



ACWC-90-Q

Single stage air-cooled industrial water chiller used for counter cooling water-cooled JULABO PRESTO systems and general industrial cooling applications. This portable unit can operate indoors or outdoors with ambient conditions from 4.4 °C to 35 °C / 40 °F to 95 °F; optional -17 °C to 35°C / 0 °F to 95 °F. Stated cooling capacity with a set point of 10 °C (50 °F) of 26.4 kW in 35 °C (95 °F) ambient conditions.



Working temperature range (°F/°C)	+20...+70 / -7...+21
Temperature stability (°F/°C)	±2 / ±2.2
Capacity ±5% at 10 °C / 95 °C Ambient	26.4 kW
Pump Capacity flow rate (L/min)	208 L/min 55 GPM
Pump Pressure (psi)	30
Pump connections	1-1/4" MNPT
Pump connection option	G 3/4" male
Compressor / Refrigerant	hermetic scroll / R410A
Condenser fans / airflow	1 / 5700 CFM
Filling volume, 304 SS tank with lid	41 gal / 155 L
Ambient Temperature	40 to +125 °F / 4 to 51 °C
Ambient Temperature option	to -20 °F / to -29 °C
Dimensions (LxWxH) inches	66 x 45 x 56
Weight, pounds	1000
Power options	
230V/3PPE/60Hz	MCA 45.1 A / MOCP 70 A
460V/3PPE/60Hz	MCA 21.7 A / MOCP 35 A
Warranty	1 year parts / 5 year compressor

MCA: minimum circuit amps

MOCP: maximum overcurrent protective device

Part Numbers

8891926.16	26kW cooling @ 10°C (7.5 tons of refrigeration); ambient temperature 4.5°C (40°F) up to 35°C (95°F) @ 230V/60Hz/3Ph
8891926.17	26kW cooling @ 10°C (7.5 tons of refrigeration); ambient temperature 4.5°C (40°F) up to 35°C (95°F) @ 460V/60Hz/3Ph
8891927.16	26kW cooling @ 10°C (7.5 tons of refrigeration); ambient temperature -28°C (-20°F) up to 35°C (95°F) @ 230V/60Hz/3Ph
8891927.17	26kW cooling @ 10°C (7.5 tons of refrigeration); ambient temperature -28°C (-20°F) up to 35°C (95°F) @ 460V/60Hz/3Ph

Standard Features

- Controls: Electronic programmed temperature controller with constant (set point & process) temperature readout.
- Refrigeration Components: Efficient scroll compressors, sight glass/moisture indicators, balanced port expansion valves, filter drier, pump down valves, fan cycling head pressure controls.
- Process Fluid Components: Bronze “Y” strainer with 20 mesh stainless steel screen. Pumps are stainless steel centrifugal. Tanks are insulated with shoe box lid, fill port, and level sight glass.
- Portable systems will include a bypass flow valve.
- Safety Controls: High and low refrigerant pressure, high and low fluid temperature, freeze, low water flow, overloads for compressor and fan motors, safety fuses or overloads for pump.
- Construction: Welded steel powder coated frame and full metal cabinet, copper piping connections.
- Warranty: One year parts / five year compressor.

Temperature °F	Temperature °C	Cooling Capacity Tons	Cooling Capacity kW	Pump Flow Rate
20	-6.7	4.04	14.2	22.5 gpm
25	-3.9	4.54	16	85.2 L/min
30	-1.1	5.1	17.9	
35	1.7	5.72	20.1	
40	4.4	6.43	22.6	
45	7.2	7.16	25.2	
50	10	7.95	28	
55	12.8	8.75	30.8	
60	15.6	9.62	33.8	

At ambient temperature of 85 °F / 29.4 °C

Temperature °F	Temperature °C	Cooling Capacity Tons	Cooling Capacity kW	Pump Flow Rate
20	-6.7	3.15	11.1	22.5 gpm
25	-3.9	3.54	12.4	85.2 L/min
30	-1.1	3.98	14	
35	1.7	4.47	15.7	
40	4.4	4.99	17.5	
45	7.2	5.52	19.4	
50	10	6.15	21.6	
55	12.8	6.75	23.7	
60	15.6	14.88	52.3	

At ambient temperature of 125 °F / 51.7 °C

Accessories

- 8891900** Digital Phase Line Voltage Monitor
- 8891901** CSC Guardian “Smart Chiller” Real Time Monitoring Package
- 8891903** Spare Parts Kit for 52.75kW or 70kW Industrial Chiller
- 8891904** Chiller Start-up Service for Industrial Chillers 26kW / 52.75kW / 70kW
- 8891905** 55 gal drum of Propylene Glycol for Industrial Chillers 26kW / 52.75 kW / 70kW