

DuraChill Series 1.0HP

CA10A3T1-41AA1N

208-240V 60hz

Key Specifications

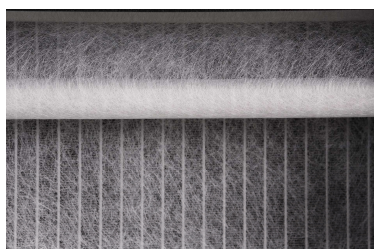
Working Temperature:	-10 to 70°C / 14 to 158°F
Temperature Stability:	±0.1°C
Power Requirements:	230V, 60Hz, 13.5A
Reservoir Capacity (gallons/liters):	1.0 / 3.8
Overall Dimensions (L x W x H):	26.0 x 15.0 x 21.8in (66 x 38.1 x 55.4cm)
Pump type:	Turbine Pump, 1/3HP, AB
Refrigerant type:	R513a
Refrigerant mass:	367g (0.2 tonnes CO2 eq)
Process Connections:	1/2 inch female NPT
Cooling Capacity:	2.75 kW @ 20°C 2.05 kW @ 10°C 1.30 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

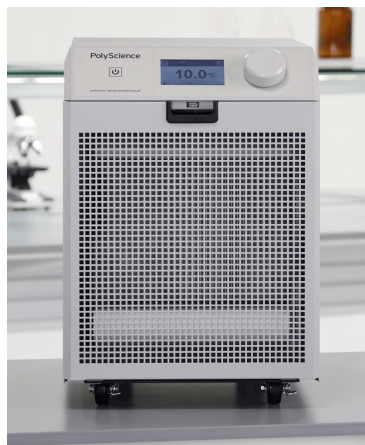
- 4.3" Full-Color TFT Touchscreen
- Front-fill reservoir
- Capacitive Liquid Fill-Level Sensor
- Patented WhisperCool® and Cool Command™
- Ultraviolet Anti-biological light
- Four 2" swivel casters, front locking
- Compact, portable design takes up less floor space
- Cooling at ambient temperatures as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

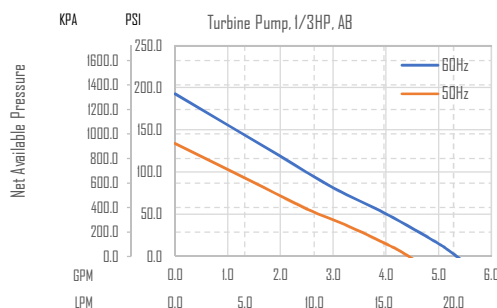
Cool Command™ is the modulated refrigeration system that allows refrigeration to be activated at higher temperatures, providing faster cool downs and optimizing energy efficiency.



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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