A15	8	208/230-3-60	3	8.8	Reheat	15	31.27	18.5	68.6	70
EMA8G4A15	8	460-3-60	3	4.2	Reheat	15	20.58	8.4	39.4	40
EMA8G3A15	8	208/230-3-60	5	13.5	Reheat	15	31.27	18.5	74.5	85
EMA8G4A15	8	460-3-60	5	6.5	Reheat	15	20.58	8.4	42.3	45

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID AMPS	MIN. CIRCUIT AMPACITY	MAX. FUSE SIZE
			HP	FLA	Used As	KW	AMPS			
EMA10G3A10	10	208/230-3-60	3	8.8	Reheat	10	20.85	18.5	55.6	60
EMA10G4A10	10	460-3-60	3	4.2	Reheat	10	13.72	8.4	30.8	35
EMA10G3A10	10	208/230-3-60	5	13.5	Reheat	10	20.85	18.5	61.4	70
EMA10G4A10	10	460-3-60	5	6.5	Reheat	10	13.72	8.4	33.7	40
EMA10G3A15	10	208/230-3-60	3	8.8	Reheat	15	31.27	18.5	68.6	70
EMA10G4A15	10	460-3-60	3	4.2	Reheat	15	20.58	8.4	39.4	40
EMA10G3A15	10	208/230-3-60	5	13.5	Reheat	15	31.27	18.5	74.5	85
EMA10G4A15	10	460-3-60	5	6.5	Reheat	15	20.58	8.4	42.3	45

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

MagnaCool 12-15 Ton Evaporator Electrical Data

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
EMA12G3B10	12	208/230-3-60	5	13.5	Reheat	10	20.85	27.7	72.4	80
EMA12G4B10	12	460-3-60	5	6.5	Reheat	10	13.72	12.6	37.9	45
EMA12G3B10	12	208/230-3-60	7.5	18.0	Reheat	10	20.85	27.7	78.0	90
EMA12G4B10	12	460-3-60	7.5	9.0	Reheat	10	13.72	12.6	41.0	50
EMA12G3B20	12	208/230-3-60	5	13.5	Reheat	20	41.7	27.7	96.7	100
EMA12G4B20	12	460-3-60	5	6.5	Reheat	20	27.44	12.6	55.0	60
EMA12G3B20	12	208/230-3-60	7.5	18.0	Reheat	20	41.7	27.7	102.3	110
EMA12G4B20	12	460-3-60	7.5	9.0	Reheat	20	27.44	12.6	58.2	65

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

MODEL NO.	TONS	VOLTAGE	EVAP. MOTOR		HEATER			HUMID	MIN. CIRCUIT	MAX. FUSE
			HP	FLA	Used As	KW	AMPS	AMPS	AMPACITY	SIZE
EMA15G3B10	15	208/230-3-60	7.5	18.0	Reheat	10	20.85	27.7	78.0	90
EMA15G4B10	15	460-3-60	7.5	9.0	Reheat	10	13.72	12.6	41.0	50
EMA15G3B10	15	208/230-3-60	10	28	Reheat	10	20.85	27.7	90.5	115
EMA15G4B10	15	460-3-60	10	14	Reheat	10	13.72	12.6	47.3	60
EMA15G3B20	15	208/230-3-60	7.5	18.0	Reheat	20	41.7	27.7	102.3	110
EMA15G4B20	15	460-3-60	7.5	9.0	Reheat	20	27.44	12.6	58.2	65
EMA15G3B20	15	208/230-3-60	10	28	Reheat	20	41.7	27.7	114.8	135
EMA15G4B20	15	460-3-60	10	14	Reheat	20	27.44	12.6	64.4	75

a) Electric heater is nominally rated at 240 volts or 440 volts. Data listed at 208 volts or 460 volts.

Values listed are typical and may vary dependent upon the components utilized.

Steam Canister Humidifiers

Nominal Tons	Unit Voltage	Humidifier			
		Voltage	Lbs. / Hr.	Amps	Watts
1	208/230-1-60	208-1-60	3	4.8	999
	208/230-3-60				
	460-3-60				
1-1/2	208/230-1-60	208-1-60	3	4.8	999
	208/230-3-60				
	460-3-60				
2	208/230-1-60	208-1-60	5	8	1666
	208/230-3-60	208-3-60	7	6.5	2333
	460-3-60	440-3-60	7	3.1	2333
3	208/230-1-60	208-1-60	5	8	1666
	208/230-3-60	208-3-60	7	6.5	2333
	460-3-60	440-3-60	7	3.1	2333
4	208/230-1-60	208-1-60	7	11.2	2333
	208/230-3-60	208-3-60	12	10.2	3666
	460-3-60	440-3-60	12	4.8	3666
5	208/230-1-60	208-1-60	7	11.2	2333
	208/230-3-60	208-3-60	12	10.2	3666
	460-3-60	440-3-60	12	4.8	3666
6	208/230-1-60	208-1-60	7	11.2	2333
	208/230-3-60	208-3-60	12	10.2	3666
	460-3-60	440-3-60	12	4.8	3666
8	208/230-3-60	208-3-60	20	18.5	6667
	460-3-60	440-3-60	20	8.7	6667
10	208/230-3-60	208-3-60	20	18.5	6667
	460-3-60	440-3-60	20	8.7	6667
12	208/230-3-60	208-3-60	30	27.7	10000
	460-3-60	440-3-60	30	13.1	10000
15	208/230-3-60	208-3-60	30	27.7	10000
	460-3-60	440-3-60	30	13.1	10000

CAUTION! UNIT SHOULD NOT BE LOCATED IN SPACE SUBJECT TO FREEZING TEMPERATURES

Water Supply Connection

A 1/4" flare fitting is provided on one of the exterior fixed panels of the air conditioner.

Run a 1/2" water line to ithin 1 foot of the unit before reducing to 1/4" OD for the flare connector.

The normal life expectancy of a steam cylinder ranges from 500 to 4,000 hours dependent upon the water quality and use profile. Generally it can be expected to be around 2,000 hours.

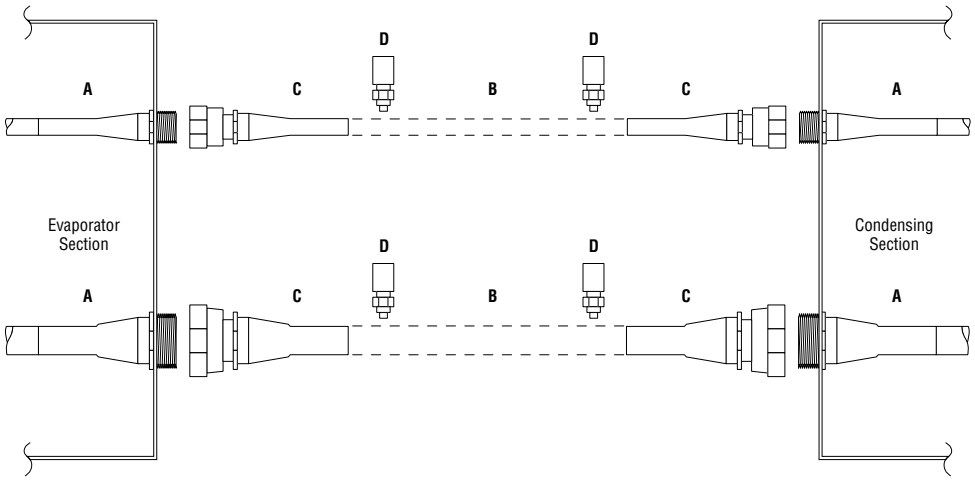
Water Quality

a. Inlet water pressure must be between 15 and 150 psi. If higher than 150 psi, install a regulator.
b. Use only potable water.
c. Water conductivity should be between 125 and 1,250 Micromhos (optimum is 150 to 350 Micromhos).
d. If water conductivity is over 250 Micromhos, do not use softened water.
e. De-mineralized water cannot be used, as there are no minerals to conduct the electricity.
f. Water pH range of 6.5 to 7.5.

Guidelines for Interconnecting Tubing Sizing*

Tons	Suction Line				Liquid Line	
	Evap. Lower Than Cond. Unit Max. Lift 40 Ft.		Evap. Higher Than or on Same Level as Cond. Unit			
	Up To 100 Ft.	Over 100 Ft.‡	Up To 100 Ft.	Over 100 Ft.‡	Up To 100 Ft.	Over 100 Ft.‡
1	5/8	5/8	5/8	5/8	3/8	3/8
1-1/2	5/8	5/8	5/8	5/8	3/8	3/8
2	3/4	3/4	3/4	7/8	3/8	3/8
3	3/4	7/8	7/8	1-1/8	3/8	3/8
4 (Sgl)	7/8	7/8	1-1/8	1-1/8	3/8	1/2
4 (Dual)	(2) 3/4	(2) 3/4	(2) 3/4	(2) 7/8	(2) 3/8	(2) 3/8
5 (Sgl)	7/8	1-1/8	1-1/8	1-3/8	1/2	5/8
5 (Dual)	(2) 3/4	(2) 7/8	(2) 7/8	(2) 1-1/8	(2) 3/8	(2) 3/8
6	(2) 3/4	(2) 7/8	(2) 7/8	(2) 1-1/8	(2) 3/8	(2) 3/8
8	(2) 7/8	(2) 7/8	(2) 1-1/8	(2) 1-1/8	(2) 3/8	(2) 1/2
10	(2) 7/8	(2) 1-1/8	(2) 1-1/8	(2) 1-3/8	(2) 1/2	(2) 5/8
12	(3) 7/8	(3) 7/8	(3) 1-1/8	(3) 1-1/8	(3) 3/8	(3) 1/2
15	(3) 7/8	(3) 1-1/8	(3) 1-1/8	(3) 1-3/8	(3) 1/2	(3) 5/8

* Always follow accepted industry practice for sizing lines based on line length and elevation differences.
‡ Over 100 Ft. requires a receiver tank in each liquid line.



A - Male Aeroquip fittings on unit sections
B - Refrigerant piping between sections (field-supplied)
C - Female Aeroquip fittings in interconnect kit (4)
D - Schrader fittings in interconnect kit (4)

Interconnect Kits

United CoolAir Corporation's C-Series horizontal units are provided with unique OEM Aeroquip fittings on the refrigerant lines between sections. These fittings or couplings are self-sealing, which allows the two-unit section to be separated and reconnected without loosing refrigerant charge.

When installed as a split system, an interconnect kit is required for each refrigerant circuit or hot gas bypass line.

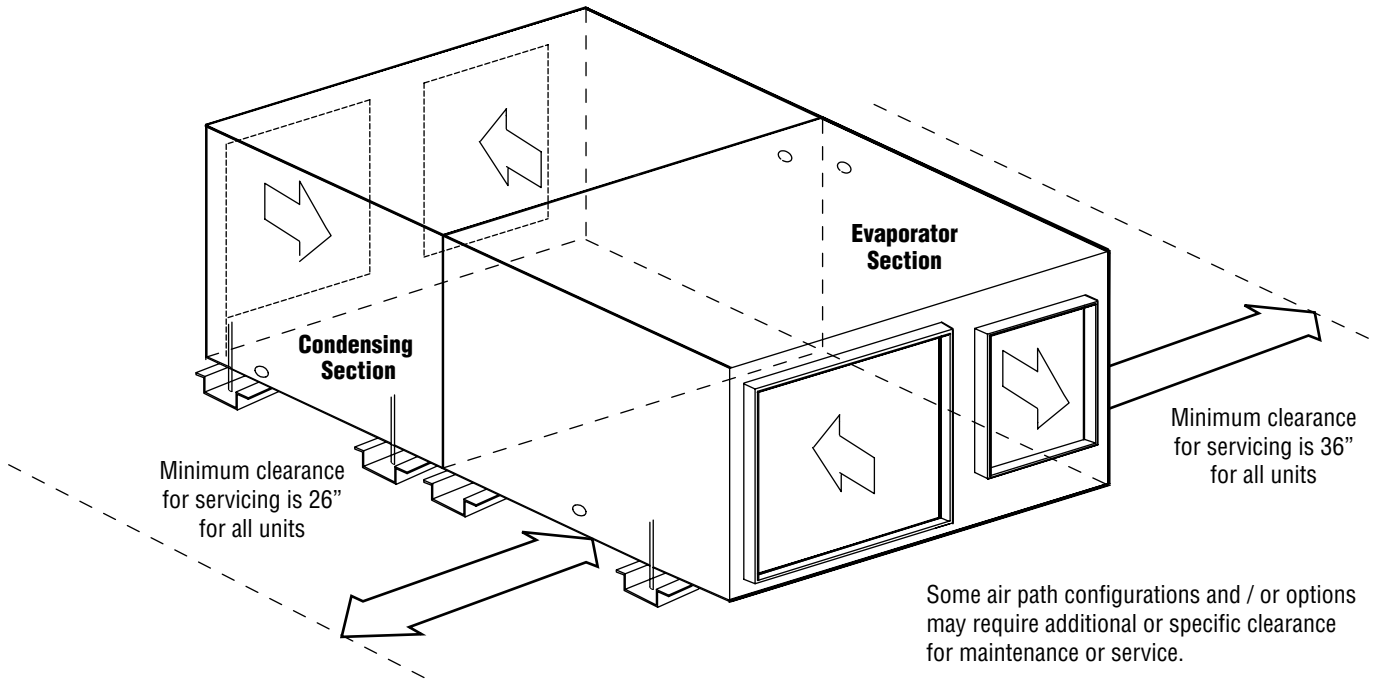
If the unit is defined as a split system when ordered, the Aeroquip fittings will be male fittings on both sections. The interconnect kit will then consist of the matching female fittings. The interconnect kit is required for the field to connect refrigerant lines between both sections. Refrigerant piping between the sections is field supplied.

Figure 1 illustrates a typical piping arrangement.

The interconnect kit also contains four (4) Schrader fittings. The installer can place at least one in each refrigerant line or one at each end of the refrigerant line. These enable the refrigerant line to be evacuated and charged as needed based on size and length.

In some situations, the desired refrigerant line size may differ from thee Aeroquip fitting size provided. The line size should be reduced or enlarged at the fittings as necessary.

Service Clearances



Application Data (a)

Voltage Variation	208/230 460	187 / 253 414 / 504
Cooling (b) (Air Over Evap.)	DB (Min./Max.)	45 / 120
	WB (Min./Max.)	57 / 72
Heat Pump (Air Over ID Coil)	DB (Min./Max.)	50 / 80
Water Cooled	GPM/Ton (Min./Max.)*	2.5 / 3.5
	Leaving Water Temp. (Min./Max.)	60 / 115

* GPM / Ton may be higher for glycol cooled systems.

(a) Dependent upon specific application, some additional refrigerant circuit considerations my be required.
(b) Not all combinations may be valid.

