

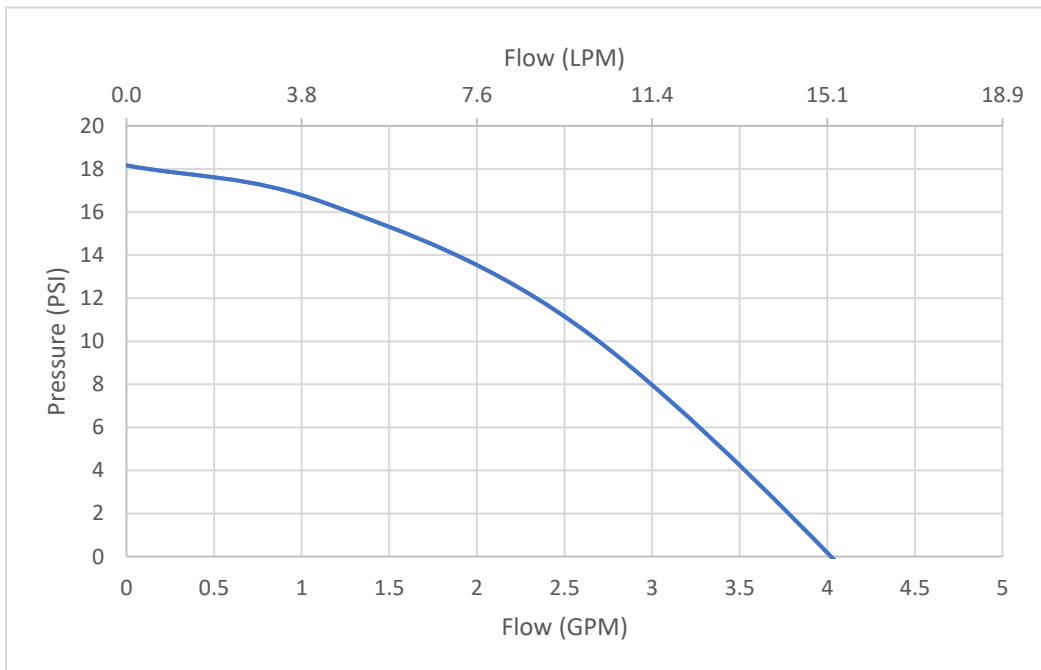
Technical Information

General Specifications (all Chillers)

Flow Rate @ 0 PSI	4 GPM / 15 LPM
Temperature Set Point Resolution	0.1°C
Temperature Stability	±0.1°C
Temperature Units	°C or °F
Pressure Units	psi or kPa
Pressure Display Resolution Pressure Display Accuracy	1 psi / 6.9 kPa ±3.5% of full scale (75PSI)
Pump Inlet and Outlet	½ inch NPT
Pump Pressure (Varies with Speed)	Up to 18 PSI / 124 kPa
Reservoir Capacity	0.4 gal / 1.5 liters
Unit Dimensions (L x W x H)	18.25" x 9.1" x 18.5" (463 x 231 x 470 mm)

Pump Performance

Magnetic Drive Pump



R134a Performance Specifications — 60Hz Chillers

Model	BA05 (60Hz)	BA06 (60Hz)
Operating Temperature	-10° to 30°C	-20° to 30°C
Cooling Capacity @		
20°C	450 watts 1535 BTU/hr	900 watts 3069 BTU/hr
10°C	400 watts 1364 BTU/hr	625 watts 2132 BTU/hr
0°C	275 watts 938 BTU/hr	330 watts 1126 BTU/hr
-10°C	100 watts 341 BTU/hr	150 watts 512 BTU/hr
Shipping Weight	78.2 pounds 35.5 kg	78.2 pounds 35.5 kg
Voltage Range	120V	
Full Load Amps	8A	8A

R134a Performance Specifications — 50Hz Chillers

Model	BA05 (50Hz)	BA06 (50Hz)
Operating Temperature	-10° to 30°C	-20° to 30°C
Cooling Capacity @		
20°C	375 watts 1279 BTU/hr	800 watts 2728 BTU/hr
10°C	300 watts 1023 BTU/hr	590 watts 2012 BTU/hr
0°C	210 watts 717 BTU/hr	325 watts 1109 BTU/hr
-10°C	70 watts 239 BTU/hr	140 watts 478 BTU/hr
Shipping Weight	78.2 pounds 35.5 kg	78.2 pounds 35.5 kg
Voltage Range	220 to 240V	
Full Load Amps	5A	5A

Specifications subject to change without notice.

Notes: Refer to the serial number plate on the rear of the Chiller for model and electrical data.
Cooling capacity (watts x 3.41) = BTU/hour. Performance specifications determined at ambient temperature of 20°C (68°F).

Environmental Conditions	Indoor use only	
	Maximum Altitude:	2000 meters
	Operating Ambient:	5° to 40°C
	Relative Humidity:	80% for temperatures to 40°C
	Installation Category	II
	Pollution Degree:	2
	Sound Level:	Less than 70 dB(A) A-weighted emission sound pressure level