

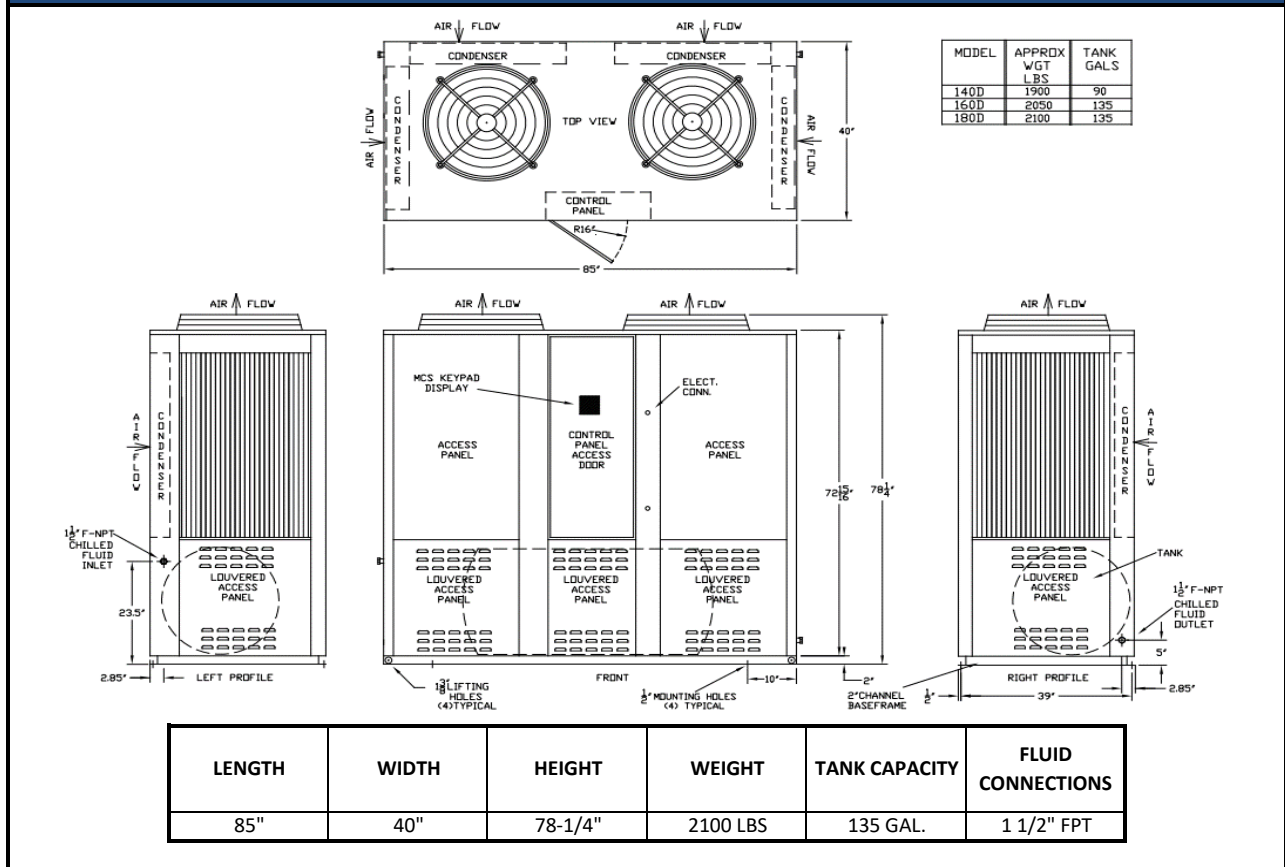


®

PACT180D

PACKAGED AIR-COOLED 20 HP DUAL CIRCUIT SCROLL WITH TANK

DIMENSIONAL DRAWINGS



PRODUCT PERFORMANCE INFORMATION

| REFRIGERANT | COMPRESSOR OPER. SUCTION TEMP. RANGE | LFT °F | 80°F AMB | | 90°F AMB | | 95°F AMB | | 100°F AMB | | 105°F AMB | |
|-------------|--------------------------------------|--------|----------|------|----------|------|----------|------|-----------|------|-----------|------|
| | | | TONS | EER | TONS | EER | TONS | EER | TONS | EER | TONS | EER |
| R407C | 25°F to 55°F | 40 | 15.0 | 10.6 | 14.1 | 9.0 | 13.6 | 8.3 | 13.1 | 7.6 | 12.7 | 7.0 |
| | | 50 | 18.5 | 12.4 | 17.4 | 10.6 | 16.9 | 9.9 | 16.4 | 9.1 | 15.9 | 8.4 |
| | | 60 | 22.4 | 14.2 | 21.1 | 12.3 | 20.6 | 11.4 | 20.0 | 10.6 | 19.4 | 9.8 |
| | | 70 | 26.6 | 16.1 | 25.2 | 13.9 | 24.5 | 13.0 | 23.9 | 12.1 | 23.2 | 11.2 |
| R404A | -10°F to 45°F | 5 | 8.5 | 6.1 | 7.7 | 5.0 | 7.2 | 4.5 | 6.8 | 4.0 | 6.4 | 3.5 |
| | | 15 | 10.6 | 7.2 | 9.6 | 6.0 | 9.1 | 5.4 | 8.6 | 4.9 | 8.1 | 4.4 |
| | | 30 | 14.2 | 9.0 | 12.9 | 7.5 | 12.3 | 6.9 | 11.7 | 6.2 | 11.0 | 5.6 |
| | | 45 | 18.2 | 10.8 | 16.6 | 9.1 | 15.8 | 8.3 | 15.0 | 7.6 | 14.2 | 6.9 |
| | | 60 | 22.4 | 12.3 | 20.5 | 10.5 | 19.5 | 9.6 | 18.6 | 8.8 | 17.6 | 8.0 |

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 |
| Copper Tube/Aluminum Fin Condenser | Rust resistant and high CFM |
| 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 |
| Coastal Protection/Hazardous Environments | Heresite coating, "Gold" and Copper condenser coils |
| Low Ambient Protection | EC fan for temperature down to +10°F, Head pressure control for temperatures down to -20°F, Heated receivers for temperature down to -40°F |
| Other | Casters, service outlets, city water add-ons, heaters, 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 | | | FAN MOTOR | | RLA EA | LRA EA | MCA | MOP | EVAP. PUMP EA |
| R407C | R404A | MODEL | QTY | HP | QTY | FLA EA | | | | | |
| PACT180D3-T3-Z | | ZB76KCE | 2 | 10 EA | 2 | 3.3 | 41.4 | 239 | 110 | 145 | 6.4 |
| PACT180D3-T4-Z | | | | | | 1.6 | 19.2 | 125 | 50 | 65 | 3.1 |
| PACT180D3-T5-Z | | | | | | 1.9 | 13.8 | 80 | 40 | 50 | 2.3 |
| PACT180D6-T3-Z | | ZB76KCE | 2 | 10 EA | 2 | 3.3 | 41.4 | 239 | 110 | 145 | 6.4 |
| PACT180D6-T4-Z | | | | | | 1.6 | 20 | 125 | 55 | 70 | 3.1 |
| PACT180D6-T5-Z | | | | | | 1.9 | 13.2 | 80 | 40 | 45 | 2.3 |

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