

Портативные охладители DuraChill

Технические характеристики

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Portable Chillers – DuraChill™ 6860 – 1.5 HP

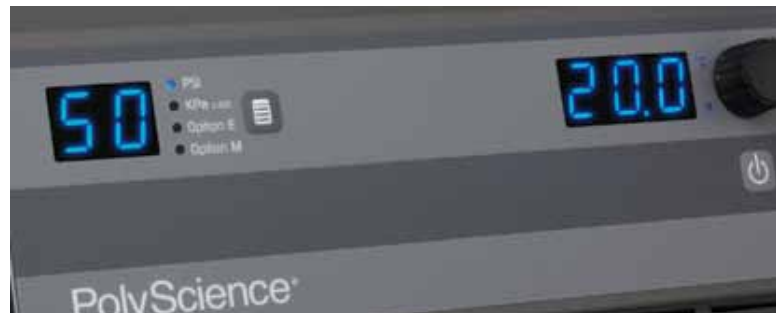
Key Specifications

Working Temperature: +5° to 35°C
 Temperature Stability: ±0.5°C
 Cooling Capacity: Up to 6,328 W @ 20°C
 Reservoir Capacity: 3.5 gallons/13.25 liters
 Overall Dimensions (L x W x H): 30.5 x 19 x 26"
 78 x 48 x 66 cm



Features:

- High capacity cooling for lasers, electron microscopes, and other laboratory applications
- Small footprint conserves floor space
- Displays temperature and pressure or flow rate simultaneously
- User-adjustable temperature, pressure, and flow rate alarms
- Simple operation and low maintenance
- Wide variety of options available



Dual displays provide ready access to both temperature and process pressure/flow rate information.



C 155859 US

	Air Cooled 1.5 HP		Water Cooled 1.5 HP	
Temperature Range	41° to 95°F/5° to 35°C			
Temperature Stability	±0.9°F/±0.5°C			
Power Requirements ¹ (VAC/Hz/PH)	230/60/1	240/50/1	230/60/1	240/50/1
Cooling Capacity ² @ 20°C (W/BTU)	5,200/17,732	4,576/15,604	6,328/21,578	5,569/18,990
Standard Pump	1/4 HP Positive Displacement			
Maximum Pressure psi (bar)	100 (6.9)	83 (5.7)	100 (6.9)	83 (5.7)
Maximum Flow gpm (l/min)	3.5 (13.2)	2.9 (11)	3.5 (13.25)	2.9 (11)
Part Number 230 VAC/60 Hz	6860P46A270D		6960P46A270D	
Part Number 240 VAC/50 Hz	6850P46A270E		6950P46A270E	

1. 220/50/3, 230/60/3, 460/60/3, 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. Electrical plugs for the part numbers listed are standard U.S. and European types. See page 128 for additional plug types and part numbers. 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.

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 Requirements ¹ (VAC/Hz/PH)	240/60/3	220/50/3	240/60/3	220/50/3	240/60/3	220/50/3
Cooling Capacity ² @ 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.

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
Cooling Capacity ² @ 35°C ambient (W/BTU)	16,384/ 55,869	14,418/ 50,515	22,361/ 76,251
Standard Pump	1 HP Centrifugal		2 HP Centrifugal
Maximum Pressure psi (bar)	40 (2.8)	33 (2.3)	40 (2.8)
Maximum Flow gpm (l/min)	50.2 (190)	42 (158)	50.2 (190)
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.

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