

# Cold Shot Chillers



**RUGGED  
DEPENDABILITY**

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

(5-TON UNIT 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

### 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

# Cold Shot Chillers

"ECONOMICALLY PRICED DEPENDABILITY"

## 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-E	ACWC-36-E	ACWC-60-E	ACWC-90-E	ACWC-120-D
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 54"H	38"L x 28"W x 54"H	44"L x 33"W x 56"H	44"L x 33"W x 66"H	80"L x 32"W x 68"H
WEIGHT	350 LBS	390 LBS	500 LBS	890 LBS	906 LBS
PUMP-HP	1	1	1	1-1/2	1-1/2
PUMP OUTPUT	30 GPM @ 30 PSI	30 GPM @ 30 PSI	30 GPM @ 30 PSI	55 GPM @ 30 PSI	55 GPM @ 30 PSI
TANK SIZE	25 GAL	25 GAL	25 GAL	41 GAL	41 GAL
PIPE SIZE - N.P.T.	3/4" IN , 1" OUT	3/4" IN , 1" OUT	3/4" IN , 1" OUT	1-1/4" IN , 1" OUT	1-1/4" IN , 1" OUT

\* 208/230 volt 1 phase units available.

### CONTROLS:

Electronic temperature controller with constant {set point/process temperature} LED readout on standard units. Electro-mechanical controls on some machines intended for outdoor service.

### REFRIGERATION COMPONENTS:

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

### PROCESS FLUID COMPONENTS:

Rugged stainless steel centrifugal pumps, bronze "Y" strainer with 20 mesh stainless steel screen, insulated stainless steel reservoir with shoe box lid.

### 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 {20° to 70°F for low temp units}  
Ambient air: 40°F to 115° for standard units {-20° to 115°F for outdoor units with low ambient modifications}

### CONSTRUCTION:

All welded powder coated steel frame, powder coated louvered carbon steel cabinet, 5" Phenolic casters with ball bearings and grease fittings.

### WARRANTY:

One Year Parts; Five Year Compressor

## OPTIONS

- Full Metal Cabinet
- Outdoor Service
- Low Temperature
- Spare Parts Kit
- Flow Capacities (Pump Up-Grade)
- Split System
- Reverse-Flow
- Hot Gas By-Pass For Capacity Control
- Labor Warranty
- Manual By-Pass
- Low Ambient Modification
- E-Z Clean Filter
- Pro-Tec Coil Coating

*Compare our Price and Warranty • You May Pay More for Less!*

Note: All specifications subject to change without notice.

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