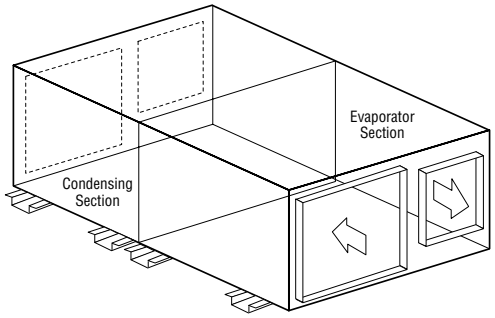
Control Wire Sizes

Wire Size[1] AWG. Gauge				
22	20	19	18	16
40	120	150	190	305

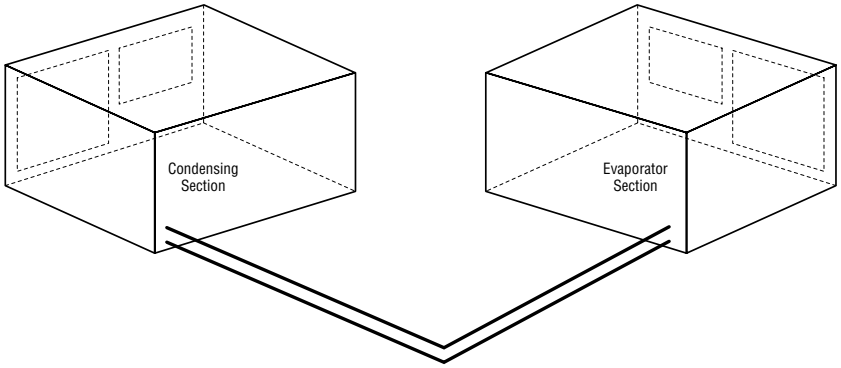
Maximum Wire Length[2] Feet

1. Solid, Class II copper wire
2. Based on a voltage drop of 1.2 volts per wire.
3. Total wire length is from unit to room thermostat and back to unit.

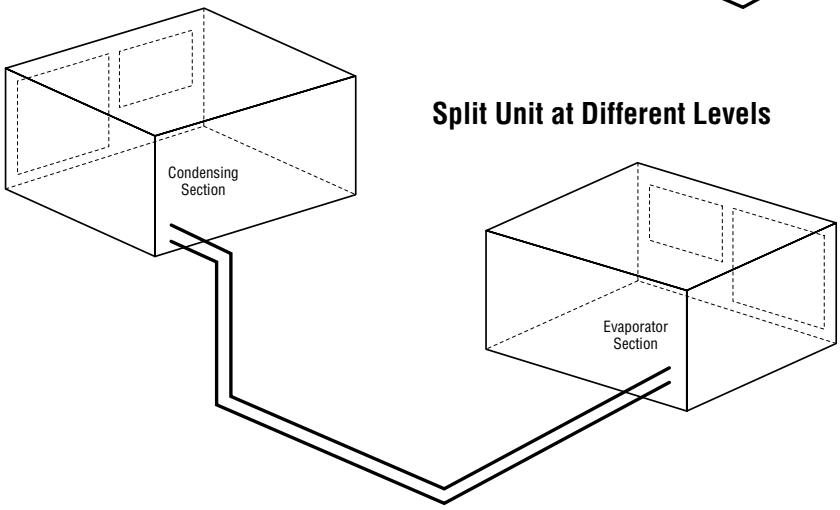
Self-Contained Unit



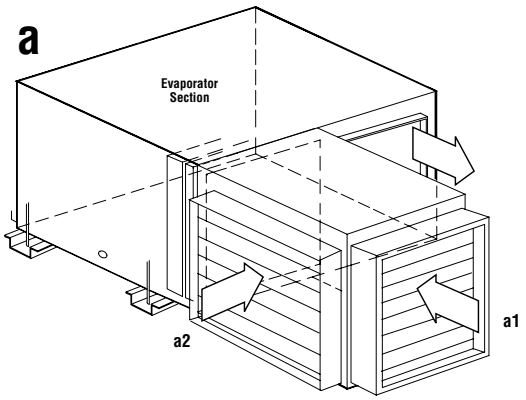
Split Unit at Same Level

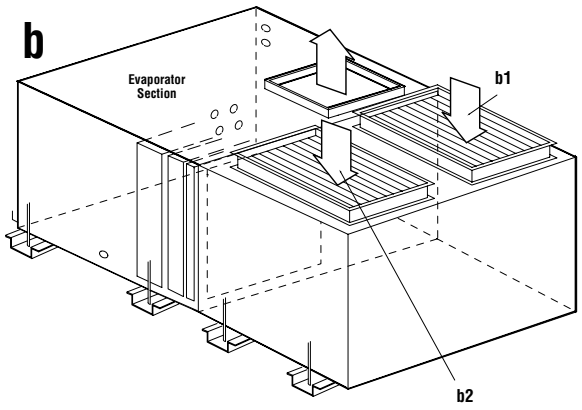


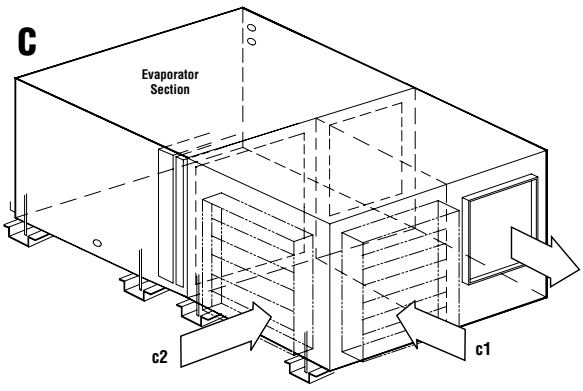
Split Unit at Different Levels



Mixing Box or Economizer Configurations



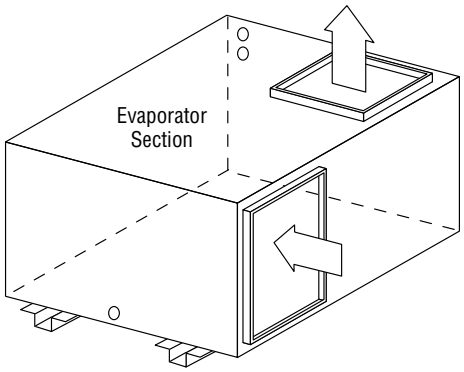




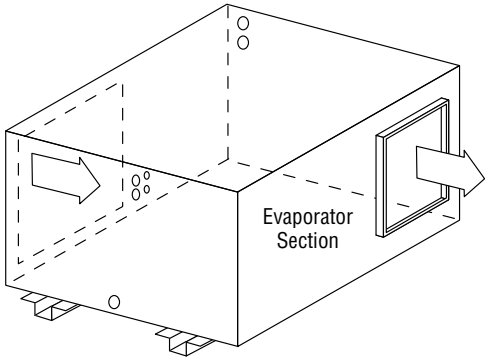
Mixing boxes available with manual dampers or without dampers.

Optional Evaporator Configurations

Top Discharge

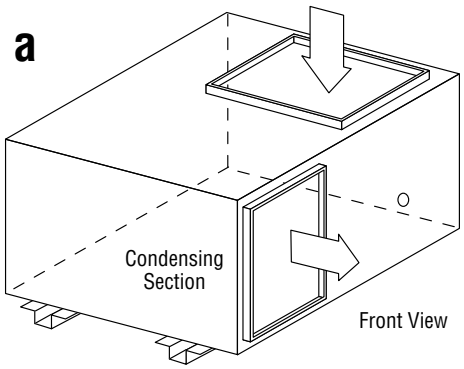


Straight-Through Air Path

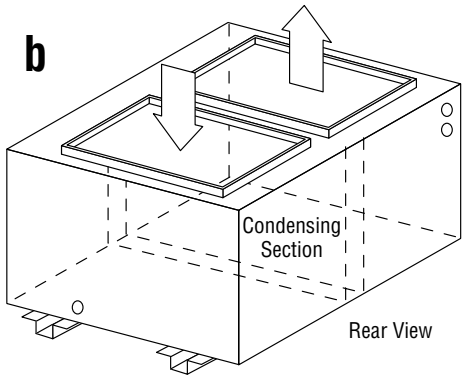


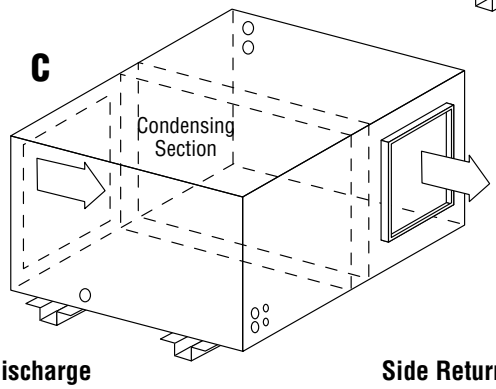
Optional Condensing/Condenser Configurations

Top Return



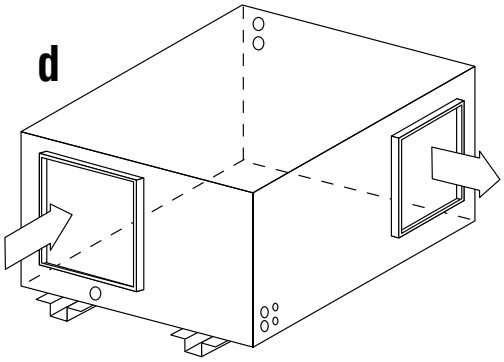
Top Return & Discharge



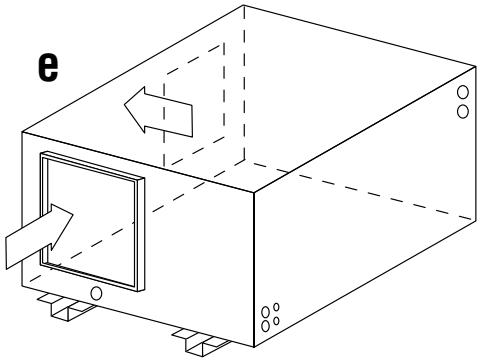


Straight-Through Air Path (Rear Discharge)

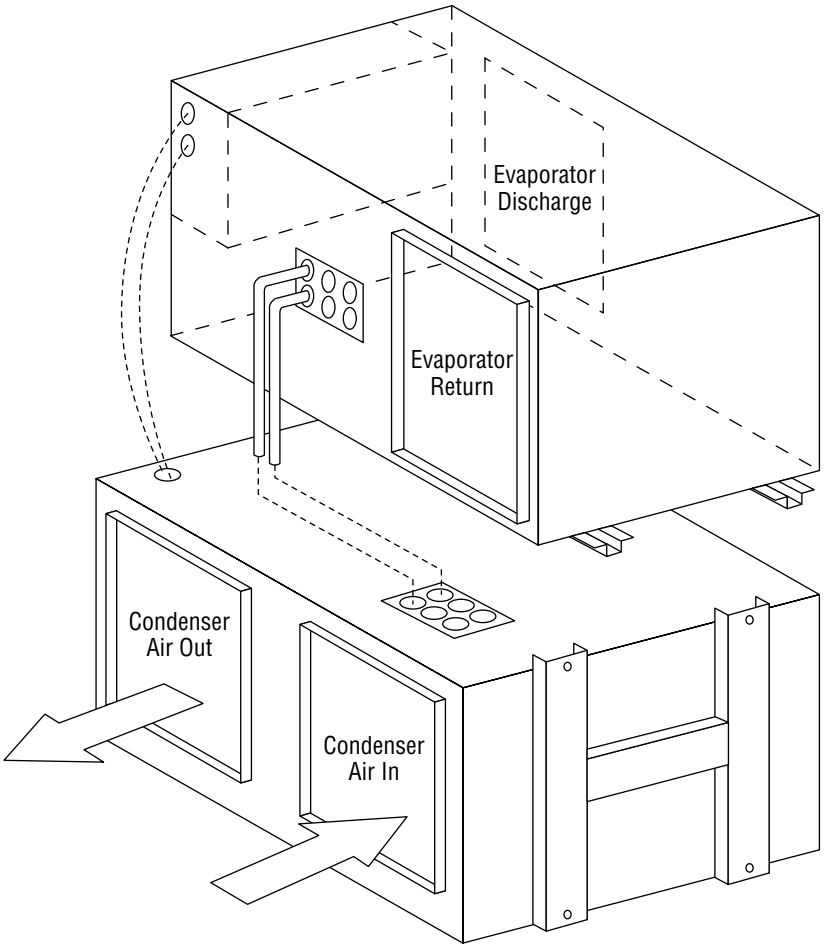
Side Return & Rear Discharge



Side Return & Front Discharge



Optional Vertical Stacking Configuration

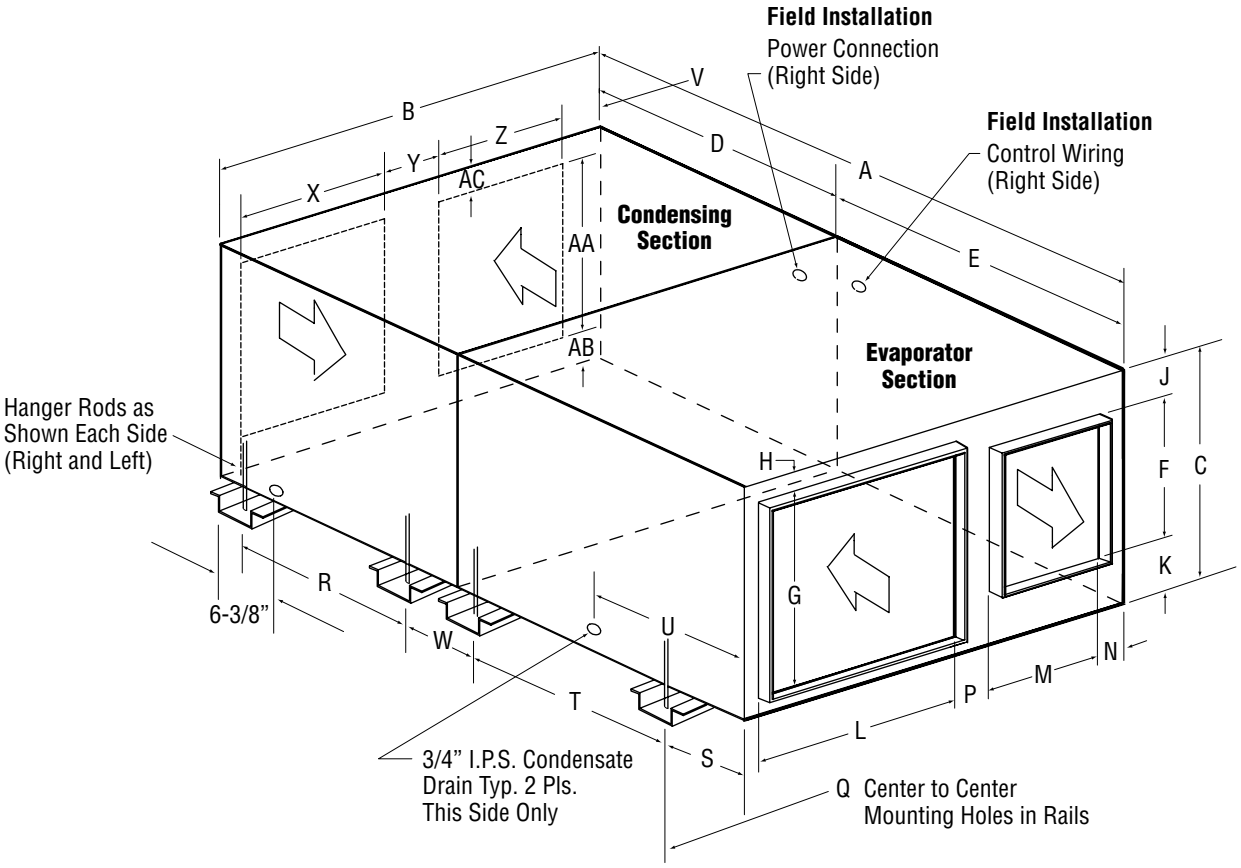


The C-Series Vertical Stacking Unit configuration is designed for installations where floor space is minimal, ceiling space is not available and standard vertical unit configurations will not work. Floor space is minimized by placing the evaporator section above the condensing section, This allows the unit to be placed into utility rooms, alcoves and equipment rooms.

