

Cold Shot Chillers



**RUGGED
DEPENDABILITY**

25, 30 and 40-Ton Air-Cooled Portable Water Chillers



(25-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
- Polyethelene 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

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"ECONOMICALLY PRICED DEPENDABILITY"

TECHNICAL SPECIFICATIONS

CAPACITY ± 5% AT 50° LCWT/95° AMBIENT	25-TON 300,000 BTU/HR	30-TON 360,000 BTU/HR	40-TON 480,000 BTU/HR
MODEL	ACWC-300-E	ACWC-360-E	ACWC-480-E
COMPRESSORS - CARRIER	SEMI-HERMETIC RECIP. (1) 25 HP	SEMI-HERMETIC RECIP. (1) 30 HP	SEMI-HERMETIC RECIP. (1) 40 HP
EVAPORATOR	STAINLESS STEEL / COPPER BRAZED	STAINLESS STEEL / COPPER BRAZED	STAINLESS STEEL / COPPER BRAZED
FLUID CONNECTION	2" NPT	2" NPT	2" NPT
FANS / CFM	2 / 15,700	2 / 15,700	3 / 15,700
CONDENSER COILS	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
MINIMUM CIRCUIT AMPS	151.4 73.0	172.3 81.0	229.75 103.25
DIMENSIONS (APPROX.)	5'4"W x 10'8"L x 4'4"H	5'4"W x 10'8"L x 4'4"H	5'4"W x 14'6-1/2"L x 4'8"H
WEIGHT	2200 LBS	2400 LBS	3000 LBS
PUMP-hp	7.5	7.5	7.5
PUMP OUTPUT	160 GPM @ 30 PSI	160 GPM @ 30 PSI	160 GPM @ 30 PSI
TANK SIZE	150 GAL	150 GAL	250 GAL
TANK CONSTRUCTION	Insulated Polyethelene	Insulated Polyethelene	Insulated Polyethelene

CONTROLS:

Three Stage Electronic temperature controller with LED readout.

REFRIGERATION COMPONENTS:

Semi-Hermetic Reciprocating 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 polyethelene reservoir.

SAFETY CONTROLS:

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

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 (0° to 115°F for outdoor units with low ambient modifications)

CONSTRUCTION:

Galvanized steel frame, powder coated carbon steel cabinet.

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
- Coil Coating
- Manual By-Pass
- Low Ambient Modification
- E-Z Clean Filter
- Ask for Our 1 Year Labor Warranty

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

Note: All specifications subject to change without notice.

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