

Thermo-chiller Circulating Fluid for Semiconductor Industries Ethylene Glycol Compatible Model Guide

Advantages of Ethylene Glycol

Availability

The circulating fluid can be supplied by SMC.

Initial cost

Cheaper than that for fluorinated fluids

Energy saving

CO₂ (power consumption) emissions equal to or less than fluorinated fluids

* Because the specific gravity of the circulating fluid is light with respect to the pump

Temperature range

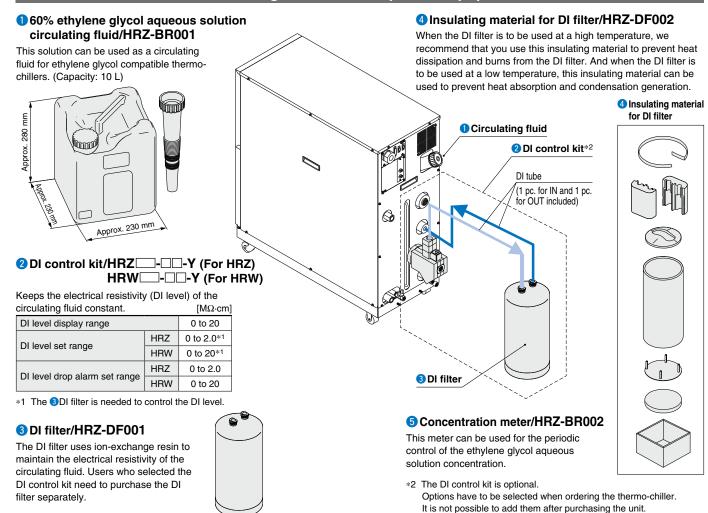
Set temperature range –20 to 90°C

40 years of progress

In 1978, we began developing temperature control equipment for the medical and semiconductor industries. Since then, we have continued to provide thermo-chillers to customers worldwide. In addition, our ethylene glycol compatible models have maintained a proven track record of reliability for many years.

Series	Channel	Features	Cooling capacity	Temperature range setting [°C]							
			[kW]	-2)°C	0°C	20°C	40°C	60	°C	80°C
HRZ Series	Single	Improved energy-saving efficiency through the use of a DC inverter compressor and an	2, 4, 8, 10		-20						90
HRW Series		Improved energy-saving	2, 8,								
	Single	efficiency through the use of an inverter pump	15, 30					30			90
HRD series * Please contact SMC for further details.	Dual	Allows for the temperatures of 2 fluid channel systems to be controlled individually by a single chiller	10 x 2								
further details.					-20						90

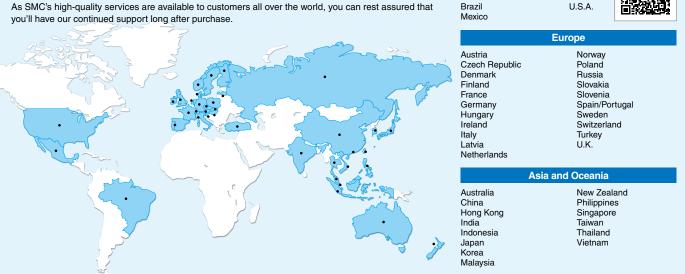
Circulating Fluid and Peripheral Equipment



SMC's Global Maintenance Network Thanks to a solid inventory of maintenance parts and an experienced chiller support team capable of conducting repairs and replacements, SMC is able to respond to customers' issues quickly and precisely. As SMC's high-quality services are available to customers all over the world, you can rest assured that you'll have our continued support long after purchase.

Americas U.S.A





* The names of countries and regions listed in each area are alphabetically indexed

↑ Safety Instructions Be sure to read the "Handling Precautions for SMC Products" (M-E03-3) and "Operation Manual" before use.

SMC Corporation

Akihabara UDX 15F.

4-14-1, Sotokanda, Chiyoda-ku, Tokyo 101-0021, JAPAN Phone: 03-5207-8249 Fax: 03-5298-5362

https://www.smcworld.com

© 2023 SMC Corporation All Rights Reserved