Evaporator discharge air is available through the front, top or in a straight-through configuration (shown above). A rigid frame system supports the evaporator section.

The refrigerant system comes fully charged from the factory. Couplings allow the two sections to be assembled in the field without opening the refrigerant system. Interconnecting wiring is protected by a cover and a single-power supply can be utilized for the system.

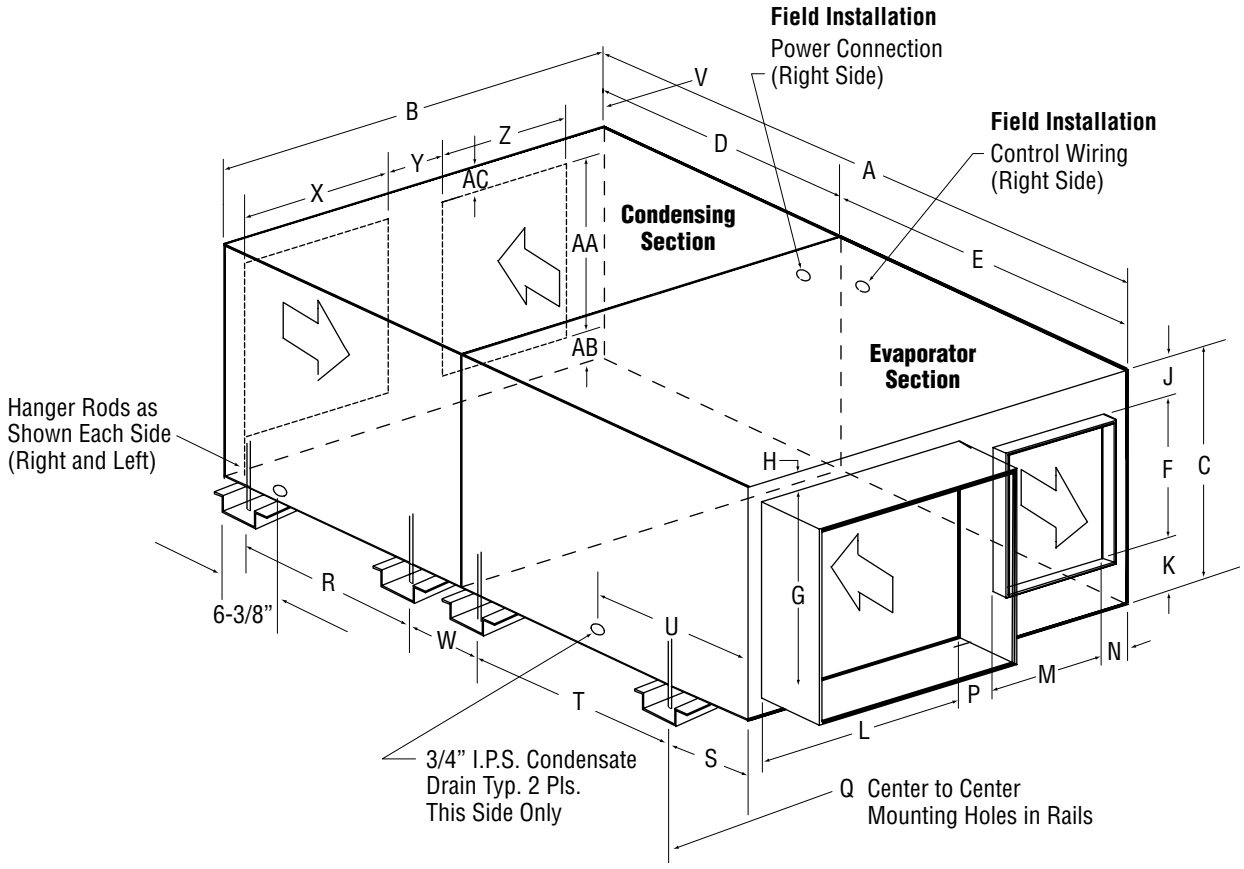
Vertical Stacked Units are available in air-cooled, water-cooled or heat pump configurations. A wide variety of options can also be included.



Note: Condensate drain must be piped in evaporator section.

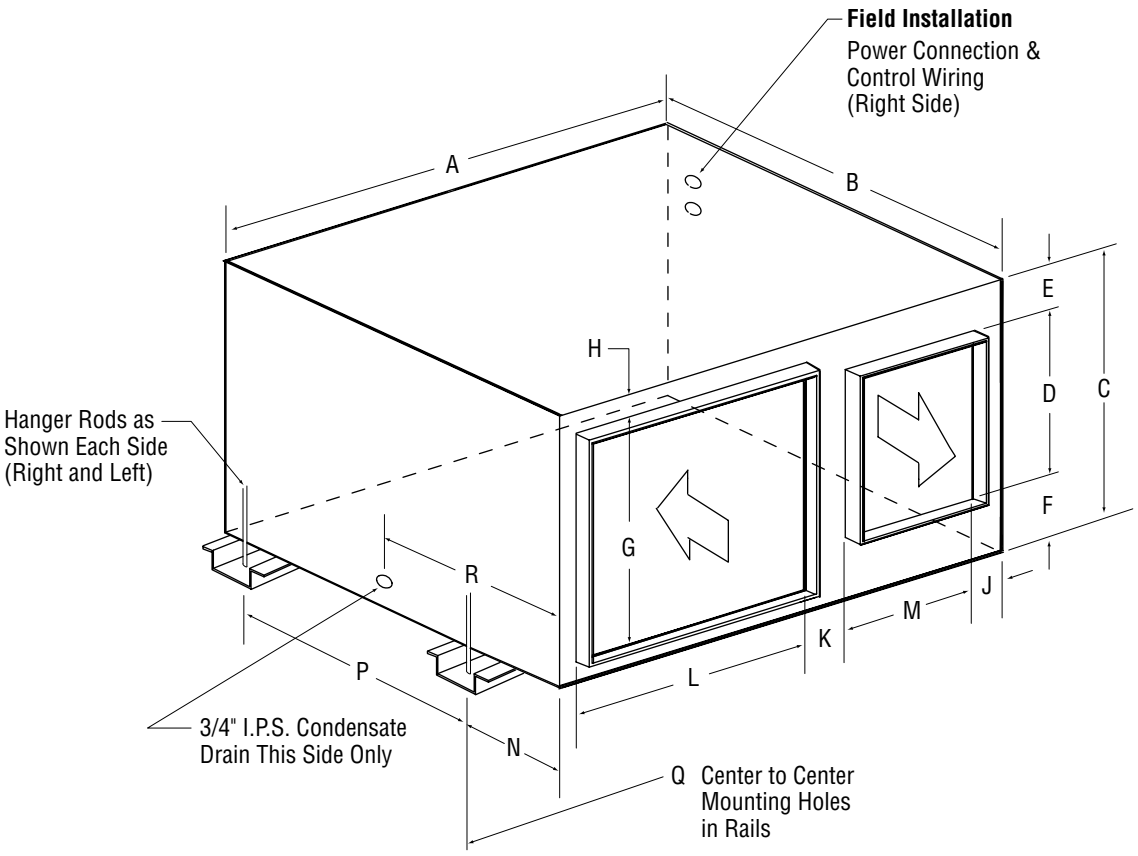
Nom. Tons	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC
1 and 1-1/2	51¾	35¹³⁄₁₆	16	29⅜	21⅞	12	12	1⅜	1	3	16	12	3⅞	2⅜	37⁵⁄₁₆	25¼	4⅝	15⁷⁄₃₂	14¹¹⁄₁₆	4⅞	4	12	6⅜	12	12	2⅝	1⅜
2 thru 5	66⅛	47¼	22	34¾	31⅜	16	18	1¼	¾	5¼	24	16	2⅞	2⅜	48⅝	21⁹⁄₁₆	7⅝	22¹⁄₁₆	20¹¹⁄₁₆	4⅛	4	16	10⅜	16	16	4¾	1¼
4 thru 8	71⅝	55¼	27	40¼	31⅜	18	23	1⅜	3¹¹⁄₁₆	5⁵⁄₁₆	32	16	2⅞	2⅜	56⅝	27³⁄₁₆	7⅝	22¹⁄₁₆	20¹¹⁄₁₆	3⁹⁄₁₆	4	18	15³⁄₁₆	18	20	4³⁄₁₆	2³⁄₁₆
10 thru 15	80⅞	70⅜	29	45⅛	35½	20	25	1⅜	2³⁄₁₆	6¹³⁄₁₆	38	18	1¹¹⁄₁₆	11¼	71⅝	32³⁄₃₂	7⅝	25⅞	21⅛	5⅜	4	30	14½	20	24	2½	2½

Air-Cooled Single Package with External Filter Box

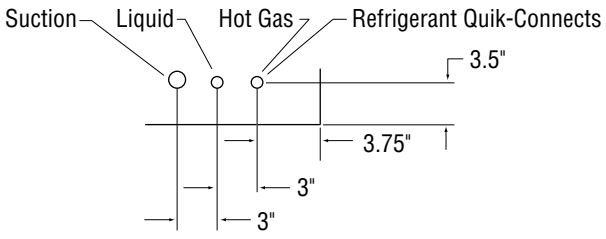


Note: Condensate drain must be piped in evaporator section.

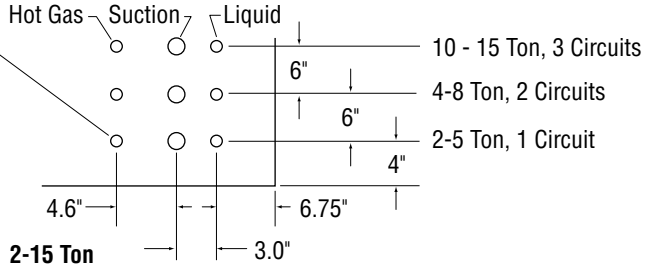
Nom. Tons	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD
1 and 1-1/2	51¾	35 13/16	16	29⅜	21⅞	12	12	1⅜	1	3	16	12	3⅞	2⅜	37 5/16	25¼	4⅝	15 7/32	14 11/16	4⅞	4	12	6⅜	12	12	2⅝	1⅜	5
2 thru 5	66⅛	47¼	22	34¾	31⅜	16	18	1¼	¾	5¼	24	16	2⅞	2⅜	48⅝	21 9/16	7 5/16	22 1/16	20 11/16	4⅛	4	16	10⅜	16	16	4¾	1¼	6
4 thru 8	71⅝	55¼	27	40¼	31⅜	18	23	1⅜	3 1/16	5 5/16	32	16	2⅞	2⅜	56⅝	27 3/16	7 5/16	22 1/16	20 11/16	3 9/16	4	18	15 3/16	18	20	4 3/16	2 3/16	6
10 thru 15	80⅞	70⅜	29	45⅛	35½	20	25	1⅜	2 3/16	6 13/16	38	18	1 11/16	11¼	71⅝	32 3/32	7 5/16	25⅞	21⅛	5⅜	4	30	14½	20	24	2½	2½	6



Note: Condensate drain must be trapped in evaporator section (except when equipped with a condensate pump)



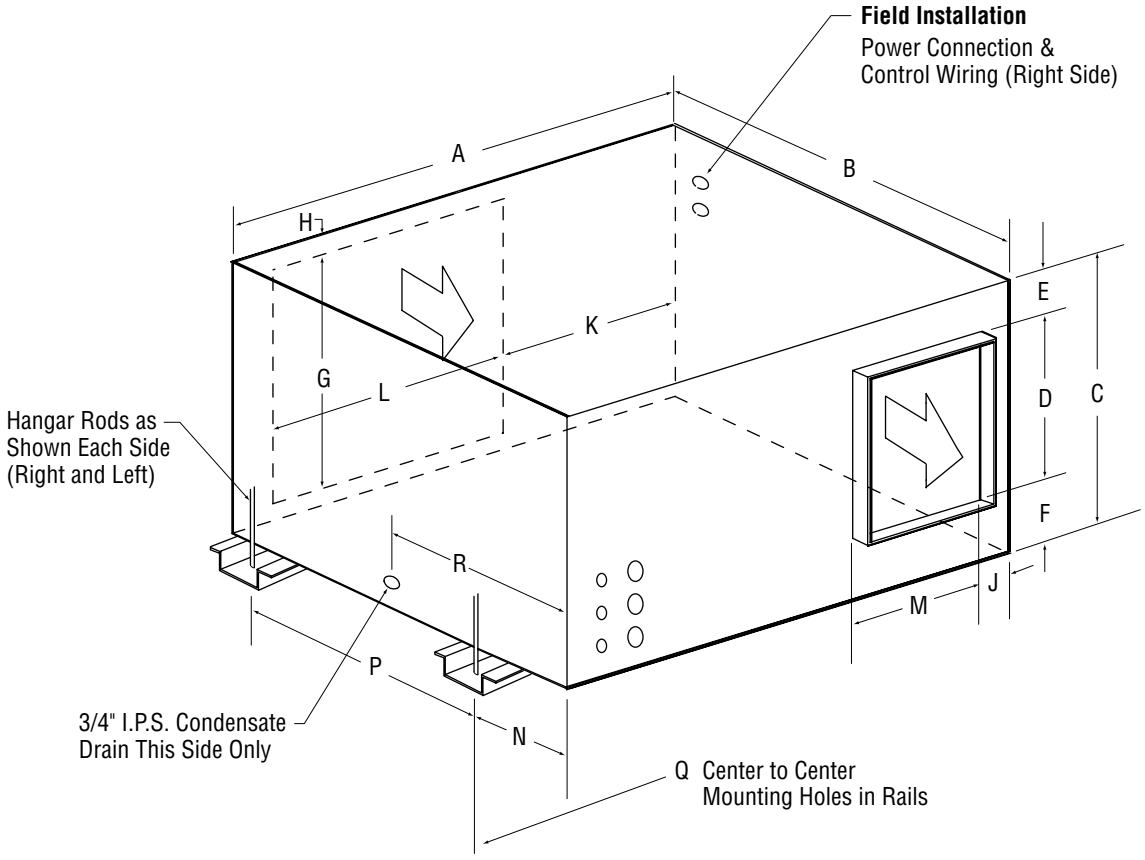
View A-A 1-1.5 Ton



View A-A 2-15 Ton

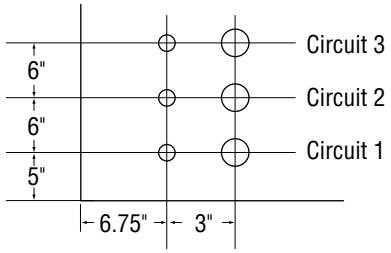
Nom. Tons	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
1 and 1-1/2	35 13/16	21 7/8	16	12	1	3	12	1 3/8	3 7/8	2 3/8	16	12	4 5/8	15 7/32	37 5/16	14 11/16
2 thru 5	47 1/4	31 3/8	22	16	3/4	5 1/4	18	1 1/4	2 7/8	2 3/8	24	16	7 5/16	22 1/16	48 5/8	20 11/16
4 thru 8	55 1/4	31 3/8	27	18	3 11/16	5 5/16	23	1 3/8	2 7/8	2 3/8	32	16	7 5/16	22 1/16	56 5/8	20 11/16
10 thru 15	70 3/8	35 1/2	29	20	2 3/16	6 13/16	25	1 3/8	1 11/16	11 1/4	38	18	7 5/16	25 7/8	71 5/8	21 1/8

