

Cold Shot Chillers



**RUGGED
DEPENDABILITY**

50 thru 80-Ton Air-Cooled Portable Water Chillers



(60-TON UNIT SHOWN)

FEATURES

- Carrier Semi-Hermetic Reciprocating Compressors with Electrical Multi-Stage Unloading Down to 33%
- Stainless Steel/Copper Braze Plate
- External Brass Service Valves
- Large Copper Condensing Coil with Aluminum Fins
- Powder Coated, Heavy Gauge Steel Cabinet
- Rugged Stainless Steel Centrifugal Pumps with Safety Fuses
- Oversized Magnetic Contactors
- Polyethylene Tank

BENEFITS

- Long Life - Dependable - Economical to Operate
- Compact Efficiency
- Easy Maintenance and Repair
- 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	50-TON 600,000 BTU/HR	60-TON 720,000 BTU/HR	70-TON 840,000 BTU/HR	80-TON 960,000 BTU/HR
MODEL	ACWC-600-E	ACWC-720-E	ACWC-840-E	ACWC-960-E
COMPRESSORS-CARRIER	SEMI-HERMETIC RECIP.	SEMI-HERMETIC RECIP.	SEMI-HERMETIC RECIP.	SEMI-HERMETIC RECIP.
EVAPORATOR	STAINLESS STEEL COPPER BRAZED	STAINLESS STEEL COPPER BRAZED	STAINLESS STEEL COPPER BRAZED	STAINLESS STEEL COPPER BRAZED
FLUID CONNECTION	3" 150# FLG	3" 150 # FLG	4" 150# FLG	4" 150# FLG
FANS / CFM	4 / 35,000	6 / 52,000	6 / 52,000	6 / 52,000
CONDENSER COILS	COPPER TUBE ALUMINUM FIN	COPPER TUBE ALUMINUM FIN	COPPER TUBE ALUMINUM FIN	COPPER TUBE ALUMINUM FIN
VOLTAGE / PHASE	208/230/3 460/3	208/230/3 460/3	208/230/3 460/3	208/230/3 460/3
MINIMUM CIRCUIT AMPS	296.5/ 139.3	374.80 / 171.25	430.8 / 197.3	458.8/ 213.2
DIMENSIONS (APPROX)	16' L x 7' 5" W x 6'7" H	18' L x 7' 5" W x 7'5" H	18' L x 7' 5" W x 7'5" H	19' L x 8' W x 8'H
WEIGHT	5,000 LBS	5,500 LBS	5,500 LBS	6,500 LBS
PUMP-HP	15	15	20	20
PUMP OUTPUT	225 GPM @ 56 PSI	225 GPM @ 56 PSI	335 GPM @ 54 PSI	335 GPM @ 54 PSI
TANK SIZE	500 GALLON	500 GALLON	500 GALLON	500 GALLON
TANK CONSTRUCTION	INSULATED POLYETHYLENE	INSULATED POLYETHYLENE	INSULATED POLYETHYLENE	INSULATED POLYETHYLENE

CONTROLS:

Three stage electronic temperature controller* with dual LED readout. (set point / process temperature)

REFRIGERATION COMPONENTS:

Carrier semi-hermetic reciprocating compressors with electrical unloading, sight glass, moisture indicators, balance port expansion valves, liquid line solenoids, filter drier, pump down valves, dual circuit stainless steel brazed plate evaporator, fan cycling head pressure controls.

PROCESS FLUID COMPONENTS:

Rugged stainless steel centrifugal pump, insulated polyethylene reservoir.

SAFETY CONTROLS:

High/low pressure safety, internal overloads, thermal overloads and/or safety fuses or circuit breakers for pump, compressor and fan motors, low water flow safety with manual reset, freeze safety, oil pressure.

SAFETY CONTROLS:

Process fluid: 42°F to 70°F for standard units (20°F to 70°F for low temp units)

Ambient air: 40°F to 115°F for standard units (0°F for outdoor units with low ambient modifications)

CONSTRUCTION:

Galvanized frame, powder coated steel cabinet.

WARRANTY:

One year parts / five year compressor.

*THREE STAGE CONTROLLER IS STANDARD. ALL UNITS ARE AVAILABLE WITH UP TO SIX STAGES

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

Note: All specifications subject to change without notice.

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