



TECHNICAL SPECIFICATIONS

CAPACITY ± 5% AT 50° LCWT/95° AMBIENT	600,000 BTU/HR	720,000 BTU/HR	840,000 BTU/HR	960,000 BTU/HR
MODEL	ACWC-600-E	ACWC-720-E	ACWC-840-E	ACWC-960-E
COMPRESSORS	SEMI-HERMETIC RECIPROCATING	SEMI-HERMETIC RECIPROCATING	SEMI-HERMETIC RECIPROCATING	SEMI-HERMETIC RECIPROCATING
EVAPORATOR	STAINLESS STEEL / COPPER BRAZED	STAINLESS STEEL / COPPER BRAZED	STAINLESS STEEL / COPPER BRAZED	STAINLESS STEEL / COPPER BRAZED
FLUID CONNECTION (IN/OUT)	3" 150# FLG	3" 150# FLG	4" 150# FLG	4" 150# FLG
FANS / CFM	4 / 35,000	6 / 52,000	6 / 51,000	6 / 52,000
CONDENSER COILS	COPPER TUBE / ALUMINUM FIN	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	208/230/3 460/3
MINIMUM CIRCUIT AMPS	281 132	362 165	417 190	444 206
DIMENSIONS (APPROX.)	16' 4" L x 7' 5" W x 6' 7" H	18' L x 7' 5" W x 7' 4" H	18' L x 7' 5" W x 7' 4" H	19' L x 7' 8" W x 8' H
WEIGHT (APPROX.)	5,500 LBS	6,000 LBS	6,000 LBS	7,000 LBS
PUMP	15 H.P.	15 H.P.	20 H.P.	20 H.P.
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	HIGH-DENSITY POLYETHYLENE	HIGH-DENSITY POLYETHYLENE	HIGH-DENSITY POLYETHYLENE	HIGH-DENSITY POLYETHYLENE

CONTROLS:

Digital temperature controller with constant (set point/process temperature) LED readout.

REFRIGERATION COMPONENTS:

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

PROCESS FLUID COMPONENTS:

Rugged stainless steel centrifugal pump, insulated polyethylene reservoir with plastic fluid level indicator, and drain port.

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 auto reset, "freeze safety" with auto reset, oil pressure safety.

SAFETY CONTROLS:

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

CONSTRUCTION:

Galvanized frame, powder coated steel cabinet.

WARRANTY:

One year parts / five year compressor.

OPTIONS

- Flow Capacities (Pump Up-Grade)
- Manual By-Pass
- Reverse-Flow
- Spare Parts Kit
- Labor Warranty
- EZ Clean Filter
- Low Ambient Modification
- Line Phase Monitor Protection
- Multiple Pumps
- Low Leaving Fluid Temperature
- Pro-Tec Coil Coating
- Flow Meters