Evaporator Section Straight-Thru Configuration



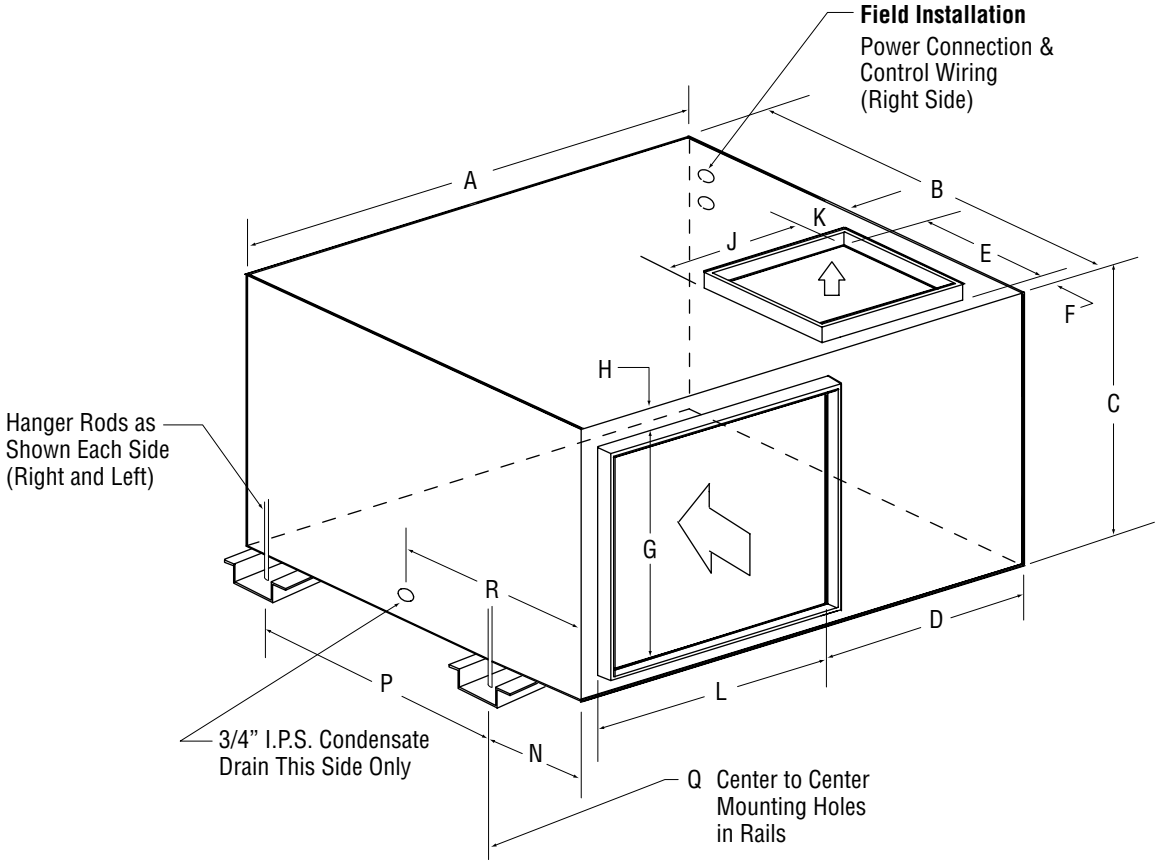
Note: Condensate drain must be trapped in evaporator section (except when equipped with a condensate pump)

Refrigeration Line Detail



Nom. Tons	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
1 and 1-1/2	35 13/16	21 7/8	16	12	1	3	12	1 3/8	3 7/8	18 1/4	16	12	4 5/8	15 7/32	37 5/16	14 11/16
2 thru 5	47 1/4	31 3/8	22	16	3/4	5 1/4	18	1 1/4	2 7/8	21 1/4	24	16	7 5/16	22 1/16	48 5/8	20 11/16
4 thru 8	55 1/4	31 3/8	27	18	3 11/16	5 5/16	23	1 3/8	2 7/8	21 1/4	32	16	7 5/16	22 1/16	56 5/8	20 11/16
10 thru 15	70 3/8	35 1/2	29	20	2 3/16	6 13/16	25	1 3/8	1 11/16	21 15/16	38	18	7 5/16	25 7/8	71 5/8	21 1/8

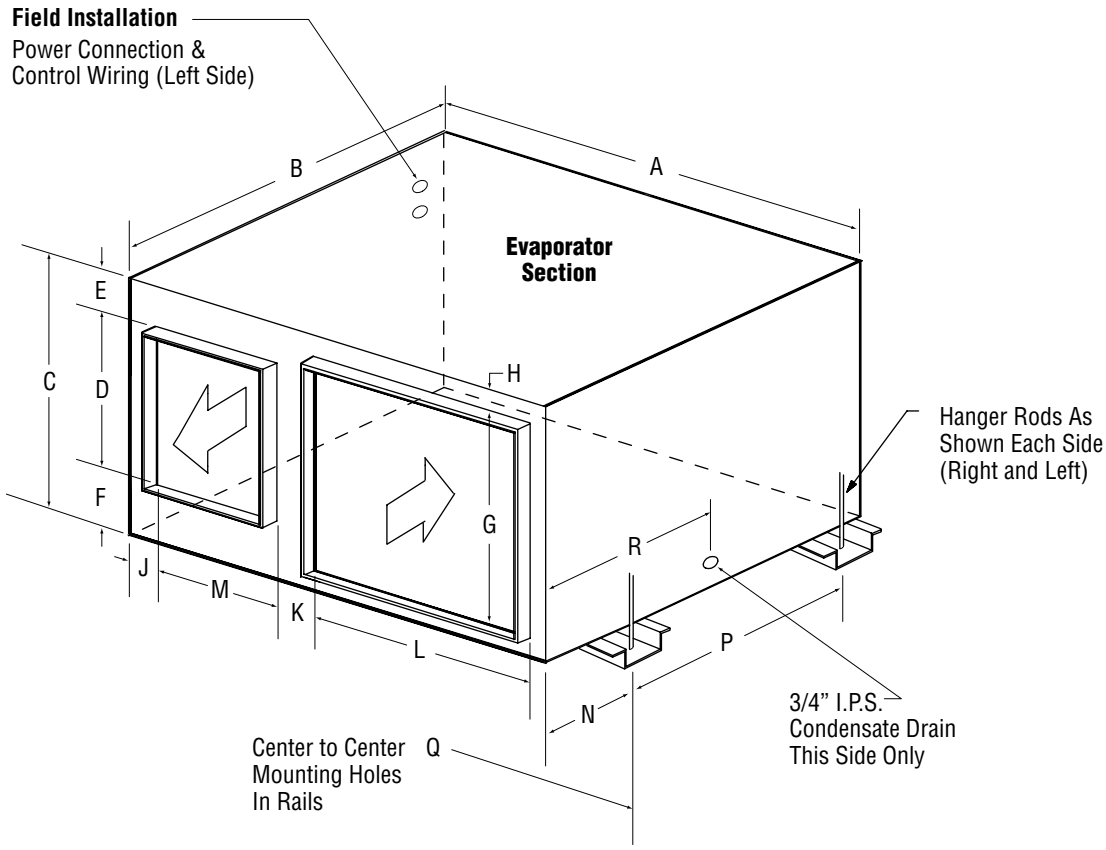
Evaporator Section with Top Discharge Configuration



Note: Condensate drain must be trapped in evaporator section (except when equipped with a condensate pump)

Nom. Tons	A	B	C	D	E	F	G	H	J	K	L	N	P	Q	R
1 and 1-1/2	35 13/16	21 7/8	16	18 1/4	12	1	12	1 3/8	12	3 7/8	16	4 5/8	15 7/32	37 5/16	14 11/16
2 thru 5	47 1/4	31 3/8	22	22 5/8	16	3/4	18	1 1/4	16	4 1/8	24	7 5/16	22 1/16	48 5/8	20 11/16
4 thru 8	55 1/4	31 3/8	27	21 1/4	16	3 11/16	23	1 3/8	18	4 3/8	32	7 5/16	22 1/16	56 5/8	20 11/16
10 thru 15	70 3/8	35 1/2	29	22 1/16	20	2 1/2	25	1 3/8	18	4 1/2	38	7 5/16	25 7/16	71 5/8	20 11/16

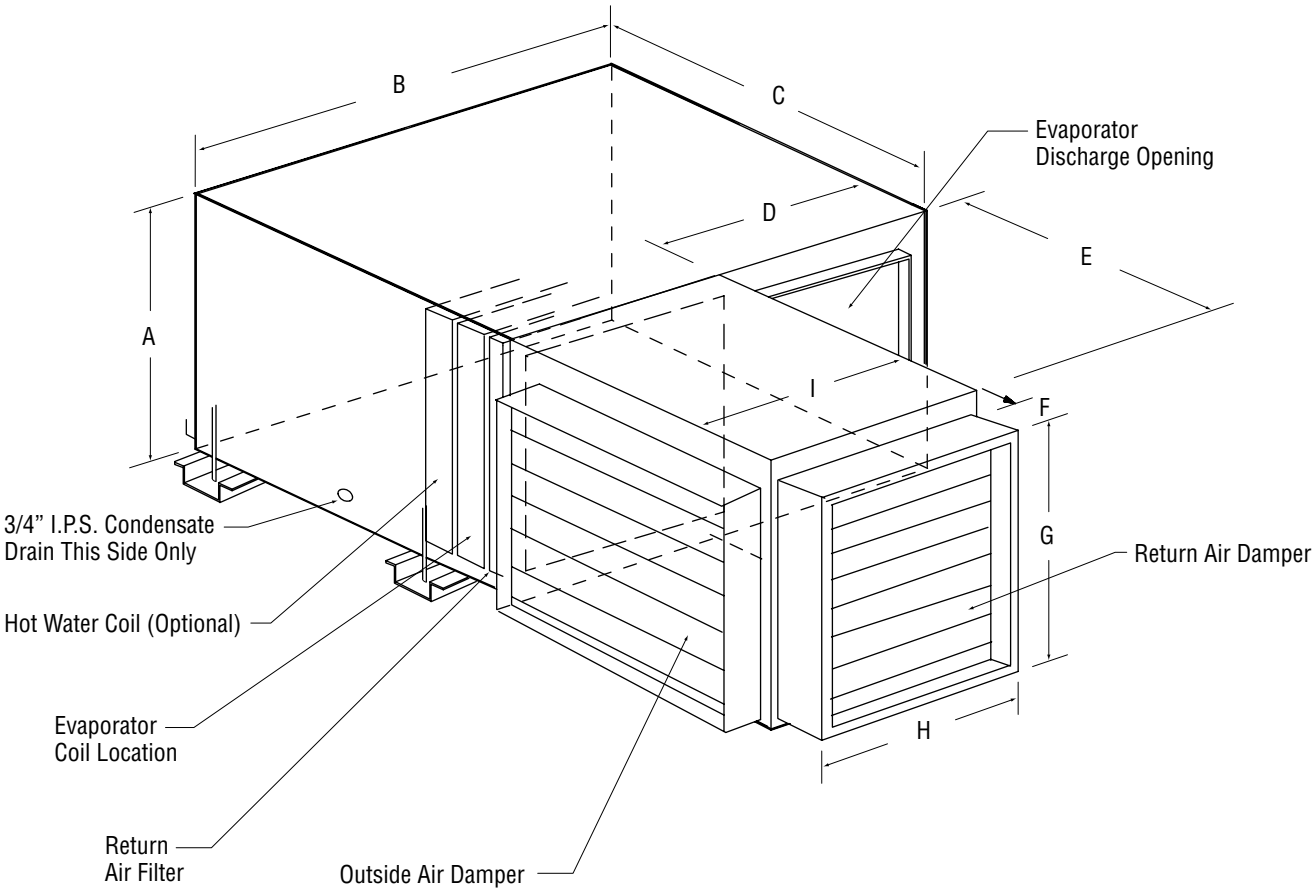
Evaporator Section Mirror-Image Configuration



Note: Condensate drain must be piped in evaporator section

Nom. Tons	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
1 and 1-1/2	35 13/16	21 7/8	16	12	1	3	12	1 3/8	3 7/8	2 3/8	16	12	4 5/8	15 7/32	37 5/16	14 11/16
2 thru 5	47 1/4	31 3/8	22	16	3/4	5 1/4	18	1 1/4	2 7/8	2 3/8	24	16	7 5/16	22 1/16	48 5/8	20 11/16
4 thru 8	55 1/4	31 3/8	27	18	3 11/16	5 5/16	23	1 3/8	2 7/8	2 3/8	32	16	7 5/16	22 1/16	56 5/8	20 11/16
10 thru 15	70 3/8	35 1/2	29	20	2 3/16	6 13/16	25	1 3/8	1 11/16	11 1/4	38	18	7 5/16	25 7/8	71 5/8	21 1/8

