



BLDC Compressor

**COMPACT  
LIGHTWEIGHT**

**DURABLE  
PORTABLE**

**INDUSTRIAL  
RELIABILITY**

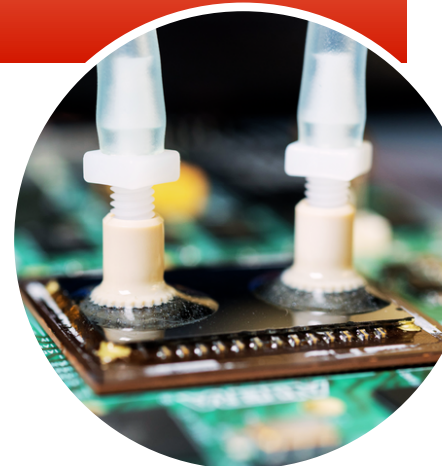
# Plate Liquid Chiller

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

## BACKGROUND

RIGID Plate Liquid Chiller, a high-efficiency compact refrigeration solution featuring a mini compressor, refrigerant included, and advanced components for seamless integration. Ideal for clients seeking micro cooling solutions, the plate chiller ensures easy installation. Perfect for those with system control capabilities, the chiller allows for customization, enabling OEM clients to connect their application's controller for optimal performance.

Explore our cutting-edge micro and portable water chillers tailored for 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.





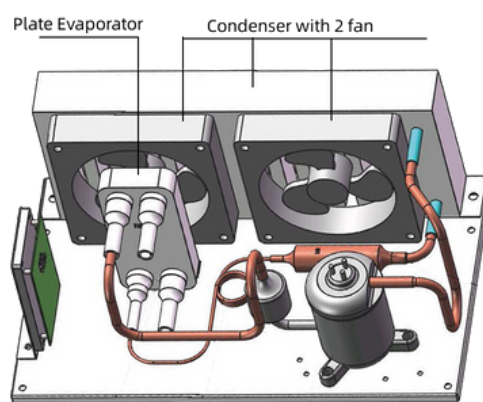
# Plate Liquid Chillers

Model	DV1910E-P	DV1920E-P	DV1930E-P	DV3220E-P	DV2820E-P	DV2820E-P-T
Voltage	12V	24V	48V	24V	24V	24V
Refrigerant	R134a	R134a	R134a	R134a	R134a	R290
Cooling Capacity	130W (LBP)	130W (LBP)	130W (LBP)	200W (LBP)	230W (LBP)	250W (LBP)
Weight	3.5kgs (7.7lbs)	3.5kgs (7.7lbs)	3.5kgs (7.7lbs)	4.0kgs (8.82lbs)	4.0kgs (8.82lbs)	4.0kgs / 8.82lbs
Rated Current	1A ~8A (Max 10A)	1A~7A (Max 8.5A)	1A ~4A (Max 7.5A)	1~10.3A (Max 12.5A)	1~8.3A, (Max 12A)	1~8.3A, (Max 12A)
Compressor	Single cylinder motor	Single cylinder motor	Single cylinder motor	Single cylinder motor	Dual-cylinder motor	Dual-cylinder motor
Motor Type	Brushless Inverter	Brushless Inverter	Brushless Inverter	Brushless Inverter	Brushless Inverter	Brushless Inverter
Motor Speed	2,000~6,000rpm	2,000~6,000rpm	2,000~6,500rpm	2,000~4,000rpm	1,800~4,500rpm	1,800~4,500rpm
Dimension	330x200x138mm (13x7.9x5.4inch)	330x200x138mm (13x7.9x5.4inch)	330x200x138mm (13x7.9x5.4inch)	330x200x180mm (13x7.9x7.0inch)	330x200x150mm (13x7.9x5.9inch)	330x200x150mm (13x7.9x5.9inch)
PCB	Drive Board Included	Drive Board Included	Drive Board Included	Drive Board Included	Drive Board Included	Drive Board Included

## FEATURES & BENEFITS

The Plate Liquid Chiller offers a compact and efficient cooling solution, featuring a high-performance mini compressor with refrigerant. Its streamlined design integrates the smallest condenser, plate evaporator, and filter drier, ensuring reliable refrigeration.

The inclusion of a BLDC compressor driver board allows users to customize compressor speed for optimal performance. Versatile for OEM and ODM projects, is well-suited for various applications, including beverage dispensers, medical equipment, portable cooling units, electronics cooling, and laboratory instruments.



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## APPLICATIONS

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

