

Cooling Aspirator
CF800P



CF800P + Rotary evaporator set (Model: RE801B-W with Glass "B" and Water Bath)

High accuracy water flow pump which decompression and cooling performed simultaneously. Especially useful in aspirator drainage of Dichloromethane or Benzene.

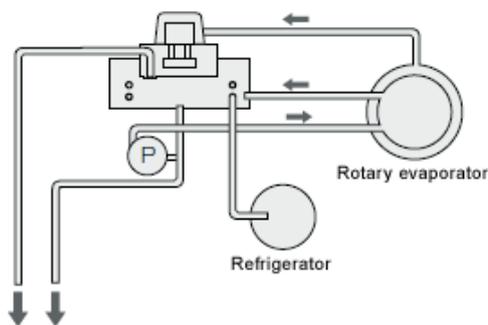
Operating Temp. Range
-20 deg.C to room temp.
Cooling Capacity
1,050W (at liquid temp.: 10 deg.C)

- Ideal for decompressor (aspirator) of rotary evaporator due to Dichloromethane 0.2ppm, Chloroform 0.06ppm, Tetrachloromethane 0.02ppm are under drainage standard value.
- Because tank is equipped in each aspirator unit and cooling device unit, so even if organic solvent is aspirated in aspirator side, the cooling side is not contaminated.
- Water in tank can be discharge to the outside of machine easily. Even when containing organic solvent due to suction, it can be simply collect by tank. And because the main body of aspirator and tank are separated, it is possible to remove the tank to discharge.

■ Specifications

Model	CF800P		
System	Closed system circulation		
Suction/Circulation method	Aspirator tank/Double cooling circulation tank		
Aspirator tank drainage method	Natural drainage by Siphon, or batch processing		
Performance			
Operating temp. range	-20 deg.C to room temp.		
Cooling capacity	Approx. 1050W (903 Kcal/h) at liquid temp: 10 deg.C		
	Approx. 910W (782 Kcal/h) at liquid temp 0 deg.C		
	Approx. 670W (576 Kcal/h) at liquid temp: -10 deg.C		
Configuration			
Temperature control	Refrigerator ON-OFF control		
Temperature sensor	T-thermocouple (with SUS protective tube)		
Temp. and time setting	Digital setting and display		
Refrigerator/coolant	Air-cooled 600W R404A		
Circulation pump	Magnet pump		
Pump performance	Max. flow	10.0/11.8L/min	
	Max. lift	10.3/14.3m	
Cooling coil	Copper nickel-plated		
External circulation nozzle	Both discharge port, return port O.D. 10.5mm hose nipple		
Operating environment temp. range	5 - 35deg.C		
Function			
Safety functions	Over current electrical leakage breaker, refrigerator over load relay, pump thermal protector, delay timer for protecting refrigerator		
Other functions	Flexible discharge port, return port nipple, drain overflow		
Standards			
Tank dimension	I.D. 300 x H235mm		
Tank material	SUS304		
Capacity	Approx. 16L (liquid volume 14L)		
Power source	AC100V 50/60Hz 15A		
External dimensions	W350 x D480 x H1,007		
Weight	Approx. 71kg		
Accessory			
Accessories	Circulation hose 3m 1pc Wire clamp 2pcs, Exhaust hose 0.5m 1pc Overflow cap 1pc, Inlet rubber cap 2pcs Vacuum hose (I.DΦ 6mm x L2m) 1pc		

■ System configuration



■ Optional items

Description	Product Code
Vacuum regulator	242491
Flow control valve	221580
Circulation insulation hose (Ø9 2m x 2pcs)	221581