

Cooling Water CirculatorCF820

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Cooling Water Circulator **CF820**

Item Code : 221552

Model : CF820

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Cooling Water Circulator (CF820)

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Product Summary

Closed system and water saving with excellent cooling capacity

Features of Cooling Water Circulator (CF820)

Specifications

Specifications

Item Code	221552
Model	CF820
Circulation type	Closed System Circulation By Pump
Operational ambient temperature	5 deg.C to 35 deg.C
Operating temp. range	-20 deg.C to R.T.
Cooling capacity	Approx. 940W (810kcal/h) at Liquid temp. 10 deg.C, Approx. 820W (706kcal/h) at Liquid temp. 0 deg.C, Approx. 710W (612kcal/h) at Liquid temp. -10 deg.C
Temp. control	Refrigerator ON/OFF operation

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Refrigerant	R404A
Circulation pump	Magnet pump 127W
Circulation capacity (50/60Hz), Max. flow rate, Pump max. flow rate	9.2/10.8L/min (30L/min.)
Circulation capacity (50/60Hz), Max. lift, Pump max. lift	9.6/13.3m (10.3/14.3m)
Cooling Coil	SUS316
External circulation nozzle	10.5mm O.D. (SUS) x 2 lines
Safety device	Over current electrical leakage breaker, Refrigerator over load relay, Pump thermal protector, Delay timer for protecting refrigerator, H bypass for protecting pump
Other functions	Drain valve, Overflow, Dust prevention filter, Key lock, Calibration offset function
Water bath material	Stainless steel
Water bath capacity	6.5L (liquid volume 6L) 250(W) x 180(D) x 140(H)mm
Accessories	Lid, Drain hose, Circulation hose 1.5m x 4pcs, Overflow hose, Wire clamp x 4pcs
External dimensions (W×D×H mm)	570×440×600mm
Power Source	AC220V 5A 50/60Hz, single phase with step-down transformer
Weight	60kg

Maintenance and warranty

1. Conditions: temperature and humidity: 23 deg.C+/-5 deg.C, 65%RH+/-20% (no load)
2. External dimensions do not include protrusions.

Optional items



Hose nipple (O.D., 8mm Rc3/8)
(OCF58)



Heat-resistant circulation hose
(2m. X 2pcs., 9mm dia, height
heat-resistant spec) (OCF62)



Circulation insulation hose (CF,
CFI Series)

Same series products



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(Externally-closed Circulation)
*Discontinued (CF301)

Circulators with Build-in Solvent
Collection device (CF321P)

(Externally-closed Circulation)
(CF800)