Evaporator Section with 1/2 Mixing Box/Economizer



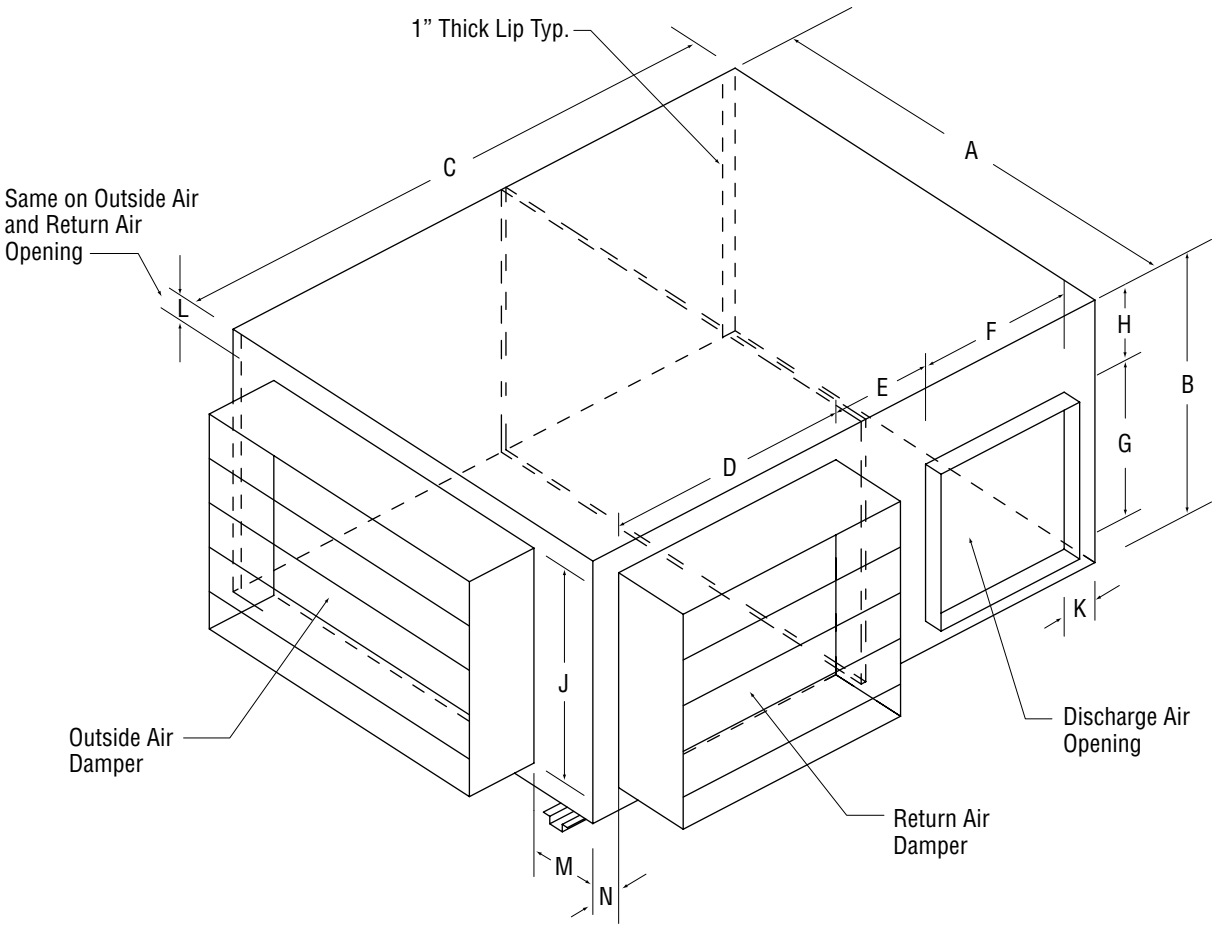
Note:

1. One end of the mixing box will be attached to the main unit. The opposite end will have a bottom rail for hanging

2. Return air and the outside air opening will have the same dimensions

Nom. Tons	A	B	C	D	E	F	G	H	I
1 and 1-1/2	16	36	22.1	17.9	20	6	12	15	18.1
2 thru 5	22	47.3	31.4	20.6	28.3	6	18	24	26.7
4 thru 8	27	55.3	31.4	21.2	34	6	24	30	34.1
10 thru 15	29	70.6	35.4	28.5	42	6	25	38	42.1

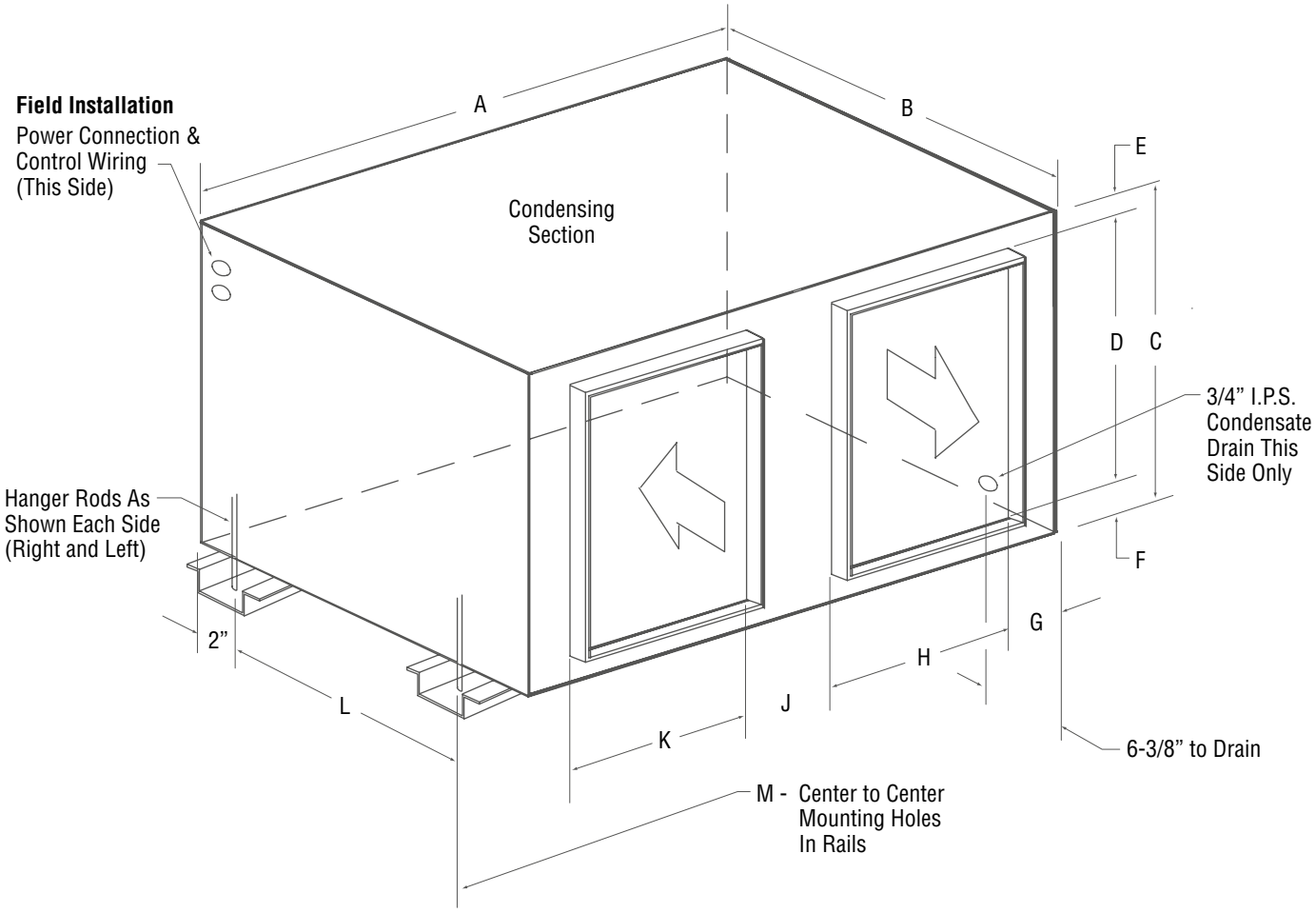
Full Mixing Box/Economizer



Note: The outside are opening and the return air opening have the same dimensions.

Nom. Tons	A	B	C	D	E	F	G	H	J	K	L	M	N
1 and 1-1/2	21⅞	16	35¹³⁄₁₆	15¼	2⅜	12	12	1	12¼	3⅞	2	3⁵⁄₁₆	2⁵⁄₁₆
2 thru 5	31⅜	22	47¼	24¼	2⅜	16	16	¾	18¼	2⅞	2	3⁹⁄₁₆	1¾
4 thru 8	31⅜	27	55¼	30¼	2⅜	16	18	3¹¹⁄₁₆	24¼	2⅞	1¼	5	3¾
10 thru 15	35½	29	70⅜	38¼	11	18	20	2⅜	25¼	1¹¹⁄₁₆	2	3½	1⅞

Condensing Section Mirror Image Configuration

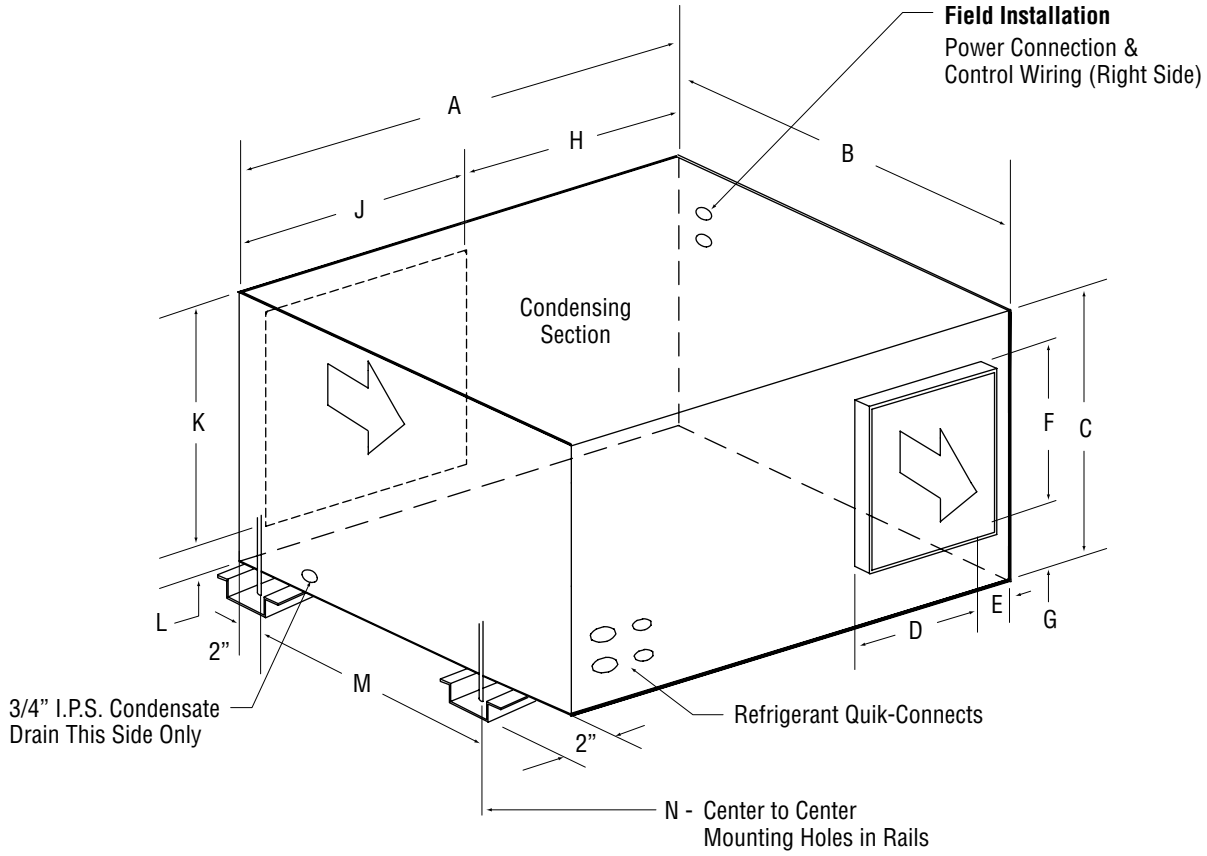


Note: Condensate drain must be piped in condenser section when installed outdoors

Nom. Tons	A	B	C	D	E	F	G	H	J	K	L	M
1 and 1-1/2	35 13/16	29 3/8	16	12	1 1/4	2 1/4	4 7/8	12	6 1/4	12	25 1/4	37 5/16
2 thru 5	47 1/4	34 3/4	22	16	1 1/4	4 3/4	4 1/8	16	10 3/8	16	21 9/16	48 5/8
4 thru 8	55 1/4	40 1/4	27	20	2 3/16	4 13/16	3 9/16	18	15 3/16	18	27 3/16	56 5/8
10 thru 15	70 3/8	45 1/8	29	24	1 1/4	2 3/4	3 9/16	20	12 1/8	30	32 3/32	71 5/8

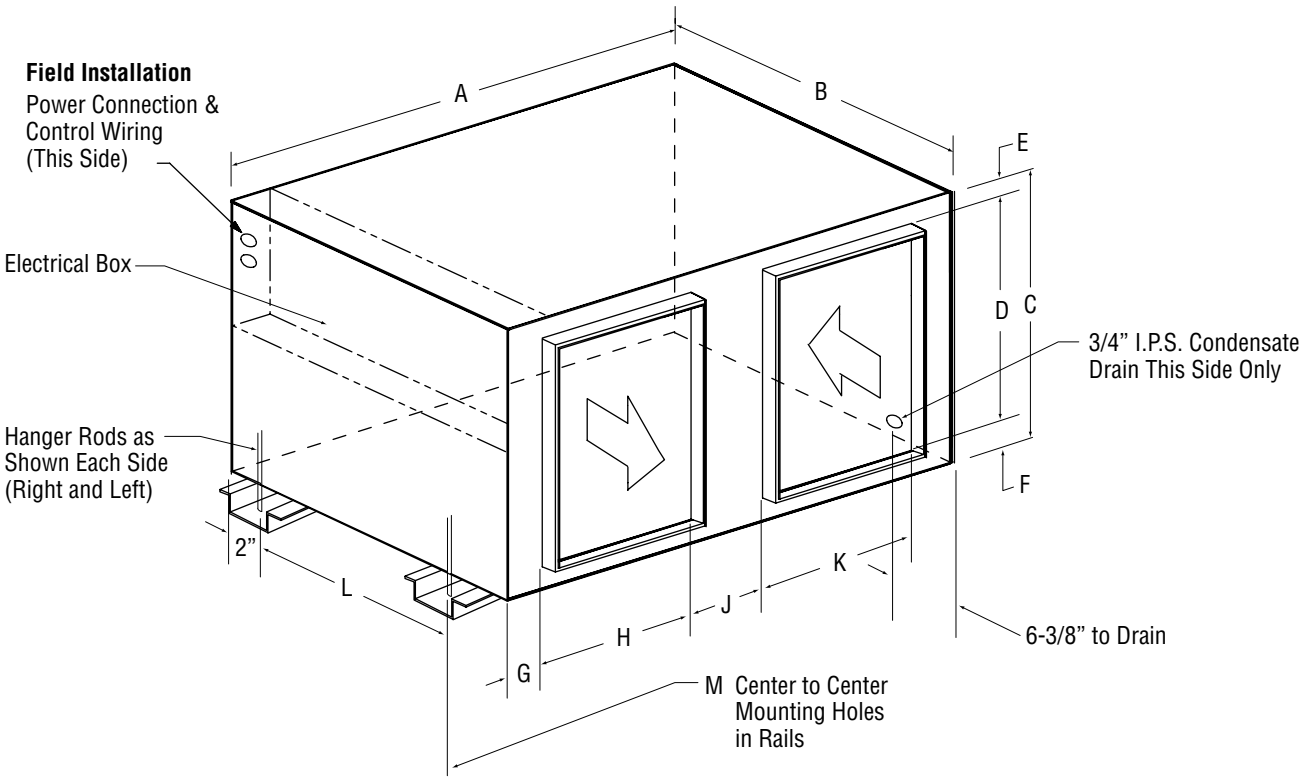
Condensing Section Straight-Thru Configuration

