PORTABLE CHILLERS

- 5 to 30 Tons Capacity
- Microprocessor Based Chiller Control
- Air-Cooled Condenser
- Steel Frame & Lift-Off Cabinetry
- Scroll Compressor
- Brazed Plate Evaporator
- Non Ozone Depleting Refrigerants

The CF-A Series portable chiller provides precision temperature control from an economically affordable and reliable unit. Perfect for applications such as plastic injection molding, blow molding, extrusion and other industrial applications.

TEMPERATURE RANGE
- 20° - 65°F

REFRIGERANT CIRCUIT
- Scroll compressor
- Air-cool condenser
- Fan induced air flow
- Filter-drier
- Liquid line solenoid valve
- Refrigerant sight glass with moisture indicator
- Thermostatic expansion valve
- Hot gas by-pass capacity control
- Braze plate evaporator
- Full component insulation
- Environmentally friendly refrigerants

COOLANT CIRCUIT
- Stainless steel process pump on 5-20 ton models
- Cast iron process pump on 25 - 40 ton models
- Insulated non-ferrous reservoir
- All non-ferrous construction

LIMIT DEVICES
- Compressor motor overload protection
- Refrigerant high pressure switch
- Refrigerant low pressure switch
- Instrument control circuit fuse
- Refrigerant Pressure Relief

ELECTRICAL
- Nema rated electrical cabinet
- Process pump motor starter
- Compressor motor starter
- Fused transformer
- Power entry terminal block

WARRANTY & SERVICE
- 1 year on parts & labor
- Nationwide network of service contractors

CHILLER CONTROL INSTRUMENT
- Microprocessor based controller
- Large temperature display window
- To process temperature display in °F and °C
- Illuminated Power On switch
- Indicator lights for Compressor and Hot Gas Bypass
- Diagnostic light for Refrigerant Fault
- Soft key setpoint selectors

FRAME
- Female NPT process connections
- Powder coated steel frame
- 4" bearing casters

since 1989

PRICE & PERFORMANCE... for the LONG TERM

525 East Stop 18 Road Greenwood, IN 46142  317-887-6352   fax: 317-881-1277   web site: www.Temptek.com   email: sales@Temptek.com
## SPECIFICATIONS

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### Notes
1. Since product innovation and improvement is our constant goal, all features and specifications are subject to change without notice or liability. Selection of certain optional features may change listed specifications.
2. Tons or Kilowatts capacity at 12,000 Btu/hr @ 50°F LWT, 95°F ambient and 115°F condensing. Capacity multipliers are 50°F - 1.00; 40°F - .80; 30°F - .60; 20°F - .40. The minimum recommended operating temperature when no glycol is used is 48°F.
3. R = hermetic reciprocating. SC = hermetic scroll.
4. P = positive displacement. C = centrifugal.
7. Static pressure in inches of water.
8. Design ambient conditions. Loss of capacity and/or difficulty operating will occur at higher ambient.
9. Full load amps are higher than run load amps and must be used for sizing disconnects and supply wiring.
11. Approximate unit weight crated for shipment.

## MECHANICAL COMPONENTS

A - From Process Connection
B - To Process Connection
C - Protective Fan Shroud
D - Hot Gas Bypass Valve
E - Air-Cooled Condenser
F - Expansion Valve
G - Fan Motor
H - Electrical Cabinet
I - Steel Frame
J - Instrument (not viewed in picture)
K - Liquid Receiver
L - Compressor
M - Castor
N - Filter-drier
O - Liquid Line Solenoid Valve
P - Refrigerant Sight Glass
Q - Insulated reservoir
R - Centrifugal pump

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