

# MCX2

Dryer

Conveyor

Temperature Controller

Blender

Granulator

System & Others



MCX2-G3-06D

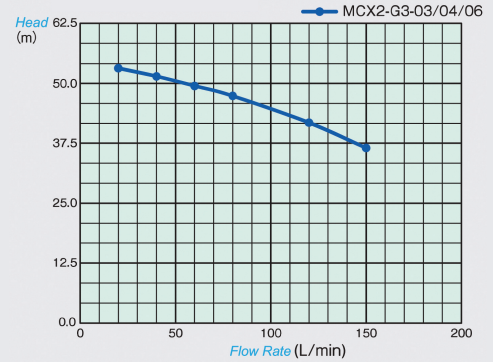
## Controls in a wide range of temperature



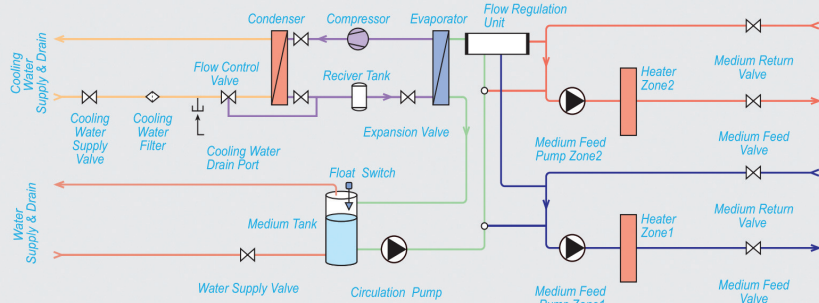
### Control Panel



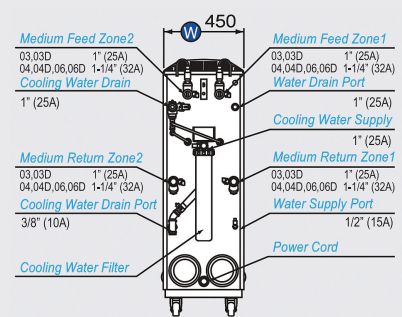
### Pump Performance Curve



### Flow Diagram (MCX2 D type)



### Piping Layout



## Standard Specification

Model	Unit	MCX2-G3											
		03	04	06	03D	04D	06D						
Power supply	Voltage	AC200/380V, 50Hz, 3 Phase											
	Apparent Power	12.9/13.7		16.7/18.2		20.6/21.8		21.8/23.5		24.0/24.5			
	Breaker Capacity	50/30		60/40		75/40		75/40		75/50			
Medium		Clean Water											
Operating Temperature Range		8~90											
Cooling Capacity	8°C	7.4/7.3		11.2/11.3		14.8/14.6		7.4/7.3		11.2/11.3	14.8/14.6		
	15°C	9.2/9.0		13.8/13.9		18.3/18.0		9.2/9.0		13.8/13.9	18.3/18.0		
	20°C	10.6/10.5		16.0/16.1		21.2/20.8		10.6/10.5		16.0/16.1	21.2/20.8		
Cooling Water	Flow Rate	30		45		60		30		45	60		
	27°C	L/min		L/min		L/min		L/min		L/min	L/min		
	35°C	L/min		L/min		L/min		L/min		L/min	L/min		
Pressure		MPa						0.15~0.60					
Circulating Pump Output		kW						0.75 / 0.45					
Water Supply Pressure		MPa						0.20~0.60					
Medium Tank Volume		L						23					
Compressor Output		kW		2.25		3.38 / 3.45		4.50		2.25		3.38 / 3.45	4.50
Medium Feed Pump ※1	Maximum Flow Rate	L/min						150 × 1 ZONE					
	Output	kW						1.5 × 1 ZONE					
Refrigerant Gas		R410A											
Heater Capacity		kW		6 × 1 ZONE		9 × 1 ZONE		6 × 2 ZONE					
Piping Diameter ※2	Medium Feed and Return Port	G1 (25A) × 1 ZONE		G1-1/4 (32A) × 1 ZONE		G1 (25A) × 2 ZONE		G1-1/4 (32A) × 2 ZONE					
	Water Supply Port	G1/2 (15A)											
	Water Drain Port	G1 (25A)											
	Cooling Water Inlet	G1 (25A Filter is standard equipment)											
	Cooling Water Outlet	G1 (25A)											
Outer Dimension ※3	W	mm						450					
	D	mm						1049					
	H	mm						1427					
Product Weight		kg		240		240		245		270		270	275

※1 Flow rate & head of medium feed pump refer to the pump performance curve.

※2 "A" piping diameters are G female threads.

※3 Dimensions are for the main unit only.

Note : Water quality : At least to the standards of water supply stipulated by the Japan Refrigeration and Air Conditioning Industry Association

Water that does not include large amount of calcium, silica, chlorine or iron with electroconductivity of between 50 and 200 ms/cm and pH of between 6 and 8

## Options

- Manifold • Power cord • Earth leakage breaker • Alarm indicator • Self cleanable filter