Rear Discharge



Nom. Tons	A	B	C	D	E	F	G	H	J	K	L	M	N
1 and 1-1/2	35 13/16	29 3/8	16	12	4 7/8	12	2 1/4	23 1/8	12	12	2 1/4	25 1/4	37 5/16
2 thru 5	47 1/4	34 3/4	22	16	4 1/8	16	4 3/4	30 1/2	16	16	4 3/4	21 9/16	48 5/8
4 thru 8	55 1/4	40 1/4	27	20	3 9/16	18	4 13/16	36 3/4	18	20	4 13/16	27 3/16	56 5/8
10 thru 15	70 3/8	45 1/8	29	24	3 9/16	20	2 3/4	35 11/16	30	24	2 3/4	32 3/32	71 5/8

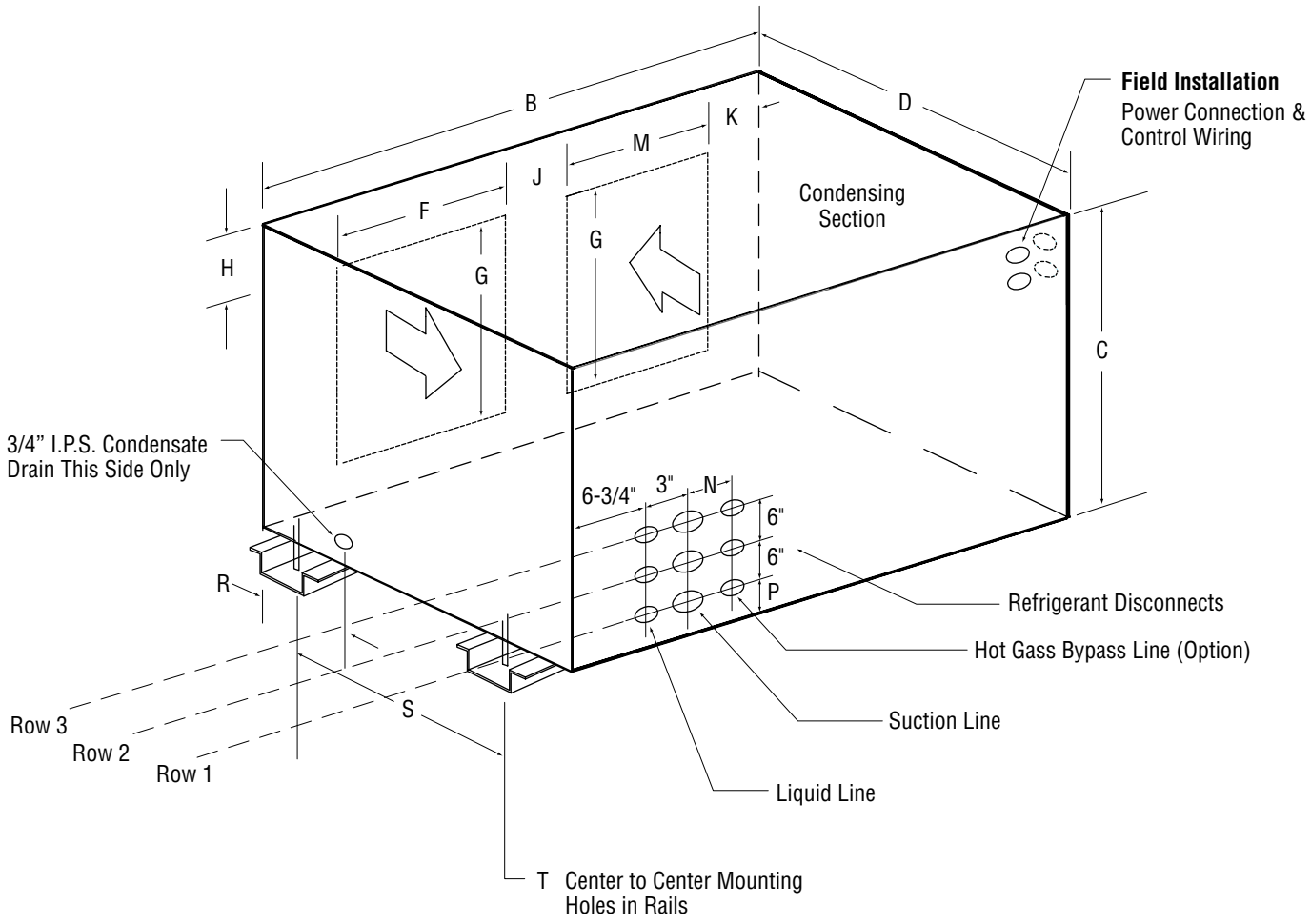
Air-Cooled Condenser/Condensing Section



Note: Condensate drain must be piped in condenser section when installed outdoors.

Nom. Tons	A	B	C	D	E	F	G	H	J	K	L	M
1 and 1-1/2	35 13/16	29 3/8	16	12	1 1/4	2 1/2	4 7/8	12	6 1/4	12	25 1/4	37 5/16
2 thru 5	47 1/4	34 3/4	22	16	1 1/4	4 3/4	4 1/8	16	10 3/8	16	21 9/16	48 5/8
4 thru 8	55 1/4	40 1/4	27	20	2 3/16	4 13/16	3 9/16	18	15 3/16	18	27 3/16	56 5/8
10 thru 15	70 3/8	45 1/8	29	24	1 1/4	2 3/4	3 9/16	20	12 1/8	30	32 3/32	71 5/8

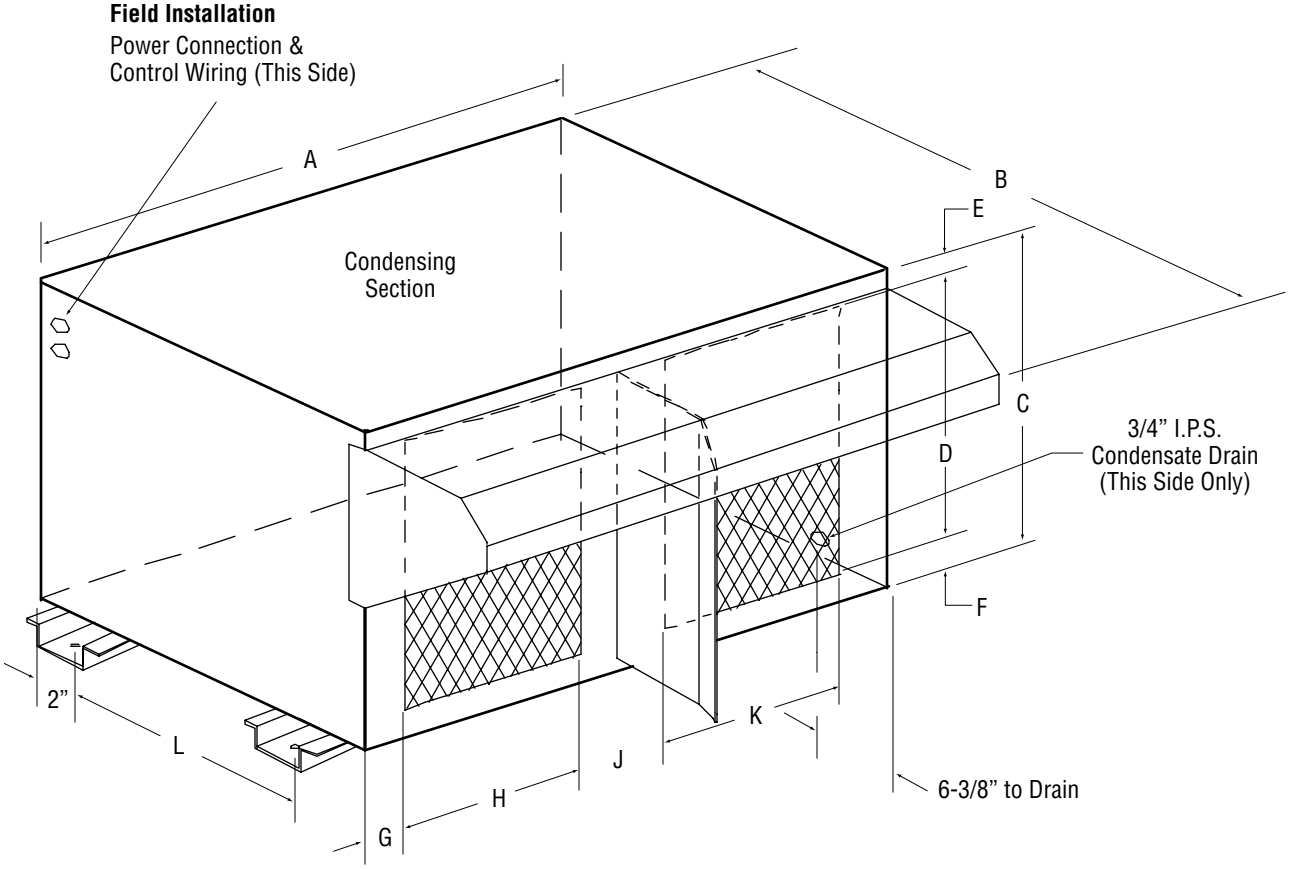
Air-Cooled Condenser/Condensing Section (Rear View)



Nom. Tons	B	C	D	F	G	H	J	K	M	N	P	R	S	T	Piping Outlet Locations
1 and 1-1/2, Single Circuit	35 13/16	16	29 3/8	12	12	1 1/4	6 3/8	4 7/8	12	3	4 1/2	6 3/8	25 1/4	37 5/16	Row 1
2 thru 5, Single Circuit	47 1/4	22	34 3/4	16	16	1 1/4	10 3/8	4 1/8	16	4 1/2	5	6 3/8	21 9/16	48 5/8	Row 1
4 thru 8, Dual Circuit	55 1/4	27	40 1/4	18	20	2 3/16	15 3/16	3 3/16	18	4 1/2	5	6 3/8	27 3/16	56 5/8	Row 1 & 2
10, Dual Circuit	70 3/8	29	45 1/8	30	24	2 1/2	14 1/2	5 1/2	20	4 1/2	5	6 3/8	32 3/32	71 5/8	Row 1 & 3
15, Dual Circuit	70 3/8	29	45 1/8	30	24	2 1/2	14 1/2	5 1/2	20	4 1/2	5	6 3/8	32 3/32	71 5/8	Row 1, 2 & 3

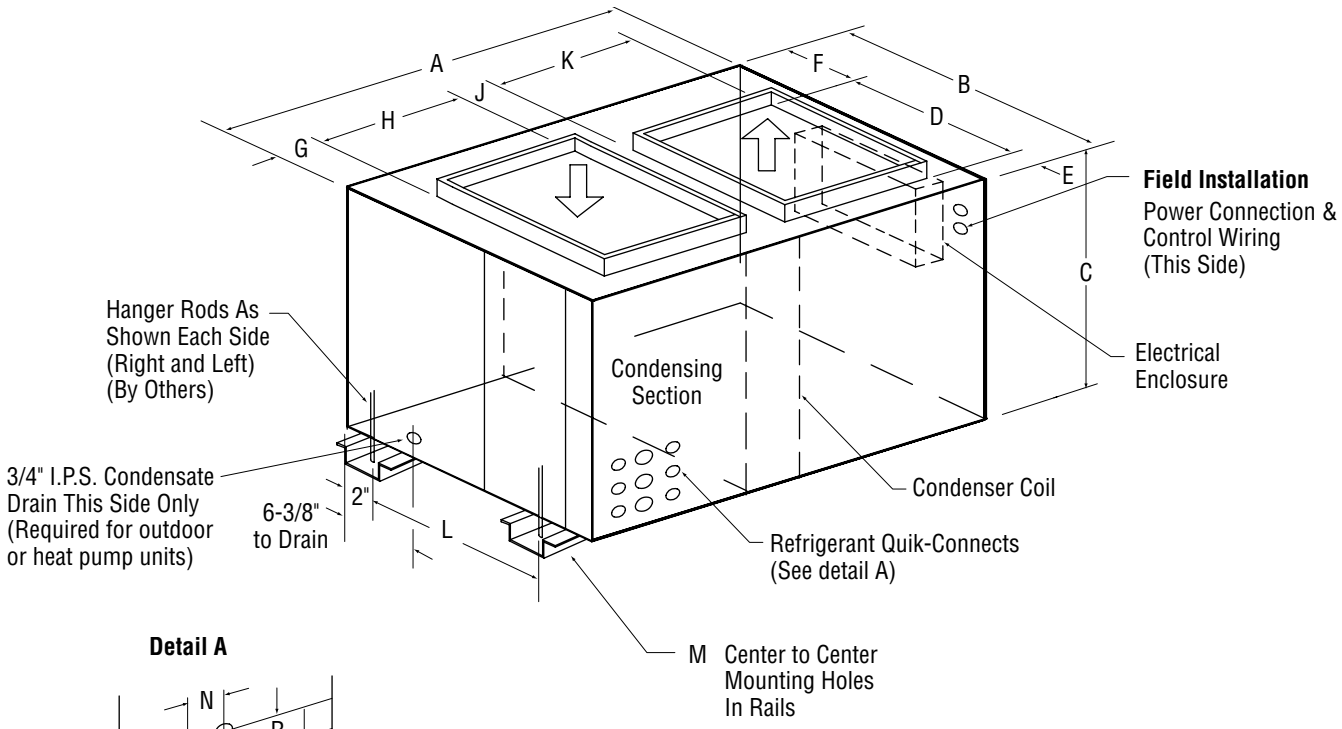
Air-Cooled Condenser/Condensing Section
with Optional Outdoor Modification Kit

