

Portable Chillers – DuraChill™ – 2 to 3 HP

Key Specifications

Working Temperature:	+5° to 35°C
Temperature Stability:	±0.5°C
Cooling Capacity:	Up to 10,936 W @ 20°C
Reservoir Capacity:	7 gallons/26.5 liters
Overall Dimensions (L x W x H):	30.5 x 37 x 42" 78 x 94 x 107 cm



Features:

- High capacity cooling for lasers, EDM equipment, injection molding, and other heat removal applications
- Displays temperature and pressure or flow rate simultaneously
- User-adjustable temperature, pressure, and flow rate alarms
- Easy to operate and maintain



	Air Cooled 2.0 HP		Air Cooled 3.0 HP		Water Cooled 3.0 HP	
Temperature Range	41° to 95°F/5° to 35°C					
Temperature Stability	±0.9°F/±0.5°C					
Power Requirements¹ (VAC/Hz/PH)	240/60/3	220/50/3	240/60/3	220/50/3	240/60/3	220/50/3
Cooling Capacity² @ 20°C (W/BTU)	7,000/ 23,870	6,160/ 21,006	10,500/ 35,805	9,240/ 31,508	10, 936/ 37,292	9,624/ 32,817
Standard Pump	1/3 HP Centrifugal					
Maximum Pressure psi (bar)	20.5 (1.41)	17.1 (1.2)	20.5 (1.41)	17.1 (1.2)	20.5 (1.41)	17.1 (1.2)
Maximum Flow gpm (l/min)	12 (45.1)	10 (37.6)	12 (45.1)	10 (37.6)	12 (45.1)	10 (37.6)

1. 230/60/1, 460/60/3, 240/50/1, and 380/50/3 also available.
2. Cooling capacity based on 20°C/68°F entering air and 20°C/68°F leaving water. Allowance made for heat gain from pump.
DuraChill™ Chillers are available with a wide selection of factory installed options. Contact us for help in selecting the chiller size and configuration that best meets your heat removal requirements. See pages 109 through 112 for DuraChill™ options and accessories.