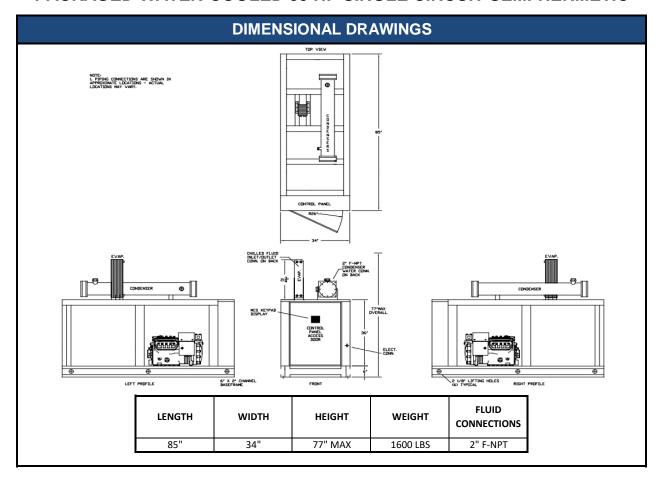


PWC351S-S

PACKAGED WATER-COOLED 35 HP SINGLE CIRCUIT SEMI-HERMETIC



PRODUCT PERFORMANCE INFORMATION										
REFRIGERANT	COMPRESSOR OPER.	LFT	70°F COND		90°F COND		105°F COND		120°F COND	
REFRIGERANT	TEMP. SUCTION RANGE	°F	TONS	EER	TONS	EER	TONS	EER	TONS	EER
R407C		20	21.0	13.9	18.1	10.1	16.0	8.1	13.8	6.6
	10°F to 50°F	30	26.7	17.2	23.2	12.2	20.6	9.6	18.0	7.7
		40	33.5	21.3	29.2	14.7	26.0	11.4	22.9	9.0
		50	41.5	26.6	36.3	17.8	32.5	13.6	28.7	10.5
		60	N/A	N/A	44.7	21.6	40.1	16.2	35.5	12.3
R404A		0	16.0	10.2	13.4	7.7	11.5	6.3	9.7	5.1
	-10°F to 45°F	10	20.6	11.9	17.3	8.9	15.0	7.2	12.7	5.8
		25	29.3	15.3	24.9	11.1	21.6	8.8	18.5	7.0
		40	40.2	19.7	34.3	13.8	29.9	10.8	25.6	8.4
		50	N/A	N/A	41.9	16.2	36.6	12.4	31.3	9.6
		55	N/A	N/A	46.1	17.5	40.3	13.4	34.5	10.2

DRAKE REFRIGERATION INC

2900 SAMUEL DRIVE BENSALEM, PA 19020 (888) 289-7299



PWC351S-S

PACKAGED WATER-COOLED 35 HP SINGLE CIRCUIT SEMI-HERMETIC

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					
Bitzer Semi-Hermetic Compressor	Industry leader, rebuildable, long lasting compressor					
Variable Capacity Control	Allows for soft-start and stepped capacity control from 50-100%					
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					
Suction Accumulator	from entering the compressor					
Water Flow Switch	Protects against process fluid freezing caused by pump failure					
Shell and Tube Condenser	Highly efficient water cooled design					
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					
ractory rested	working order					
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					
Compressors	Equivalent compressors available from Copeland and Carlyle					
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					
Head Pressure Control	Condenser Water Regulating valves					
Other	Casters, service outlets, city water add-ons, heaters, water reg. valves 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		CONDENSER		RLA EA	LRA EA	MCA	МОР	RECIRC. TANK	
R407C R404A	MODEL	QTY	HP	QTY	CONNECTION	EA	EA			IANK
PWC351S3-T3-S			35	1	2" F-NPT	128.8	550	165	285	N/A
PWC351S3-T4-S	6HE-35-1Y	1				64.4	275	85	140	
PWC351S3-T5-S						51.5	220	65	115	
PWC351S6-T3-S						128.8	550	165	285	
PWC351S6-T4-S	6HE-35-1Y	1	35	1	2" F-NPT	64.4	275	85	140	N/A
PWC351S6-T5-S						51.5	220	65	115	

DRAKE REFRIGERATION INC

2900 SAMUEL DRIVE BENSALEM, PA 19020 (888) 289-7299 www.drakechillers.com