



BLDC Compressor

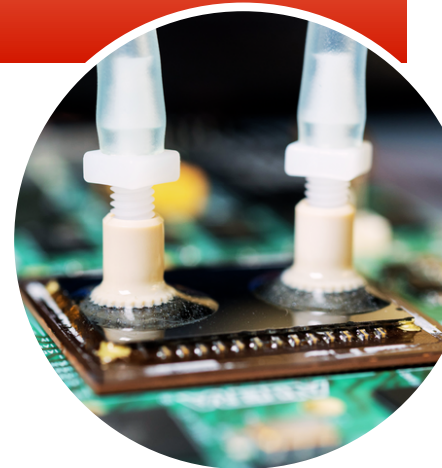
**COMPACT
LIGHTWEIGHT**

**DURABLE
PORTABLE**

**INDUSTRIAL
RELIABILITY**

Mini Water Chiller

**MICRO WATER COOLING SOLUTIONS FOR
CUSTOMIZED REFRIGERATION.**



BACKGROUND

Mini Water Chiller is an ultra-compact solution for micro-liquid cooling applications, offering unparalleled flexibility. The premier chiller features a high-efficiency mini compressor, refrigerant included, and integrated refrigeration components for optimal performance. Ideal for clients adept at system control, it allows seamless integration with user's applications.

With sophisticated design and the latest micro cooling solutions, RIGID continues to engineer cutting-edge micro and portable refrigeration systems for diverse OEM and ODM projects.



**Small
Footprint**

The Plate Liquid Chiller combines all key parts in one unit, maximizing space with smart design & integration.



**Optimal
Performance**

Variable speed PCB integration allows users to control compressor speed, ensuring the chiller performs optimally.



**High
Efficiency**

Brushless DC mini compressor works quiet, and provide peak cooling performance with variable speeds.





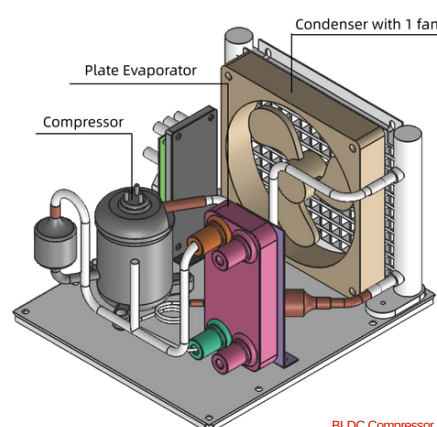
Mini Water Chillers

Model	DV1910E-P(S)	DV1920E-P(S)	DV1930E-P(S)
Voltage	12V	24V	48V
Refrigerant	R134a	R134a	R134a
Cooling Capacity	130W (LBP)	130W (LBP)	130W (LBP)
Weight	3.0kgs (6.6lbs)	3.0kgs (6.6lbs)	3.0kgs (6.6lbs)
Rated Current	1A ~8A (Max 10A)	1A~7A (Max 8.5A)	1A ~4A (Max 7.5A)
Compressor	Single cylinder motor	Single cylinder motor	Single cylinder motor
Motor Type	Brushless Inverter	Brushless Inverter	Brushless Inverter
Motor Speed	2,000~6,000rpm	2,000~6,000rpm	2,000~6,500rpm
Dimension	200x230x145mm (7.87x9.05x5.7 inch)	200x230x145mm (7.87x9.05x5.7 inch)	200x230x145mm (7.87x9.05x5.7 inch)
PCB	Drive Board Included	Drive Board Included	Drive Board Included

FEATURES & BENEFITS

Mini Water Chiller is a compact and effective cooling solution. It incorporates a high-performance mini compressor with refrigerant, seamlessly integrating the smallest condenser, plate evaporator, and filter drier for dependable refrigeration.

The added feature of a BLDC compressor driver board enables users to tailor compressor speed for peak performance. Versatility is key, making it suitable for a range of applications such as beverage dispensers, medical equipment, portable cooling units, electronics cooling, and laboratory instruments.



BLDC Compressor



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APPLICATIONS

- Battery
- Electronics
- Medical Device
- Laser&CO2
- Wine Dispenser
- Portable Coolers

