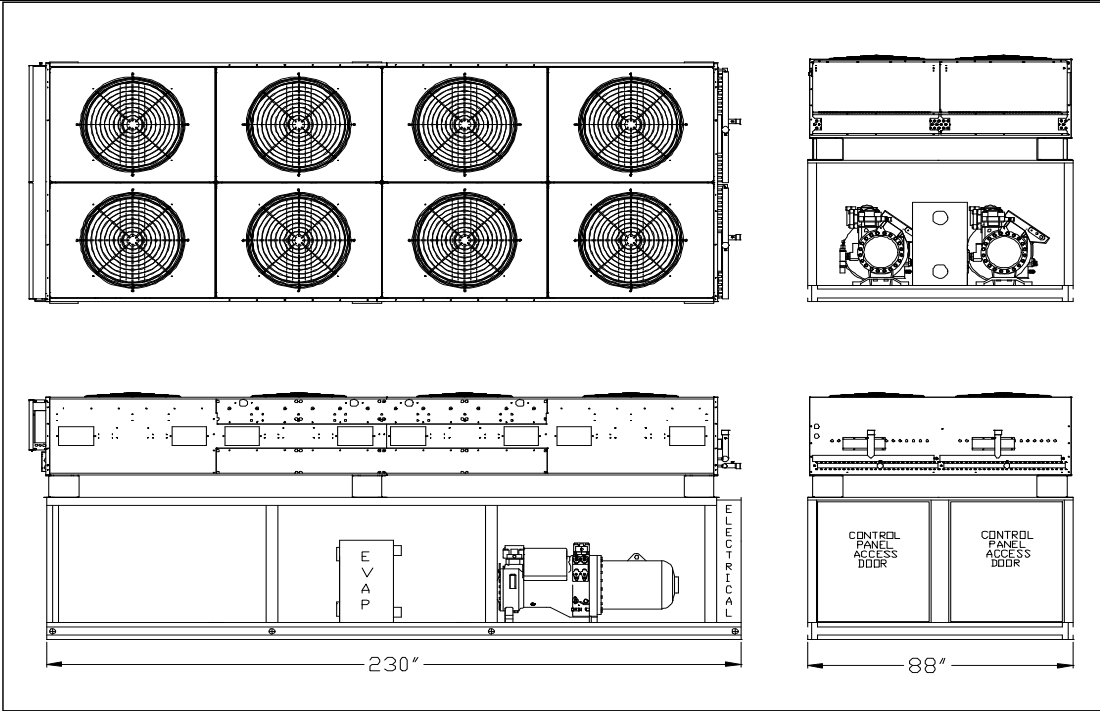




PAC1200D-T

PACKAGED AIR-COOLED 120 HP DUAL CIRCUIT SCREW

DIMENSIONAL DRAWINGS



LENGTH	WIDTH	HEIGHT	WEIGHT	FLUID CONNECTIONS
230"	88"	88"	6000 lb	-

PRODUCT PERFORMANCE INFORMATION

REFRIGERANT	COMPRESSOR OPER. TEMP. SUCTION RANGE	°F	70 AMB		85 AMB		95 AMB		100 AMB		105 AMB	
		LFT	TONS	EER	TONS	EER	TONS	EER	TONS	EER	TONS	EER
R407C	10°F to 55°F	20	68.5	11.6	63.5	8.9	58.7	7.3	55.8	6.5	52.5	5.7
		35	92.0	15.1	87.7	11.7	83.3	9.8	80.6	8.9	77.5	8.0
		45	109.6	18.4	105.6	13.8	101.5	11.5	98.9	10.5	95.9	9.6
		55	128.8	23.7	125.3	16.6	121.4	13.6	118.9	12.4	116.0	11.3
		65	150.0	34.3	146.8	20.9	143.1	16.5	140.7	14.9	137.8	13.5
R404A	-10°F to 45°F	0	58.8	7.6	52.9	5.8	48.3	4.8	45.8	4.3	43.1	3.9
		10	72.4	8.9	66.0	6.9	60.9	5.7	58.1	5.1	55.1	4.6
		25	96.3	11.4	88.8	8.8	82.9	7.3	79.7	6.6	76.2	6.0
		40	124.3	14.7	115.7	11.3	109.0	9.4	105.3	8.5	101.3	7.7
		55	156.8	19.2	147.1	14.8	139.4	12.2	135.2	11.1	130.8	10.0

DRAKE REFRIGERATION INC
 2900 SAMUEL DRIVE
 BENSLEM, PA 19020
 (888) 289-7299
www.drakechillers.com

*ALL INFORMATION **FOR REFERENCE ONLY**



PAC1200D-T

PACKAGED AIR-COOLED 120 HP DUAL CIRCUIT SCREW

STANDARD FEATURES	
FEATURE	BENEFIT
Listings	ETL 3046941, UL STD 1995, CAN/CSA STD, C22.2 No. 236
Advanced Microprocessor	BMS, BAS communications, remote access, monitoring services
Stainless Steel Brazed Plate Evaporator	Fully insulated and selected based upon application requirements
Hanbell Screw Compressor	Robust, long lasting, rebuildable compressor with 3 year standard warranty
Variable Capacity Down to 25%	Allows for soft-start capacity control down to 25%
Suction Accumulator	Protects the compressor from damage caused by liquid flood back
Compressor Crankcase Heater	Prevents compressor damage caused by liquid refrigerant on startup
Water Flow Switch	Protects against process fluid freezing caused by fluid pump failure
Copper Tube/Aluminum Fin Condenser	Rust resistant and high CFM
Compressor Vibration Eliminators	Eliminates vibration transfer and reduces noise
Galvanized Steel Metal Cabinet	Sturdy, corrosion resistant, professional appearance
Insulated Process Fluid Lines	Maximum thermal efficiency
Factory Tested	Ensures unit meets performance design criteria and arrives in working order
Electronic Expansion Valves	Added consistency, efficiency, and control
Full Refrigerant Charge	Hassle free and more efficient installation
NEMA 3R Rated Electrical	Indoor/outdoor use

AVAILABLE OPTIONS	
OPTIONS	AVAILABLE
Extended Warranty	5 year extended compressor warranty available (+2 years)
Electrical	Compressor fusing, phase monitors, disconnects and more
Stainless Steel Pumps	On board pumps in multiple configurations & options
Fluid Piping Upgrades	Flow meters, pressure gauges, low flow bypass valves, and more
Hot Gas Bypass	Aids in the prevention of evaporator freeze ups and capacity control
Coastal Protection/Hazardous Environment	Heresite coating, "Gold", or Copper condenser coils
Low Ambient Protection	Head pressure control for low ambient temperatures down to -20°F
Other	Service outlets, evaporator heat tape, etc.

More options and customization available, contact factory for information: (888) 289 - 7299

AVAILABLE MODEL NUMBER VOLTAGE REFERENCE	
T3 (208-230/3/60) --- T4 (460/3/60) --- T5 (575/3/60)	

PRODUCT INFORMATION										
MODELS AVAILABLE		COMPRESSOR		POWER			MCC EACH	LRA EACH	FAN MOTOR	
R407C	R404A	MODEL	QTY	VOLTAGE	PHASE	FREQ			FLA EA	QTY
		RC2-180B	2	208-230V	3	60 Hz	249	930	6.6	8
				460V	3	60 Hz	119	485	3.1	
				575V	3	60 Hz	95	380	2.5	
		RC2-180B	2	208-230V	3	60 Hz	249	930	6.6	8
				460V	3	60 Hz	119	485	3.1	
				575V	3	60 Hz	95	380	2.5	

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