

Cold Shot Chillers®



**RUGGED
DEPENDABILITY**

2 through 12.5-Ton Air-Cooled Portable Medical Chillers



(7.5 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

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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	12 1/2 -TON 150,000 BTU/HR
MODEL	ACWC-24-DM	ACWC-36-DM	ACWC-60-DM	ACWC-90-DM	ACWC-120-DM	ACWC-150-DM
COMPRESSOR	HERMETIC SCROLL	HERMETIC SCROLL	HERMETIC SCROLL	HERMETIC SCROLL	TANDEM HERMETIC SCROLL	TANDEM HERMETIC SCROLL
REFRIGERANT	R410A	R410A	R410A	R410A	R410A	R410A
CONDENSER COILS	COPPER TUBE / ALUMINUM FIN	COPPER TUBE / ALUMINUM FIN	COPPER TUBE / ALUMINUM FIN	COPPER TUBE / ALUMINUM FIN	COPPER TUBE / ALUMINUM FIN	COPPER TUBE / ALUMINUM FIN
CONDENSER FAN /CFM	1 / 1,920	1 / 3,200	1 / 3,500	1 / 4,700	2 / 6,000	2 / 12,000
EVAPORATOR	STAINLESS STEEL / COPPER BRAZED	STAINLESS STEEL / COPPER BRAZED	STAINLESS STEEL / COPPER BRAZED	STAINLESS STEEL / COPPER BRAZED	STAINLESS STEEL / COPPER BRAZED	STAINLESS STEEL / COPPER BRAZED
CHILLER PUMP	1 HP	1 HP	1 HP	1 HP	1 1/2 HP	1 1/2 HP
CHILLER PUMP OUTPUT	30 GPM @ 30 PSI	30 GPM @ 30 PSI	30 GPM @ 30 PSI	30 GPM @ 30 PSI	55 GPM @ 30 PSI	55 GPM @ 30 PSI
PROCESS PUMP	1 HP	1 1/2 HP	1 1/2 HP	1 1/2 HP	2 HP	2 HP
PROCESS PUMP OUTPUT	30 GPM @ 30 PSI	45 GPM @ 30 PSI	45 GPM @ 30 PSI	45 GPM @ 30 PSI	55 GPM @ 30 PSI	55 GPM @ 30 PSI
FLUID CONNECTION (IN/OUT)	1" MNPT	1 1/4" MNPT	1 1/4" MNPT	1 1/4" MNPT	1 1/4" MNPT	2" MNPT
VOLTAGE/PHASE/ 60 HZ	208/230V / 1ø	208/230V / 3ø 480V/3ø	208/230V / 3ø 480V/3ø	208/230V / 3ø 480V/3ø	208/230V / 3ø 480V/3ø	208/230V / 3ø 480V/3ø
MINIMUM CIRCUIT AMPS (MCA)	34.5	26.2 13.1	37 17	47.5 23.8	58.2 33.5	60.25 30.6
TANK SIZE	25 GALLON	41 GALLON	41 GALLON	41 GALLON	41 GALLON	80 GALLON
TANK CONSTRUCTION	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
DIMENSIONS (APPROX.)	40" L x 28" W x 48" H	44" L x 33" W x 56" H	44" L x 32" W x 60" H	44" L x 32" W x 60" H	62" L x 40" W x 69" H	75" L x 40" W x 69" H
WEIGHT	400 LBS	675 LBS	550 LBS	950 LBS	1,000 LBS	2,200 LBS

Note: All specifications subject to change without notice.

Controls:

Electronic temperature controller with constant leaving fluid temperature LED readout.

Refrigeration Components:

Efficient scroll compressors, sight glass, moisture indicators, balance port expansion valves, filter drier, service valves, stainless steel brazed plate evaporator, fan cycling head pressure controls with low ambient speed control controller. Hot Gas Bypass for capacity control.

Process Fluid Components:

Stainless steel centrifugal pumps, bronze "Y" strainer with 20 mesh stainless steel screen, insulated stainless steel reservoir with shoe box lid. Process components to include low ambient heat trace cable.

Safety Controls:

High/low pressure safety, internal overloads for compressor and fan motors, safety fuses for pump, water flow switch.

Construction:

All welded power coated steel frame and cabinet.

Warranty:

One year parts / five year compressor.

Available Options:

- Automatic City Water Switchover Panel
- Manual City Water Switchover (Internal or External/Panel)
- Operating & Safety Indicator lights
- City Water Audible Alarm
- Remote Status Panel
- Panel Mount Water, Refrigeration, and Air Pressure Gauges
- Pump Capacity Upgrade
- Phase Monitoring Safety
- Compressed Air System
- Vibration Eliminators on All Outside Connections
- 150 Micron City Water Filter
- 150 Micron Chill Water Filter

Compare our Price and Warranty

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