PORTABLE CHILLERS

• 1/4 to 1.5 Tons Capacity
• Microprocessor Control
• Air-Cooled Condenser
• Galvanized Steel Frame
• Nonferrous Coolant Circuit
• Non Ozone Depleting Refrigerants

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

TEMPERATURE RANGE
• 20° - 70°F

REFRIGERANT CIRCUIT
• Hermetic compressor
• Air-cooled condenser with fan induced air flow
• Filter-drier
• Liquid line solenoid valve
• Refrigerant sight glass with moisture indicator
• Thermostatic expansion valve
• Coaxial evaporator
• Full component insulation
• Environmentally friendly refrigerants

COOLANT CIRCUIT
• Brass vane pump
• Insulated non-ferrous reservoir
• Reservoir level sight glass

LIMIT DEVICES
• Compressor motor overload protection
• Refrigerant high pressure switch
• Refrigerant low pressure switch
• Instrument control circuit fuse

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

ELECTRICAL
• Nema rated electrical cabinet
• Process pump motor starter
• Compressor motor starter
• Fused transformer
• Factory installed power cord

FRAME
• Female NPT process connections
• Galvanized steel frame
• Enclosure panels (optional)
• 3” bearing casters

WARRANTY & SERVICE
• 1 year on parts & labor
• Nationwide network of service contractors
Since product innovation and improvement is our constant goal, all features and specifications are subject to change without notice. Form # ADV-594 12/05 updated 6/19/2014 ©2014 TEMPTEK, INC.


INSTRUMENT

The standard chiller control for 1/4 to 1-1/2 ton chillers provides basic temperature and machine status monitoring.

SPECIFICATIONS

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FEATURES:

• Accurate control
• Large & Bright LED temperature display
• Digital Setpoint selection with soft touch keys
• Illuminated Chiller On / Off switch
• Compressor On light
• Basic chiller diagnostics with Refrigeration Fault light
• Capacity control light

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 Btuhrtn @ 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 created for shipment.

COMPONENTS

MACHINE COMPONENTS

A - Chiller Control
B - Power Switch
C - Pump
D - Temperature Sensor
E - Reservoir
F - Bypass Valve
G - Expansion Valve
H - Refrigerant Sight Glass
I - Process Connections (not visible in photograph)
J - Condenser
K - Fan Assembly
L - Caster
M - Compressor (not visible in photograph)
N - Liquid Receiver
O - Filter - Drier
P - High/ Low Pressure Switch
Q - Power Cord

MEHRMAN

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

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