Field Installation

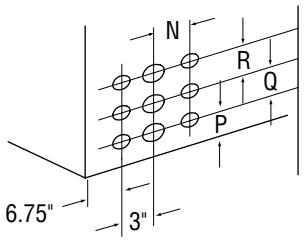


Nom. Tons	A	B	C	D	E	F	G	H	J	K	L
1 and 1-1/2	35 13/16	29 3/8	16	12	1 1/4	2 1/2	4 7/8	12	6 1/4	12	25 1/4
2 thru 5	47 1/4	34 3/4	22	16	1 1/4	4 3/4	4 1/8	16	10 3/8	16	21 9/16
4 thru 8	55 1/4	40 1/4	27	20	2 3/16	4 13/16	3 9/16	18	15 3/16	18	27 3/16
10 thru 15	70 3/8	45 1/8	29	24	1 1/4	2 3/4	3 9/16	20	12 1/8	30	32 3/32

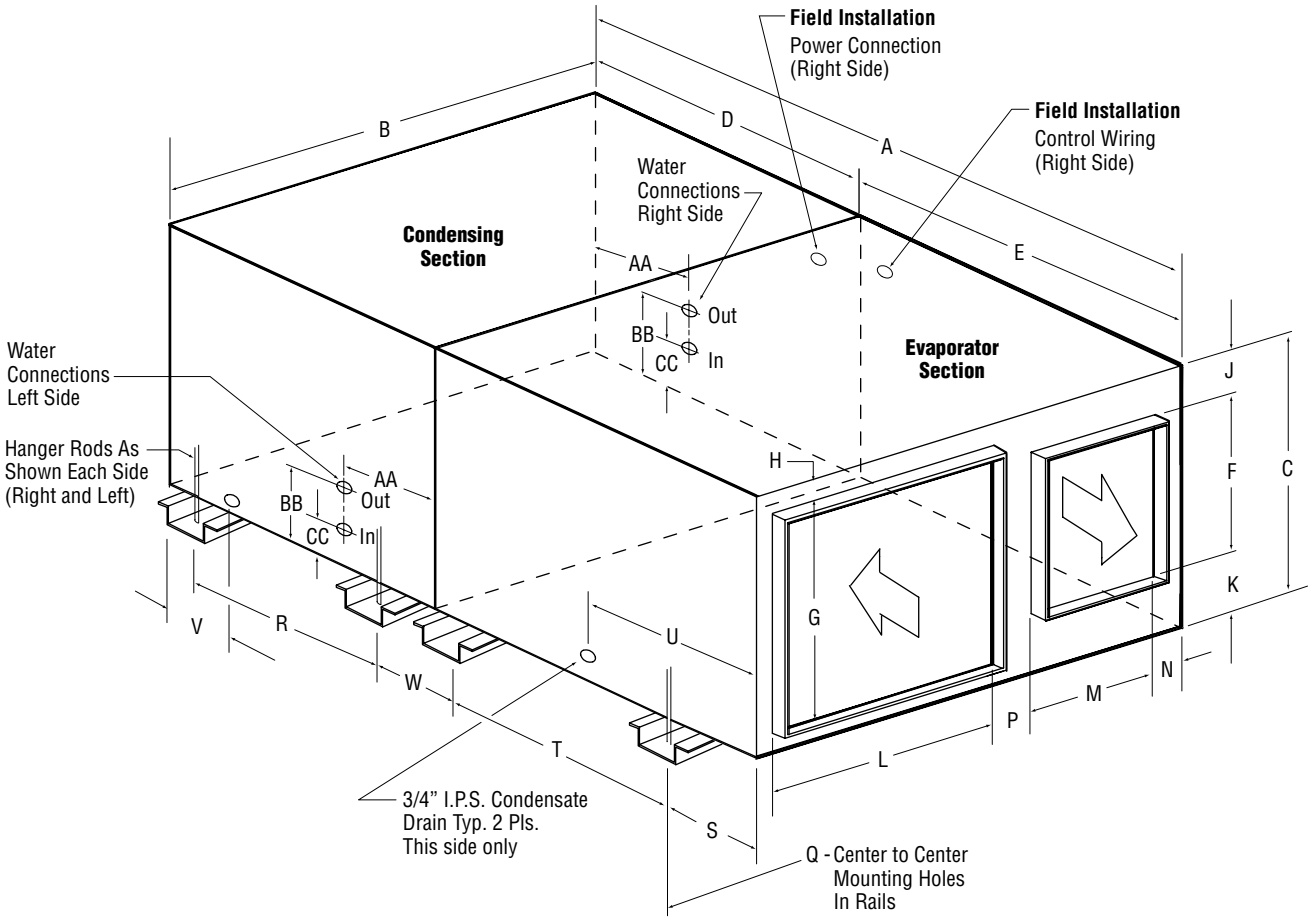
Air-Cooled Condenser/Condensing Section
with Top Inlet and Top Discharge



Detail A



Nom. Tons	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
1 and 1-1/2	35 13/16	29 3/8	16	12	1 1/4	2 1/4	4 7/8	12	6 1/4	12	25 1/4	37 5/16	3	4 1/2	N/A	N/A
2 thru 5	47 1/4	34 3/4	22	16	1 1/4	4 3/4	4 1/8	16	10 3/8	16	21 9/16	48 5/8	4 1/2	5	N/A	N/A
4 thru 8	55 1/4	40 1/4	27	20	2 3/16	4 13/16	3 9/16	18	15 3/16	18	27 3/16	56 5/8	4 1/2	5	6	N/A
10 thru 15	70 3/8	45 1/8	29	24	1 1/4	2 3/4	3 9/16	20	12 1/8	30	32 3/32	71 1/8	4 1/2	5	6	6

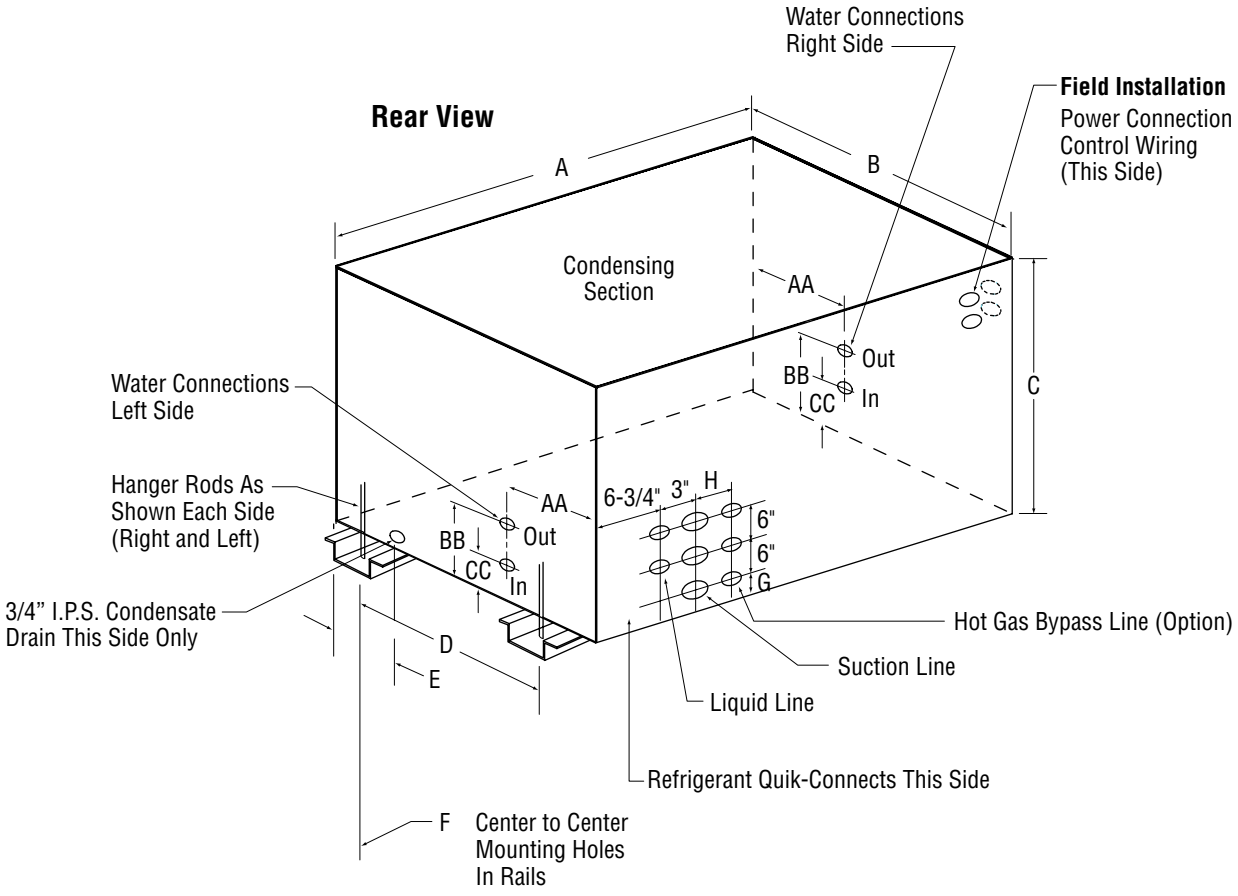


Note: Condensate drain must be piped in condensing section and trapped in evaporator section (except when equipped with a condensate pump)

Nom. Tons	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W
1 and 1-1/2	51¾	35 13/16	16	29⅜	21⅞	12	12	1⅜	1	3	16	12	3⅞	2⅜	37 5/16	25¼	4⅝	15 7/32	14 11/16	6⅜	5⅛
2 thru 5	66⅛	47¼	22	34¾	31⅜	16	18	1¼	¾	5¼	24	16	2⅞	2⅜	48⅝	21 9/16	7 5/16	22 1/16	20 11/16	6⅜	4
4 thru 8	71⅝	55¼	27	40¼	31⅜	18	23	1⅜	3 1/16	5 5/16	32	16	2⅞	2⅜	56⅝	27 3/16	7 5/16	22 1/16	20 11/16	6⅜	4
10 thru 15	80⅞	70⅜	29	45⅛	35½	20	25	1⅜	2 3/16	6 13/16	38	18	1 1/16	11¼	71⅝	32 3/32	7 5/16	25⅞	21⅛	6⅜	4

	Water Connections				
Unit	**AA**	**BB**	**CC**	**Pipe Size**	**Side**
1 and 1½ Ton	6½	10	6	In and Out ⅞ O.D.	Left
2 thru 5 Ton	8¼	12	6⅛	In and Out 1⅛ O.D.	Left
4 thru 8 Ton	13	12	6⅛	In and Out 1⅛ O.D.	Right
10 thru 15 Ton	13	12	6⅛	In and Out 1⅜ O.D.	Right

Water-Cooled Condensing Section

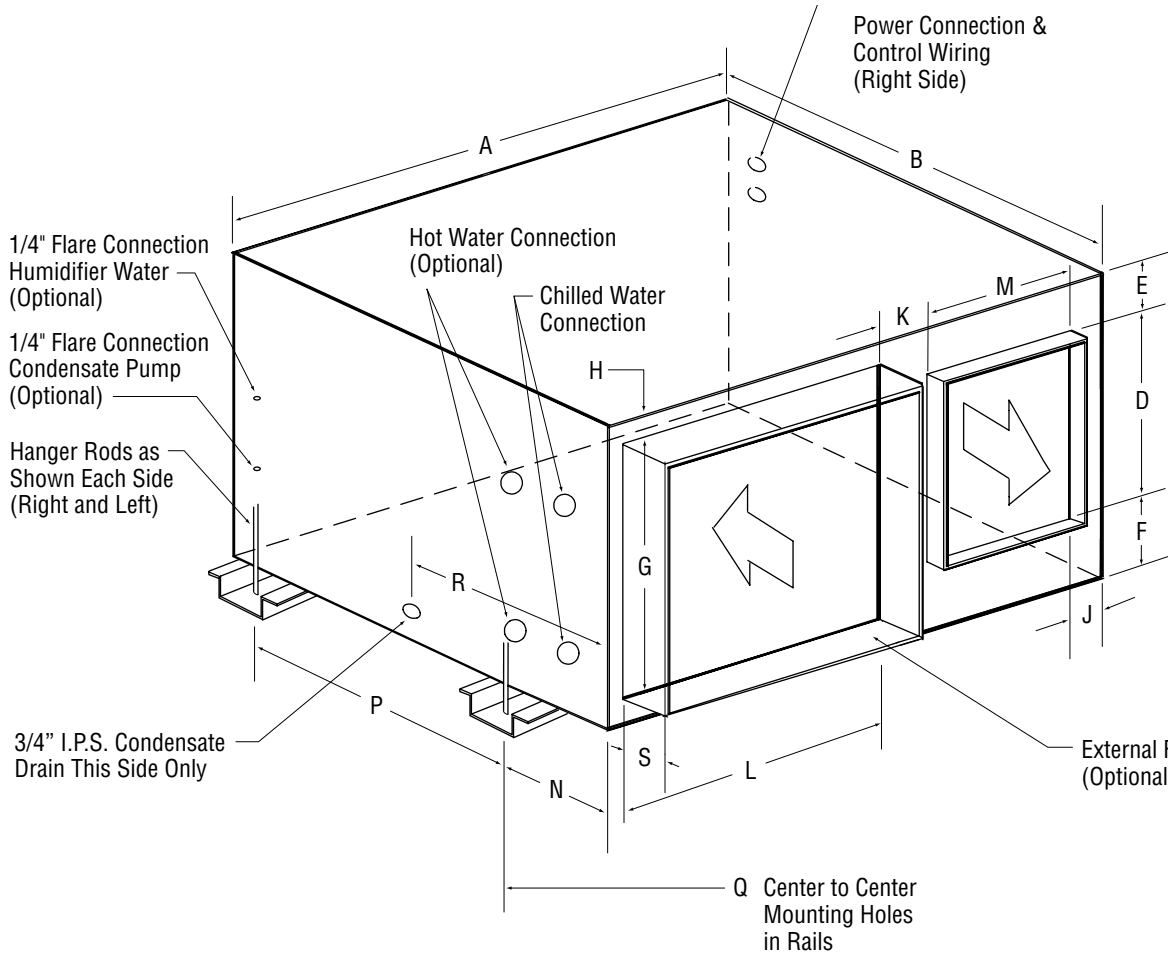


Note: Condensate drain must be piped

Nom. Tons	A	B	C	D	E	F	G	H
1 and 1-1/2	35 13/16	29 3/8	16	25 1/4	6 3/8	37 5/16	4 1/2	3
2 thru 5	47 1/4	34 3/4	22	21 9/16	6 3/8	48 5/8	5	4 1/2
4 thru 8	55 1/4	40 1/4	27	27 3/16	6 3/8	56 5/8	5	4 1/2
10 thru 15	70 3/8	45 1/8	29	32 3/32	6 3/8	71 5/8	5	4 1/2

