



**RUGGED  
DEPENDABILITY**

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



(40-TON UNIT SHOWN)

### FEATURES

- Carlyle Semi-Hermetic Reciprocating Compressors with Electrical Multi-Stage Unloading Down to 33%
- Stainless Steel Braze Plate
- 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
- Stainless Steel Tank

### BENEFITS

- Long Life - Dependable - Economical to Operate
- Compact Efficiency
- Allows for Field Service Without Disassembly
- Easy Maintenance and Efficient
- Rugged Protection While Allowing for Easy Maintenance and Wash Down
- High Flow - Long Life - Dependable
- Rugged Dependability - Long Life
- Lifetime Warranty



## 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 RECIPROCATING	SEMI-HERMETIC RECIPROCATING	SEMI-HERMETIC RECIPROCATING
EVAPORATOR	STAINLESS STEEL / COPPER BRAZED	STAINLESS STEEL / COPPER BRAZED	STAINLESS STEEL / COPPER BRAZED
FLUID CONNECTION	2" MNPT	2" MNPT	2" MNPT
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/ 60HZ	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.)	5'9"W x 10'8"L x 4'4"H	5'9"W x 10'8"L x 4'4"H	5'9"W x 14'6-1/2"L x 4'8"H
WEIGHT	2200 LBS	2400 LBS	3000 LBS
PUMP	7.5 HP	7.5 HP	7.5 HP
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 Stainless Steel	Insulated Stainless Steel	Insulated Stainless Steel

### CONTROLS:

Multi Stage PLC temperature controller with Unloading down to 33%(optional 10%), LED readout.

### REFRIGERATION COMPONENTS:

Semi-Hermetic Reciprocating 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, bronze "Y" strainer with 20 mesh stainless steel screen, insulated stainless steel reservoir, with shoebox lid, level sight glass, fill and drain port.

### 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°F to 70°F for low leaving fluid temperature units)

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

### CONSTRUCTION:

Galvanized steel frame, powder coated carbon steel cabinet.

### WARRANTY:

One Year Parts; Five Year Compressor

## OPTIONS

- Flow Capacities  
(Pump Up-Grade)
- Split System
- Low Leaving Fluids
- Spare Parts Kit
- Coil Coating
- Manual By-Pass
- Reverse-Flow
- Multiple Pumps
- Line Phase Monitor Protection
- E-Z Clean Filter
- Low Ambient Modification
- 1 Year Labor Warranty

## Compare our Price and Warranty

Note: All specifications subject to change without notice.