

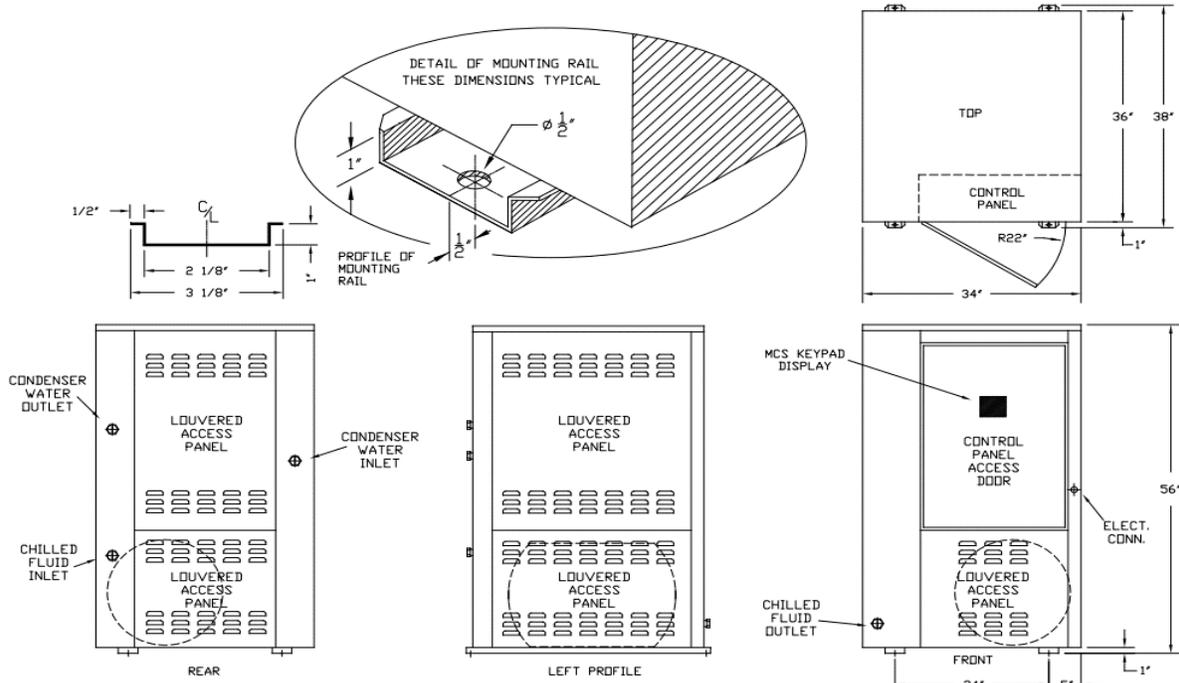


®

PWCT12S

PACKAGED WATER-COOLED 1.5 HP SINGLE CIRCUIT SCROLL WITH TANK

DIMENSIONAL DRAWINGS



| LENGTH | WIDTH | HEIGHT | WEIGHT | TANK CAPACITY | FLUID CONNECTIONS |
|--------|-------|--------|---------|---------------|-------------------|
| 38" | 34" | 56" | 500 LBS | 30 GAL. | 3/4" F-NPT |

PRODUCT PERFORMANCE INFORMATION

| REFRIGERANT | COMPRESSOR OPER. TEMP. SUCTION RANGE | LFT °F | 70°F COND | | 90°F COND | | 105°F COND | | 120°F COND | |
|-------------|--------------------------------------|--------|-----------|------|-----------|------|------------|------|------------|------|
| | | | TONS | EER | TONS | EER | TONS | EER | TONS | EER |
| R407C | 25°F to 55°F | 40 | 1.2 | 16.2 | 1.2 | 13.2 | 1.1 | 10.1 | 1.0 | 7.8 |
| | | 45 | 1.4 | 18.1 | 1.3 | 14.7 | 1.2 | 11.2 | 1.1 | 8.6 |
| | | 55 | 1.7 | 22.9 | 1.6 | 18.5 | 1.5 | 13.9 | 1.3 | 10.4 |
| | | 65 | 2.1 | 30.0 | 1.9 | 24.1 | 1.8 | 17.7 | 1.6 | 13.1 |
| | | 70 | N/A | N/A | 2.1 | 28.1 | 1.9 | 20.4 | 1.7 | 14.8 |
| R404A | -10°F to 45°F | 5 | 0.7 | 8.7 | 0.6 | 6.0 | 0.5 | 4.3 | 0.4 | 2.8 |
| | | 15 | 0.9 | 11.0 | 0.8 | 7.7 | 0.7 | 5.7 | 0.6 | 3.8 |
| | | 30 | 1.2 | 15.6 | 1.1 | 10.9 | 1.0 | 8.1 | 0.8 | 5.7 |
| | | 45 | 1.7 | 21.6 | 1.5 | 14.8 | 1.3 | 11.1 | 1.1 | 7.8 |
| | | 55 | N/A | N/A | 1.8 | 18.2 | 1.6 | 13.5 | 1.4 | 9.6 |
| | | 60 | N/A | N/A | 2.0 | 20.3 | 1.7 | 14.9 | 1.5 | 10.6 |

DRAKE REFRIGERATION INC

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

www.drakechillers.com

*ALL INFORMATION **FOR REFERENCE ONLY**



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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 |
| Copeland Scroll Compressor | Industry leader, long lasting compressor |
| 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 |
| Coaxial "Tube-in-Tube" Condenser | Highly effective, compact heat exchanger with superior anti-fouling characteristics |
| 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 |
| Full Refrigerant Charge | Hassle free and more efficient installation |
| Stainless Steel Storage Tank | Closed cell insulation for increase temperature control with reliable, corrosion resistant, stainless steel recirculation pump |
| 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 |
| 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

S2 (208-230/1/60)

PRODUCT INFORMATION

| MODELS AVAILABLE | | COMPRESSOR | | | CONDENSER | | RLA EA | LRA EA | MCA | MOP | EVAP. PUMP EA |
|------------------|-------|------------|-----|-----|-----------|------------|--------|--------|-----|-----|---------------|
| R407C | R404A | MODEL | QTY | HP | QTY | CONNECTION | | | | | |
| | | ZS11KAE | 1 | 1.5 | 1 | 3/4" F-NPT | 10.7 | 55 | 20 | 25 | 4.1 |
| | | ZS11KAE | 1 | 1.5 | 1 | 3/4" F-NPT | 12.6 | 55 | 20 | 30 | 4.1 |

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