

## Frozen Dessert Machine Glycol Chillers

**RUGGED  
DEPENDABILITY**

### 2 through 10-Ton Air-Cooled Chillers



(7.5 TON LOW  
PROFILE MODEL SHOWN)

#### FEATURES

- Dependable Copeland Welded Hermetic Scroll Compressors
- Stainless Steel Brazed Plate Evaporators Vacuum Brazed with Copper
- External Brass Service Valves
- Large Copper Condensing Coil with Aluminum Fins
- Powder Coated, Louvered Protective Condenser Panels
- Strong Stainless Steel Centrifugal Pumps with Safety Fuses or Thermal Protection
- Oversized Magnetic Contactors
- Powder Coated Steel Frame and Welded Stainless Steel Reservoir
- Distribution Manifold / City Water Back-up
- Remote Status Box
- Low Profile

#### BENEFITS

- Long Life - Maintenance Free
- Compact Efficiency
- Allows for Field Service Without Disassembly
- Easy Maintenance - Improved Efficiency
- Rugged Protection While Allowing for Easy Maintenance and Wash Down
- High Flow - Long Life - Dependable
- Rugged Dependability - Long Life
- Lifetime Warranty
- Reliability
- Easy for Operator to Verify Proper Operation
- Easy to Conceal



## TECHNICAL SPECIFICATIONS

CAPACITY ± 5% AT 50° LCWT/95° AMBIENT	2 -TON 24,000 BTU/HR	3 -TON 36,000 BTU/HR	5 -TON 60,000 BTU/HR	7.5 -TON 90,000 BTU/HR	10 -TON 120,000 BTU/HR
MODEL	ACWC-24-EOR	ACWC-36-EOR	ACWC-60-EOR	ACWC-90-EOR	ACWC-120-EOR
VOLTAGE/PHASE	208/230/1	208/230/3* 480/3	208/230/3* 480/3	208/230/3 480/3	208/230/3 480/3
MINIMUM CIRCUIT AMPS	27	18/11	27/15	36/17	50/23
DIMENSIONS (APPROX.)	38" L x 28" W x 50" H	44" L x 33" W x 54" H	44" L x 33" W x 66" H	44" L x 33" W x 66" H	80" L x 32" W x 68" H
DIMENSIONS (APPROX.) LOW PROFILE	N/A	N/A	66" L x 44" W x 35" H	66" L x 44" W x 35" H	N/A
WEIGHT	350 LBS	390 LBS	500 LBS	890 LBS	906 LBS
PUMP	1 HP	1 HP	1 HP	1-1/2 HP	1-1/2 HP
PUMP OUTPUT	55 GPM @ 30PSI	55 GPM @ 30PSI	55 GPM @ 30PSI	55 GPM @ 30PSI	55 GPM @ 30PSI
TANK SIZE	25 GAL	25 GAL	25 GAL	41 GAL	41 GAL
TANK CONSTRUCTION	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
FLUID CONNECTIONS (IN/OUT)	1", 1"	1", 1"	1", 1"	1-1/4", 1-1/4"	1-1/4", 1-1/4"

\* 208/230 volt 1 phase units available

### CONTROLS:

Electronic temperature controller with constant (set point/process temperature) LED readout on standard units, remote status box.

### REFRIGERATION COMPONENTS:

Efficient scroll compressors, sight glass/moisture indicators, balanced port expansion valves, filter driers, service valves, stainless steel/copper brazed plate evaporators, fan cycling head pressure controls.

### PROCESS FLUID COMPONENTS:

Rugged stainless steel centrifugal pumps, with manual by-pass, bronze "Y" strainer with 20 mesh stainless steel screen, distribution manifold with city water by-passes, insulated stainless steel reservoir with shoe box lid, tank level sight glass, fill and drain ports.

### SAFETY CONTROLS:

High/low pressure safety, freeze, low water flow safety with manual reset, internal overloads, thermal overloads or safety fuses for pumps and fan motors.

### OPERATING TEMPERATURES:

Process fluid: 42°F to 70°F for standard units

Ambient air: 40°F to 115° for standard units (-20°F to 115°F for outdoor units with optional low ambient modifications)

### CONSTRUCTION:

All welded powder coated steel frame, powder coated carbon steel cabinet.

### WARRANTY:

One Year Parts; Five Year Compressor

## OPTIONS

- Flow Capacities (Pump Up-Grade)
- Labor Warranty
- Glycol
- Split System
- EZ Clean Filter
- Low Ambient Modification
- Pro-Tec Coil Coating
- Spare Parts Kit
- Hot Gas By Pass For Capacity Control

Note: All specifications subject to change without notice.

**Compare our Price and Warranty**

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