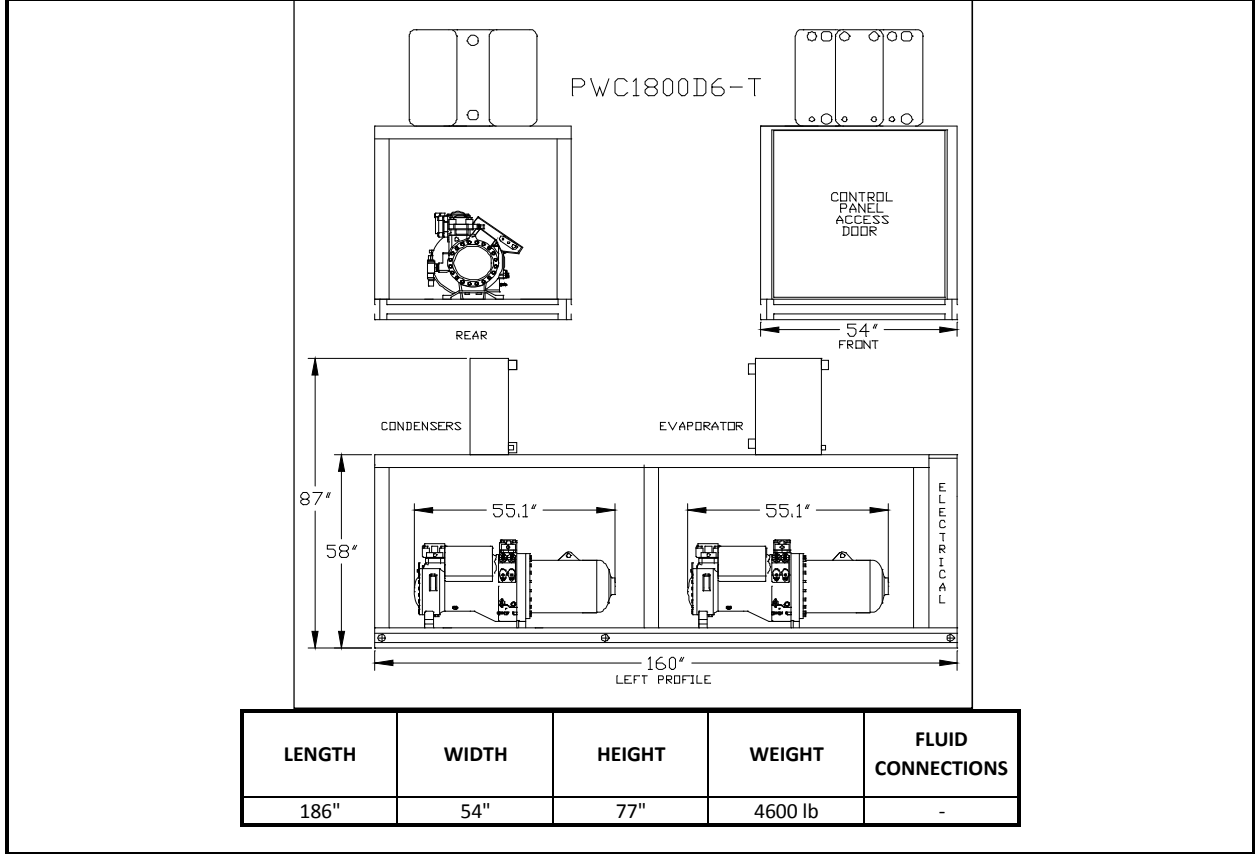




PWC1800D-T

PACKAGED WATER-COOLED 180 HP DUAL CIRCUIT SCREW

DIMENSIONAL DRAWINGS



PRODUCT PERFORMANCE INFORMATION

REFRIGERANT	COMPRESSOR OPER. TEMP. SUCTION RANGE	°F	75 COND		80 COND		85 COND		90 COND		95 COND	
			LFT	TONS	EER	TONS	EER	TONS	EER	TONS	EER	TONS
R407C	10°F to 55°F	20	100.1	10.7	97.6	9.8	94.7	8.9	91.4	8.1	87.6	7.2
		35	135.5	13.8	133.4	12.7	130.8	11.6	127.8	10.7	124.3	9.7
		45	161.9	16.6	160.0	15.0	157.6	13.7	154.8	12.6	151.5	11.5
		55	190.8	20.7	189.1	18.4	186.9	16.5	184.2	15.0	181.1	13.6
		65	222.5	28.1	221.0	23.9	219.0	20.8	216.5	18.4	213.5	16.5
R404A	-10°F to 45°F	0	85.0	7.0	82.1	6.4	79.0	5.9	75.7	5.3	72.1	4.8
		10	105.2	8.3	102.0	7.6	98.5	7.0	94.8	6.3	90.9	5.7
		25	140.3	10.7	136.5	9.8	132.6	8.9	128.3	8.1	123.8	7.4
		40	181.6	13.7	177.3	12.6	172.8	11.5	167.9	10.5	162.7	9.5
		55	229.6	17.9	224.7	16.4	219.6	15.0	214.0	13.7	208.2	12.4

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

*ALL INFORMATION **FOR REFERENCE ONLY**



PWC1800D-T

PACKAGED WATER-COOLED 180 HP DUAL CIRCUIT SCREW

STANDARD FEATURES	
FEATURE	BENEFIT
Listings	ETL 3046941, UL STD 1995, CAN/CSA STD, C22.2 No. 236
Micro Control Systems Controller	Open source, microprocessor built to operate in the HVAC/R industry
Controls	BMS, BAS communications, remote access, monitoring services
Stainless Steel Brazed Plate Evaporator	Corrosion resistant, fully insulated and selected upon requirements
Hanbell Screw Compressor	Robust, long lasting, rebuildable compressor with 3 year standard warranty
Variable Capacity Control	Allows for soft-start and stepped capacity control from 25-100%
Compressor Crankcase Heater	Prevents compressor damage caused by cold refrigerant on startup
Suction Accumulator	Protects the compressor from damage caused by liquid flood back by preventing liquid from entering the compressor
