

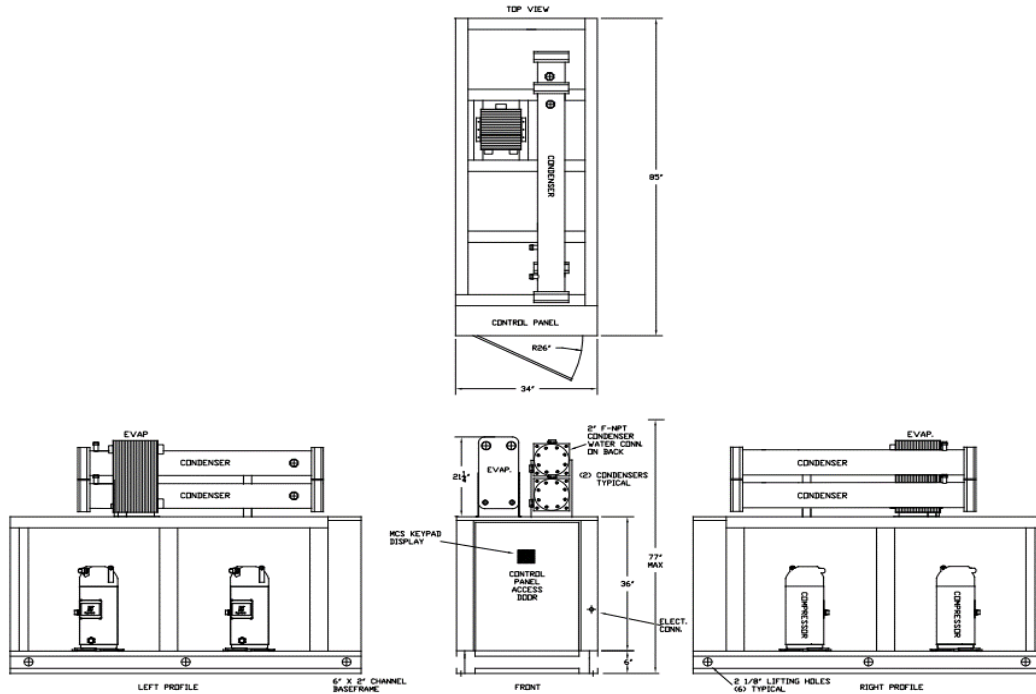


®

PWC600D

PACKAGED WATER-COOLED 50 HP DUAL CIRCUIT SCROLL

DIMENSIONAL DRAWINGS



| LENGTH | WIDTH | HEIGHT | WEIGHT | FLUID CONNECTIONS |
|--------|-------|---------|----------|-------------------|
| 85" | 34" | 77" MAX | 3600 LBS | 3" F-NPT |

PRODUCT PERFORMANCE INFORMATION

| REFRIGERANT | COMPRESSOR OPER. TEMP. SUCTION RANGE | LFT °F | 80°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 | 35 | 42.4 | 18.0 | 40.3 | 15.2 | 37.2 | 12.0 | 33.9 | 9.3 |
| | | 40 | 47.2 | 19.8 | 44.8 | 16.7 | 41.3 | 13.2 | 37.8 | 10.2 |
| | | 50 | 58.5 | 24.7 | 55.7 | 20.4 | 51.3 | 15.9 | 47.0 | 12.3 |
| | | 60 | 72.2 | 31.4 | 68.5 | 25.3 | 63.3 | 19.4 | 58.0 | 14.9 |
| | | 65 | 79.8 | 35.9 | 75.8 | 28.5 | 70.1 | 21.5 | 64.2 | 16.4 |

DRAKE REFRIGERATION INC

2900 SAMUEL DRIVE
 BENSLEM, 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 |
| Shell and Tube Condenser | Highly efficient water cooled design |
| 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 |
| 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

T3 (208-230/3/60) --- T4 (460/3/60) --- T5 (575/3/60)

PRODUCT INFORMATION

| MODELS AVAILABLE | COMPRESSOR | | | CONDENSER | | RLA EA | LRA EA | MCA | MOP | RECIRC. TANK |
|------------------|------------|-----|-------|-----------|------------|--------|--------|-----|-----|--------------|
| | MODEL | QTY | HP | QTY | CONNECTION | | | | | |
| R407C R404A | | | | | | | | | | |
| PWC600D3-T3-Z | ZR300KCE | 2 | 25 EA | 2 | 2" F-NPT | 100 | 500 | 225 | 325 | N/A |
| PWC600D3-T4-Z | | | | | | 48.6 | 250 | 110 | 155 | |
| PWC600D3-T5-Z | | | | | | 36.4 | 198 | 85 | 115 | |

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