	Water Connections				
Unit	AA	BB	CC	Pipe Size	Side
1 and 1½ Ton	6½	10	6	In and Out 7/8 O.D.	Left
2 thru 5 Ton	8¼	12	6⅛	In and Out 1⅛ O.D.	Left
4 thru 8 Ton	13	12	6⅛	In and Out 1⅛ O.D.	Right
10 thru 15 Ton	13	12	6⅛	In and Out 1⅜ O.D.	Right

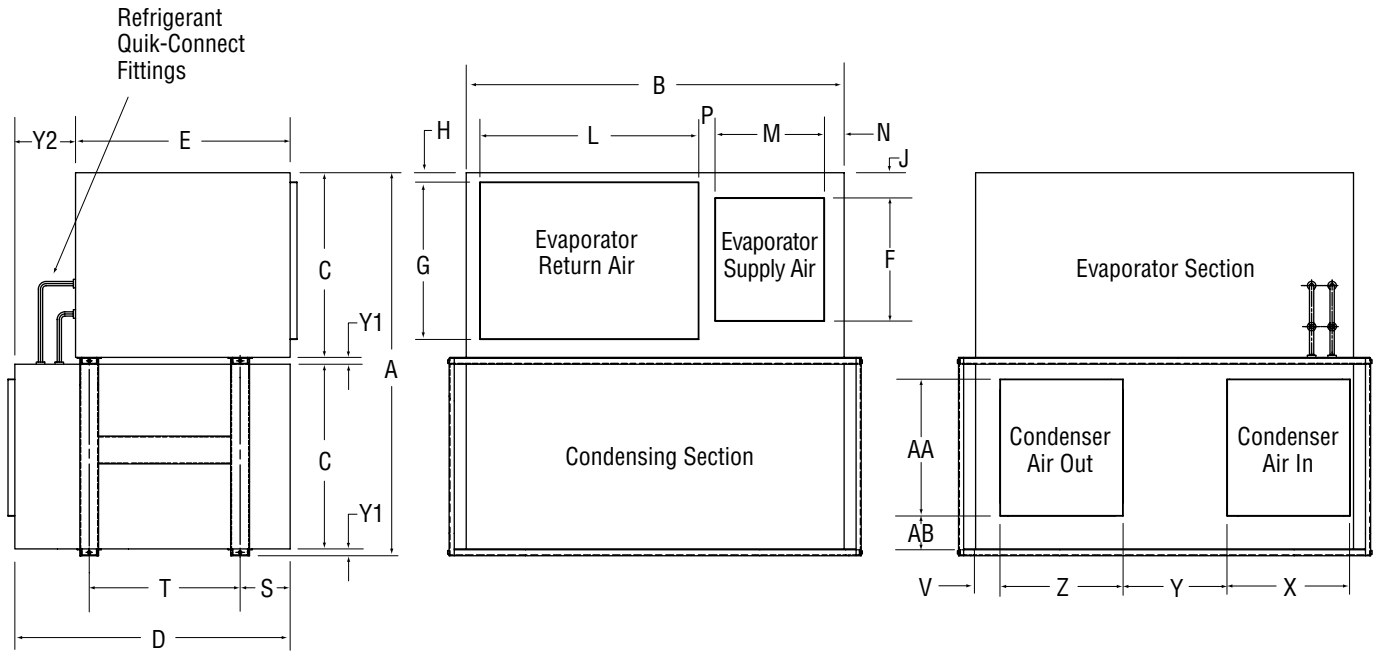
Chilled Water Section with External Filter Box



Note: Condensate drain must be trapped in evaporator section (except when equipped with a condensate pump)

Cabinet Size	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
A	35 13/16	21 7/8	16	12	1	3	12	1 3/8	3 7/8	2 3/8	16	12	4 5/8	15 7/32	37 5/16	14 11/16	5
B	47 1/4	31 3/8	22	16	3/4	5 1/4	18	1 1/4	2 7/8	2 3/8	24	16	7 5/16	22 1/16	48 5/8	20 11/16	6
C	55 1/4	31 3/8	27	18	3 11/16	5 5/16	23	1 3/8	2 7/8	2 3/8	32	16	7 5/16	22 1/16	56 5/8	20 11/16	6
D	70 3/8	35 1/2	29	20	2 3/16	6 13/16	25	1 3/8	1 11/16	11 1/4	38	18	7 5/16	25 7/8	71 5/8	21 1/8	6

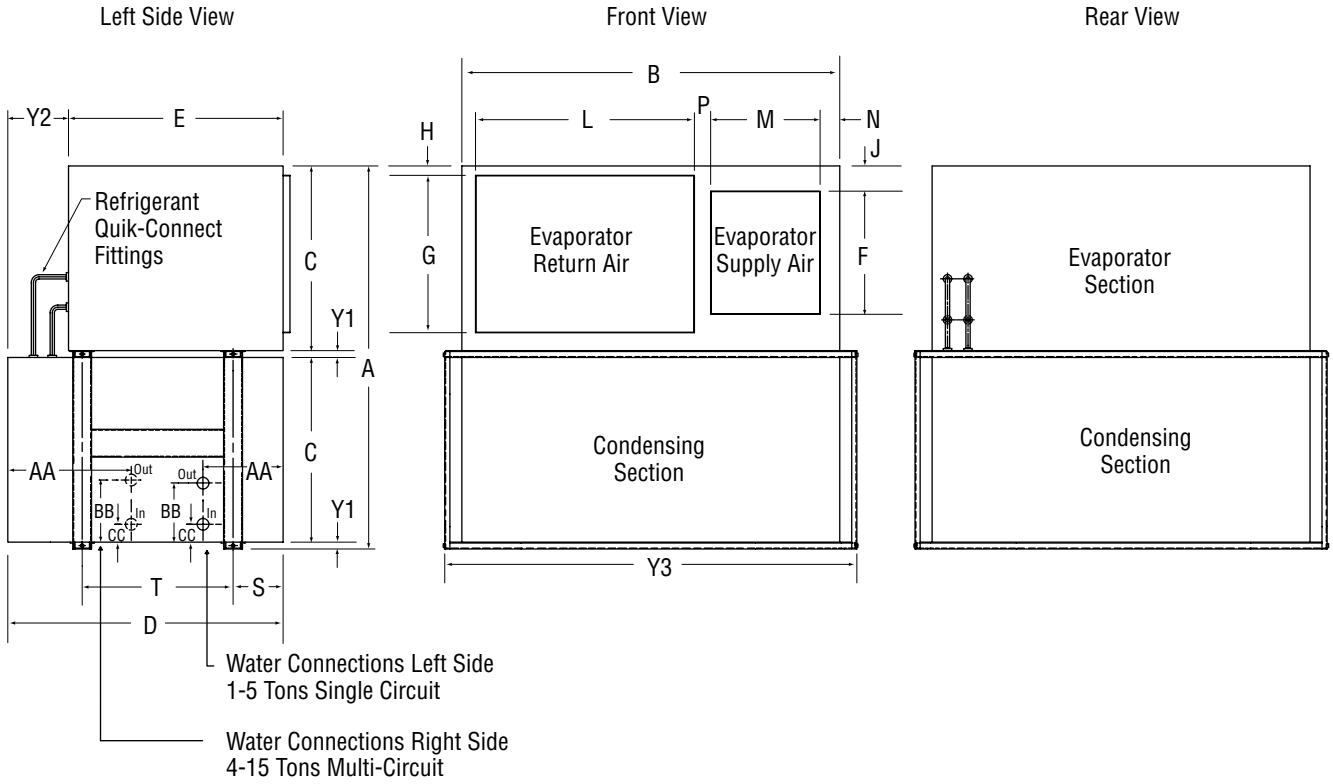
Air-Cooled Vertical Stack Configuration



Left Side View **Front View** **Rear View**

Nom. Tons	A	B	C	D	E	F	G	H	J	L	M	N	P	S	T	V	X	Y	Z	Y1	Y2	AA	AB
1 and 1-1/2	34	35 13/16	16	29 3/8	21 7/8	12	12	1 3/8	1	16	12	3 7/8	2 3/8	4 5/8	15 7/32	4 7/8	12	6 3/8	12	1	7 1/2	12	2 5/8
2 thru 5	46	47 1/4	22	34 3/4	31 3/8	16	18	1 1/4	3/4	24	16	2 7/8	2 3/8	7 5/16	22 1/16	4 1/8	16	10 3/8	16	1	3 3/8	16	4 3/4
4 thru 8	56	55 1/4	27	40 1/4	31 3/8	18	23	1 3/8	3 11/16	32	16	2 7/8	2 3/8	7 5/16	22 1/16	3 9/16	18	15 3/16	18	1	8 7/8	20	4 3/16
10 thru 15	60	70 3/8	29	45 1/8	35 1/2	20	25	1 3/8	2 3/16	38	18	1 11/16	11 1/4	7 5/16	25 7/8	5 3/8	30	14 1/2	20	1	9 5/8	24	2 1/2

Water-Cooled Vertical Stack Configuration



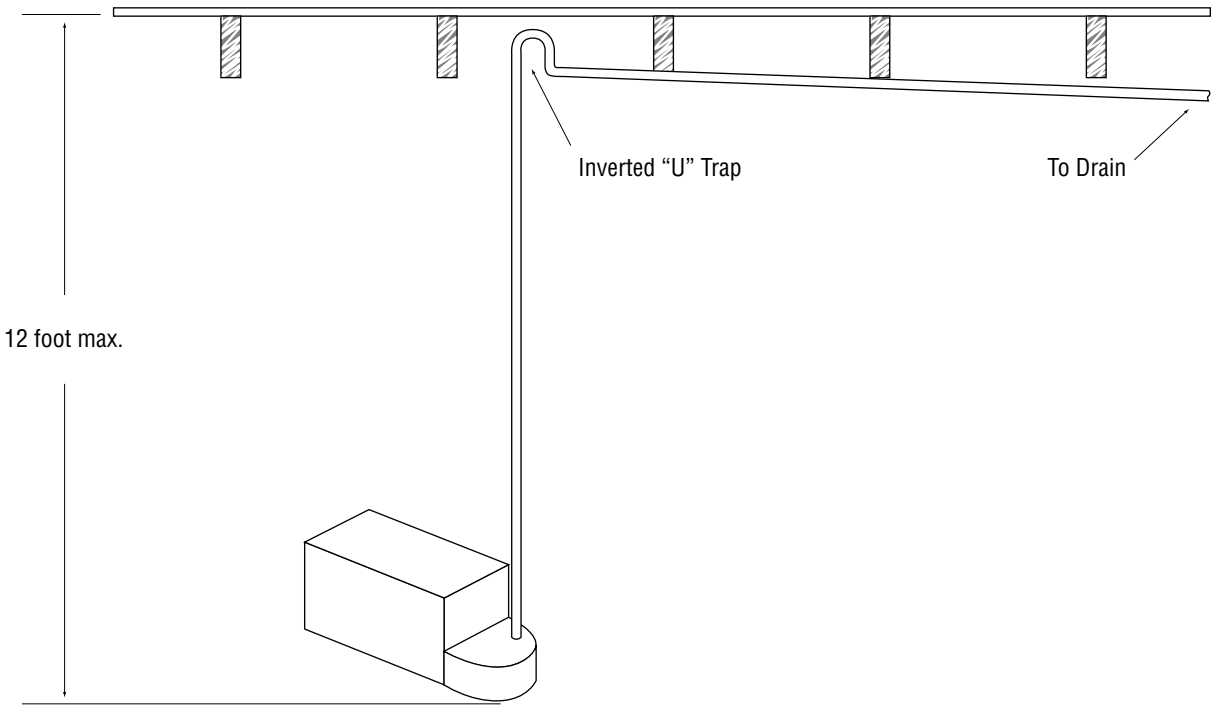
Nom. Tons	A	B	C	D	E	F	G	H	J	L	M	N	P	S	T	U	V	Y1	Y2	Y3
1 and 1-1/2	34	35 13/16	16	29 3/8	21 7/8	12	12	1 3/8	1	16	12	3 7/8	2 3/8	4 5/8	15 7/32	14 11/16	4 7/8	1	7 1/2	40 1/2
2 thru 5	46	47 1/4	22	34 3/4	31 3/8	16	18	1 1/4	3/4	24	16	2 7/8	2 3/8	7 5/16	22 1/16	20 11/16	4 1/8	1	3 3/8	52
4 thru 8	56	55 1/4	27	40 1/4	31 3/8	18	23	1 3/8	3 11/16	32	16	2 7/8	2 3/8	7 5/16	22 1/16	20 11/16	3 9/16	1	8 7/8	60
10 thru 15	60	70 3/8	29	45 1/8	35 1/2	20	25	1 3/8	2 3/16	38	18	1 11/16	11 1/4	7 5/16	25 7/8	21 1/8	5 3/8	1	9 5/8	75

Condensate Pump and Trap

Condensate Pump

A condensate pump can be factory installed and wired in the evaporator drain pan without need for a separate power source. Raise the tubing to the highest possible point above the pump (maximum 12 feet). A 4 ft. rise delivers 50 GPH; a 10 ft. rise delivers 15 GPH. Form an inverted "U" trap as shown in Figure 2 below. This helps to prevent backward siphoning, which causes excessive pump cycling.

CAUTION: Flexible tubing (1/4" ID) should be supported to prevent kinking and possible pump damage.



Water Side Economizer

A water side economizer is available in water-cooled units. This consists of a temperature actuated valve and a coil. Refer to the piping schematics for an illustration. An external filter box must be added to the unit when a water-side economizer is utilized.

Quench Valve & Suction Accumulator

A quench valve and suction accumulator should be used if the system will be split long distances or refrigerant interconnecting tubing will go through a space with elevated temperature. Contact the factory to confirm the need for your specific application.

External Filter Box

Include this option when a hot water coil, steam coil, chilled water coil or hot gas reheat coil will be included behind the evaporator.

Notes

Partial List of Options

- Hot Gas Bypass
- Modulating Hot Gas Bypass
- Electric Heat (Finned Tubular)
- Electric Reheat (Finned Tubular)
- Scroll Compressors
- Low-Ambient Damper
- Flooded Condenser
- Quench Valve w/ Suction Accumulator
- Condensate Pump (Installed & Wired)
- Steam Heat
- Hot Water Heat
- Hot Gas Reheat
- Dual Cooling (DX / Chilled Water)
- Water Regulating Valves (2-way, 3-way, 150 psig, 350 psig)
- Outdoor Condensing Section Modification Kit
- Vertical Mounting
- Top Discharge Evaporator or Condenser
- Double Wall (Solid or Perforated)
- Steam Canister Humidifier
- Economizer (Air Side or Water Side)
- Heresite Coated Coils
- Painted Cabinets
- Non-Fused Disconnects
- Dry Contacts
- Oil Separators
- Liquid Receivers
- Compressor Acoustic Covers
- Straight-Thru Air Path
- External Filter Box
- Condenser Filter Box
- Mirror Image
- Chilled Water Coil
- VFD
- Thermostats
- Microprocessor Controls
- Freezestat
- Motor Upgrades
- Pillow Block Bearings

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