

Portable Chiller – DuraChill™ – 5 to 10 HP

Key Specifications

Working Temperature: 0° to 30°C





Temperature Stability: ±1.11°C

Cooling Capacity: Up to 33,436 W @ 35°C Ambient



Features:

- High capacity cooling for plasma torch cutting, machine tool hydraulics, high powered lasers, and other high heat generating processes and equipment
- Displays temperature and pressure or flow rate simultaneously
- User-adjustable temperature, pressure, and flow rate alarms
- Easy to operate and maintain
- Wide variety of options available

	 Air Cooled 5.0 HP		Air Cooled 7.5 HP		Air Cooled 10.0 HP	
Temperature Range	32° to 86°F/ 0° to 30°C					
Temperature Stability	±2.0°F/±1.11°C					
Power Requirements ¹ (VAC/Hz/PH)	240/60/3	220/50/3	460/60/3	380/50/3	460/60/3	380/50/3
Cooling Capacity ² @ 35°C ambient (W/BTU)	16,384/ 55,869	14,418/ 50,515	22,361/ 76,251	19,678/ 67,102	33,436/ 114,016	29,424/ 100,336
Standard Pump	1 HP Centrifugal				2 HP Centrifugal	
Maximum Pressure psi (bar)	40 (2.8)	33 (2.3)	40 (2.8)	33 (2.3)	55 (3.8)	46 (3.2)
Maximum Flow gpm (l/min)	50.2 (190)	42 (158)	50.2 (190)	42 (158)	64.7 (245)	53 (200)
Reservoir Capacity (gallons/liters)	16/60.5			45/170		
Overall Dimensions (L x W x H)	56 x 34.5 x 67" (142.2 x 88 x 170.2 cm)				77 x 34.5 x 68.2" (195.5 x 88 x 173.2 cm)	

1. 575/60/3 also available.

2. Cooling capacity based on 35°C/95°F entering air, 49°C/120°F condensing temperature, and 10°C/50°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.