

Cooling Systems

PolyScience® WhisperCool™ Refrigerated Chiller

The PolyScience® WhisperCool® Refrigerated Chiller is designed to deliver quiet and reliable performance over a broad range of operating temperatures and conditions. Extremely dependable and energy efficient, it features a -10 to 40 °C operating temperature range, built-in process and equipment protection, and highly intuitive user interface. This chiller is designed for use on both ICP-OES and ICP-MS instruments.

Features and Benefits

- 50% quieter operation than comparable models (62 dB*)
- 2900 watts (9889 BTU/hour) cooling capacity
- Built-in temperature, pressure, and flow rate alarms

* WhisperCool® environmental control reduces operational noise (62 dB)

Part No.	N0772046	N0772045	
Electrical Requirements	208-230 V, 60 Hz, 12.2 A	240 V, 50 Hz, 12.2 A	
Operating Temperature Range	-10 to 40 °C	-10 to 40 °C	
Temperature Stability	±0.1 °C (±1.8 °F)	±0.1 °C (±1.8 °F)	
Cooling Capacity	at 20 °C at 10 °C at 0 °C	2900 Watts (9889 BTU/hr) 1925 Watts (6574 BTU/hr) 1000 Watts (3410 BTU/hr)	2650 Watts (9889 BTU/hr) 1900 Watts (6574 BTU/hr) 1200 Watts (3410 BTU/hr)
Compressor	1.0 HP	1.0 HP	
Reservoir Capacity	4.2 L	4.2 L	
Pump Type	Turbine	Turbine	
Maximum Pump Pressure	90 PSI	83 PSI	
Maximum Pump Flow	13.2 L/min	13.2 L/min	
Dimensions	22 5/8 x 14 1/2 x 27 5/8 in. / 57.6 x 36.8 x 70.2 cm		
Shipping Weight	189 lbs. / 85.7 kg		
Replacement Air Filter	N0777095 (Air Filter with Frame, 13 x 14 in.)		
ICP Chiller Coolant Mix	N0776200 (Five Half-gallon bottles)		
ICP-MS Chiller Coolant Mix	WE016558 (1 L bottles) for ELAN/NexION		
Stainless Steel Strainer for Reservoir	N0691907		

ICP Chiller Coolant Mix
Part No: **N0776200**