Water Flow Switch	Protects against process fluid freezing caused by pump failure
Hot Gas Bypass	Aids in the prevention of evaporator freeze ups and capacity control
Copper Tube/Aluminum Fin Condenser	Rust resistant and high CFM
Compressor Vibration Eliminators	Eliminates vibration transfer and reduces noise
Painted Galvanized Steel Metal Cabinet	Sturdy, corrosion resistance, professional appearance
Insulated Process Fluid Lines	Maximum thermal efficiency
Factory Tested	Ensures the unit meets the customer's performance designed 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
Phase Monitors	Electrical protection for compressors

AVAILABLE OPTIONS	
OPTIONS	AVAILABLE
Extended Warranty	4 year extended compressor warranty
Electrical	Compressor fusing, disconnects, circuit breakers and more
Stainless Steel Pumps	1/3 HP to 25 HP on board pumps in multiple configurations & options
Fluid Piping Upgrades	Flow meters, pressure gauges, low flow bypass valves, and more
Marine Environments	Marine-duty condensers for salt water applications
Head Pressure Control	Condenser Water Regulating valves
Other	Casters, service outlets, city water add-ons, heaters, water reg. valves etc.
<i>More options and customization available, contact factory for information: (888) 289 - 7299</i>	

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	
	MODEL	QTY	VOLTAGE	PHASE	FREQ			FLA EA	QTY
R407C R404A	RC2-260B	2	208-230V	3	60 Hz	355	1380	6.6	-
PWC1800D3-T3-T			460V	3	60 Hz	170	720	3.1	
PWC1800D3-T5-T			575V	3	60 Hz	136	545	2.5	
PWC1800D6-T3-T	RC2-260B	2	208-230V	3	60 Hz	355	1380	6.6	-
PWC1800D6-T4-T			460V	3	60 Hz	170	720	3.1	
PWC1800D6-T5-T			575V	3	60 Hz	136	545	2.5	

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

*ALL INFORMATION **FOR REFERENCE ONLY**