

## External Closed Circulation Type Circulator, Neocool Line

### CHW700/CHS700

Operating Temperature Range

10deg.C to Room Temp.

Pump Capacity (50Hz)

Max. Flow Rate 22.0/25.0L/min  
Max. Lift 20.0/27.0m

### Control Panel



Water level monitor, Refrigerator monitor,  
Refrigerator operation indicator

### FEATURES

- Suitable for high flow amount and high lift.
- Cooling capacity: 1,000W/860kcal at water temp. 20deg.C, at room temp. 20deg.C.
- Continuous monitoring for water level, abnormal refrigerating pressure, cooling water pressure level, circulation pump, etc.



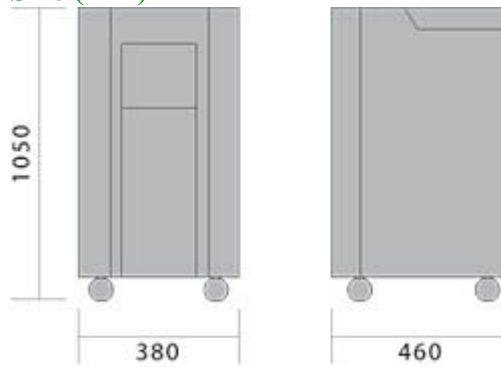
CHW700/CHS700

### Back Side



Note: Straight circulation nozzle is option.

### Size (mm)



〈CHW700型・CHS700型〉

## Specifications

Model	CHW700	CHS700
<b>■ Performance</b>		
Operating Water	For city water circulation	For pure water circulation
Circulation Type	Closed system circulation by pump	
Operating Temperature Range	10deg.C to Room temp.	
Tem. Adjustment Accuracy	±1.5 to 2.5deg.C	
Cooling Capacity	Approx. 1,050W (900kcal) at Liquid temp. 20deg.C, at Room temp. 20deg.C	
<b>■ Components</b>		
Temp. Control System	Refrigerator On/Off control	
Temp. Sensor	T-thermocouple	
Temp. Setting, Display	Digital	
Refrigerator •Coolant	Air cooling 675W, R407C	
Circulation Pump	Magnet pump 65W x 2pcs.	
Pump Max. Flow Rate	22.0/25.0L/min. (50/60Hz)	
Pump Max. Lift	20.0/27.0m (50/60Hz)	
Surrounding Operation Temp. Range	5 to 35deg.C	
Circulation Nozzle	Rc3/8 Female screw	
<b>■ Safety Device</b>		
Safety Countermeasures	Self diagnosis functions, Electric leakage breaker with over current protection, Refrigerator over load relay, Refrigerator pressure detector, Refrigerator protection's delay timer function, Float switch, Circulation pump protection by-pass	
Other Function	Drain cock, Dust prevention filter, Refrigerator pressure indicator, Automatic stop operation, Automatic start operation, Key lock function, Calibration off set function, Breakout protection function, Temp. output terminal (4-20mA).	
Accessories	Drain hose 0.5m x 1pc, Overflow hose 0.5m x 1pc	
<b>■ Standard</b>		
Water Bath Dimension	ID300 x H235mm	
Water Bath Capacity	Approx. 16L ( liquid volume 14L)	
Cooling Coil	Copper-nickel plated	
External Dimension	W380 x D460 x H1,050 mm	
Power Source	AC100V 50/60Hz 12A	
Weight	Approx. 55kg	

### ■ Optional items

Description	Model No.	Product Code
Straight circulation nozzle 10.5m dia Rc3/8	CHW700/CHS700	221394
Straight circulation nozzle 13.0m dia Rc3/8	CHW700/CHS700	221399
Straight circulation nozzle 16.0m dia Rc3/8	CHW700/CHS700	221395
L shape circulation nozzle 10.5m dia Rc3/8	CHW700/CHS700	221396
L shape circulation nozzle 13.0m dia Rc3/8	CHW700/CHS700	221397
L shape circulation nozzle 16.0m dia Rc3/8	CHW700/CHS700	221398
External communication adapter RS485-RS232C changeable	CHW700/CHS700	281388



Circulation nozzle