

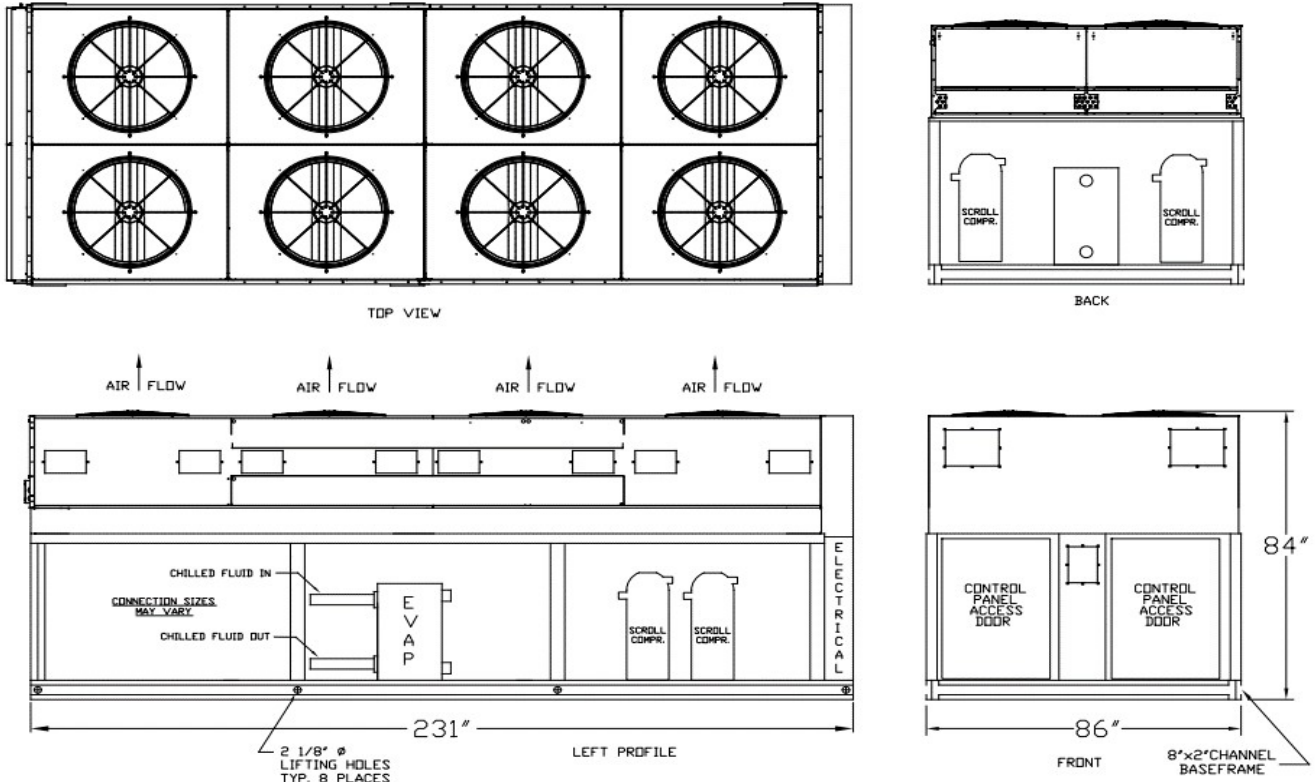


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PAC1280Q-Z

PACKAGED AIR-COOLED 120 HP TANDEM SCROLL

DIMENSIONAL DRAWINGS



| LENGTH | WIDTH | HEIGHT | WEIGHT | FLUID CONNECTIONS |
|--------|-------|--------|----------|-------------------|
| 231" | 86" | 84" | 6800 LBS | 3" F-NPT |

PRODUCT PERFORMANCE INFORMATION

| REFRIGERANT | COMPRESSOR OPER. SUCTION TEMP. RANGE | LFT °F | 70 °F AMB | | 85 °F AMB | | 95 °F AMB | | 100 °F AMB | | 105 °F AMB | |
|-------------|--------------------------------------|--------|-----------|--------|-----------|--------|-----------|--------|------------|--------|------------|--------|
| | | | TONS | KBTU/H | TONS | KBTU/H | TONS | KBTU/H | TONS | KBTU/H | TONS | KBTU/H |
| R407C | 10°F to 55°F | 20 | 69.8 | 838 | 63.1 | 757 | 58.1 | 697 | 55.5 | 666 | 52.9 | 635 |
| | | 35 | 100.7 | 1209 | 92.4 | 1109 | 86.2 | 1034 | 82.9 | 995 | 79.5 | 955 |
| | | 45 | 125.2 | 1503 | 115.7 | 1388 | 108.5 | 1301 | 104.6 | 1256 | 100.7 | 1209 |
| | | 55 | 152.6 | 1831 | 141.6 | 1699 | 133.3 | 1600 | 128.9 | 1547 | 124.4 | 1492 |
| | | 60 | 167.3 | 2008 | 155.5 | 1867 | 146.7 | 1760 | 141.9 | 1703 | 137.1 | 1645 |

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 Tandem Scroll Compressors | Industry leader, long lasting compressor |
| 25%-100% Capacity Control | Allows for tight control on varying loads |
| 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 |
| 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 |
| Electronic Expansion Valves | Added consistency, efficiency, and control |
| 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 | 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 | | | RLA EA | LRA EA | FAN MOTOR | | MCA | MOP | RECIRC. TANK |
|------------------|------------|-----|-------|--------|--------|-----------|--------|-----|-----|--------------|
| | MODEL | QTY | HP | | | QTY | FLA EA | | | |
| R407C | | | | | | | | | | |
| PAC1280Q3-T3-Z | ZR380KCE | 4 | 30 EA | 121.4 | 599 | 8 | 4.9 | 560 | 675 | N/A |
| PAC1280Q3-T4-Z | | | | 59.3 | 310 | | 2.2 | 255 | 310 | |
| PAC1280Q3-T5-Z | | | | 47.1 | 239 | | 2.1 | 205 | 245 | |

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