



QBS & ACW

FLUID CHILLERS & DRY COOLERS
UP TO 2 TONS

QBS Fluid Chillers provide maximum cooling capacity for industrial applications in a compact package.

Available in 115/1/60 and 230/1/60 versions, these units are rated up to ½ ton or greater capacity, depending on operating conditions.

FLUID CIRCUIT

- Insulated, stainless steel tank (unpressurized)
- Tank includes fill port, drain valve, level gauge, and level sensor
- Non-ferrous fluid circuit with peripheral pump

REFRIGERANT CIRCUIT

- Compressor: Hermetic reciprocating type
- Evaporator: Copper tube and fin design, immersed in the fluid tank
- Condenser: Copper tube and aluminum fin design with axial fan
- Circuit includes filter-dryer and capillary tube expansion device
- Environmentally friendly R134a refrigerant

ELECTRICAL AND UNIT CONSTRUCTION

- Microprocessor controller maintains fluid temperature, operates the pump and compressor, and displays alarm conditions
- Optional auto-adaptive controller
- IP20 electrical rating for indoor installation
- Powder-coated steel cabinet
- Optional wheel kit



CHILLER TECHNICAL DATA		QBS 001		QBS 002	
Model		115/1/60	230/1/60	115/1/60	230/1/60
Power Supply	[V/Ph/Hz]				
Cooling Capacity ⁽¹⁾	[tons]	0.31	0.31	0.44	0.49
Fluid Flow Rate	[gal/min]	0.8	0.8	1.2	1.3
Pressure	[psig]	52	52	46	43
Tank Capacity	[gal]	4.0		4.0	
Fluid Connection Type	---	NPT(F)		NPT(F)	
Fluid Connection Size	[inch]	3/8		3/8	
Width	[inch]	18.4		18.4	
Depth	[inch]	20.2		20.2	
Height	[inch]	24.0		24.0	
Weight	[lb]	82		82	

(1) Rating point: 77°F Ambient, 68°F Fluid inlet, 59°F Fluid outlet. Contact factory for alternate operating conditions.

OPERATING LIMITS:

- Outlet fluid temperature (min/max): 41°F/77°F
- Ambient temperature (min/max): 50°F/104°F

Specifications subject to change without notice.

ACW Dry Coolers are designed for industrial applications with fluid temperatures above ambient.

These units provide up to 2 tons of cooling capacity and are available in both 115/1/60 and 230/1/60 versions.

FLUID CIRCUIT

- Plastic tank (unpressurized)
- Tank includes fill port, drain valve, and level gauge
- Non-ferrous fluid circuit with peripheral pump

COOLING CIRCUIT

- Copper tube and aluminum fin heat exchanger
- Axial fan

ELECTRICAL AND UNIT CONSTRUCTION

- Disconnect switch standard
- Optional electronic controller
- IP20 electrical rating for indoor installation
- Powder-coated steel cabinet
- Optional wheel kit



DRY COOLER TECHNICAL DATA		Model		ACW001		ACW002	
				115/1/60	230/1/60	115/1/60	230/1/60
Power Supply	[V/Ph/Hz]						
Cooling Capacity ⁽¹⁾	[tons]			0.19	0.19	0.40	0.40
Fluid Flow Rate	[gal/min]			0.4	0.4	0.9	0.9
Pressure	[psig]			60	60	51	51
Tank Capacity	[gal]			0.5		0.5	
Fluid Connection Type	---			NPT(F)		NPT(F)	
Fluid Connection Size	[inch]			3/8		3/8	
Width	[inch]			17.1		17.1	
Depth	[inch]			19.6		19.6	
Height	[inch]			18.0		18.0	
Weight	[lb]			57		57	

(1) Rating point: 68°F Ambient, 87°F Fluid inlet, 77°F Fluid outlet. Contact factory for alternate operating conditions.

OPERATING LIMITS:

- Inlet fluid temperature (min/max): 41°F/131°F
- Ambient temperature (min/max): 41°F/104°F

Specifications subject to change without notice.

ADDITIONAL PRODUCTS AND SERVICES FROM CHASE COOLING SYSTEMS

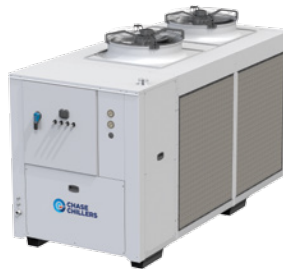
QBE

FLUID CHILLERS
0.6 TO 7 TONS



CWE/HWE

FLUID CHILLERS AND HEAT PUMPS
3 TO 40 TONS



CWB

FLUID CHILLERS
28 TO 150 TONS



REMOTE MONITORING



DRY COOLERS



PUMPS & PUMP SKIDS



HEAT TRANSFER FLUIDS & CHEMICALS



FILTERS & STRAINERS



HEAT EXCHANGERS



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