

DuraChill Series 0.25HP

CA02A1T1-41AA1N 120V 60hz

Key Specifications

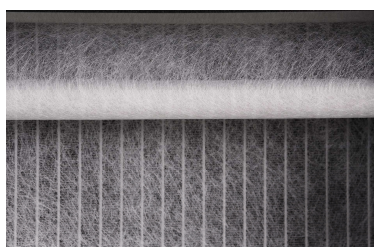
Working Temperature:	-10 to 70°C / 14 to 158°F		
Temperature Stability:	±0.1°C		
Power Requirements:	120V, 60Hz, 13.7A		
Reservoir Capacity (gallons/liters):	1.0 / 3.8		
Overall Dimensions (L x W x H):	26.0 x 15.0 x 21.8in (66 x 38.1 x 55.4cm)		
Pump type:	Turbine Pump, 1/3HP, AB		
Refrigerant type:	R5134a		
Refrigerant mass:	320g (0.2 tonnes CO2 eq)		
Process Connections:	1/2 inch female NPT		
Cooling Capacity:	1.00	kW @ 20°C	
	0.65	kW @ 10°C	
	0.28	kW @ 0°C	
Sound Pressure Level @ 1m:	Full Load - 61.2 dBA*		
	No Load - 60.3 dBA*		
	*Based on 1HP models		

Fluid: Standard Fluid, Water, 50/50 Glycol

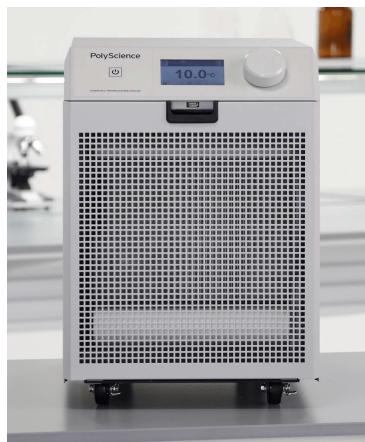
- 4.3" Full-Color TFT Touchscreen
- Front-fill reservoir
- Capacitive Liquid Fill-Level Sensor
- Patented WhisperCool® and Cool Command™
- Ultraviolet Anti-biological light
- Four 2" swivel casters, front locking
- Compact, portable design takes up less floor space
- Cooling at ambient temperatures as high as 35°C
- User-adjustable temperature and pressure alarms

WhisperCool® Environmental Control System is the patented adaptive technology that noticeably reduces noise, optimizes compressor and evaporator performance, decreases overall energy consumption and prolongs compressor life.

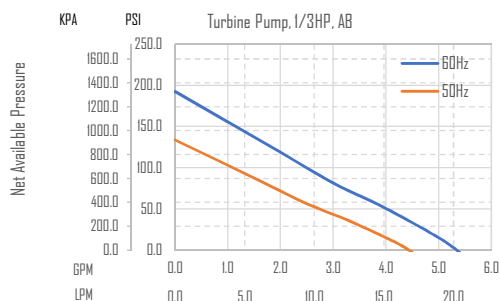
Cool Command™ is the modulated refrigeration system that allows refrigeration to be activated at higher temperatures, providing faster cool downs and optimizing energy efficiency.



Patent-pending Self-Cleaning Dynamic Filter System ensures maximum airflow and consistent operation.



- RS-232 Connectivity
- Status Relay
- Dry Contact



PolyScience®
Temperature Control Solutions®

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