

Specifications

As of August 1, 2024

Model	Voltage	Unit	MJ6-i-G3-30	MJ6-i-G3-50	MJ6-i-G3-75	MJ6-i-G3-135	MJ6-i-G3-300
Power Supply	Operation Circuit Voltage	V	AC100V, DC24V				
	Apparent Power	200V 50/60Hz	6.7	7.2	8.2	13.5	26.4
		220V 50/60Hz	7.3	7.9	9.1	15.3	30.1
		230V 60Hz	6.9	7.5	8.8	13.8	26.6
		380V 50/60Hz	6.5	7	8.1	13.3	26.4
		400V 50/60Hz	6.8	7.4	8.6	14.2	28.7
		415V 50Hz	7.1	7.7	9	14.9	30.2
460V 60Hz	7.3	7.8	9	14.9	29.2		
	Breaker Capacity	A	30		50		100
Air	Pressure	Mpa	0.5				0.5
	Flow Rate	L/h	10				20
	Diameter	mm	φ6				
Operating Temp.		°C	70~160 [At ambient temperature of 10°C to 35°C]				
Dew-point *1		°C	-40~-60°C (Minimum)				
Volume *2		kg	30	50	75	135	300
		L	50	85	130	225	500
Drying Heater	Capacity	200V 50/60Hz	2.1		2.4	5.4	10.8
		220V 50/60Hz	2.5		2.9	6.5	13.1
		230V 60Hz	2.3		2.6	5.4	10.8
		380V 50/60Hz	2.1		2.4	5.4	10.8
		400V 50/60Hz	2.3		2.7	6	12
		415V 50Hz	2.5		2.9	6.4	12.9
		460V 60Hz	2.3		2.6	5.9	11.9
Conveying Blower	Output		1.1(50Hz)/1.5(60Hz)				2.55
		(230V/460V/60Hz)	1.5				2.55
Conveying Distance	Primary Side	m	10				
	Secondary Side	m	5				10
Drying Blower	Output		0.28		0.42	1.15	2.55
		(230V/460V/60Hz)	0.42			1.15	2.55
Regeneration Blower	Output		0.28		0.42	1.15	1.15
		(230V/460V/60Hz)	0.42			0.42	1.15
Regeneration Heater	Capacity	200V 50/60Hz	1	1.5	2.1	3.1	5.8
		220V 50/60Hz	1.2	1.8	2.5	3.8	7.02
		230V 60Hz	1.1	1.7	2.3	3.1	5.8
		380V 50/60Hz	1	1.5	2.1	3.1	5.8
		400V 50/60Hz	1.1	1.7	2.3	3.4	6.41
		415V 50Hz	1.2	1.8	2.5	3.7	6.9
		460V 60Hz	1.1	1.6	2.3	3.4	6.34
Absorption Tower Motor Control	Output	W	25				
Control	Drying Temp.Control		PID Control Heater, Non-Contact Relay				
	Regenerational Temp.Control		PID Control Heater, Non-Contact Relay				
	Schedule Timer		Set individually in one week (Monday to Sunday)				
	External Control (Startup)		External Non-voltage Contact (Incoming Current: 5 mA (DC 24V))				
Piping	Conveying	mm	φ38 PVC Hose			φ50 PVC Hose	
Product Weight		kg	265	275	290	395	715
Alarm or Protection Circuit			Overheat Protection (Drying & Regeneration Temp.), Blower Overload, Drying & Regenerating Blower Reversal Prevention				

*1 Ambient Condition: Temperature 30°C Relative Humidity 75%(DP+25°C) Air Inflow: 10%
When it falls below the above conditions, the minimum dew point (-60°C) could be obtained

*2 Volume is that of when using virgin materials with bulk density of 0.6kg/L.

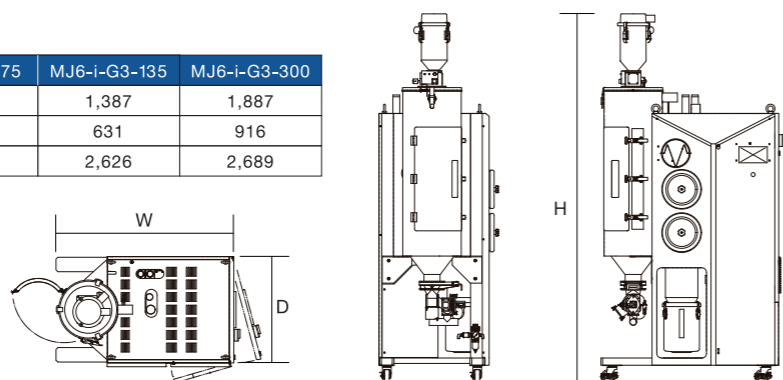
* For product improvement, specifications in this catalog may be changed without prior notice.

Options

Alarm indicator , Weekly timer (external) , Dew point monitor , Power meter , Leakage breaker , Connecting JET SELECTOR , Semi-Circulation , Full Exhausts , The secondary convey: 2 directions , After Cooler (water-cooling) , Lower limit level meter , External alarm buzzer , Gas processor , DIGI-PECA , Instantaneous power failure timer , SPI Modbus communication(RS-485)[Following excludes the 300] , Full Exhausts , After Cooler (water-cooling) , Gas processor , DIGI-PECA

Outer Dimension

Model	Unit	MJ6-i-G3-30	MJ6-i-G3-50	MJ6-i-G3-75	MJ6-i-G3-135	MJ6-i-G3-300
Width	mm	985	993	1,068	1,387	1,887
Depth	mm	611	611	611	631	916
Height	mm	2,046	2,369	2,369	2,626	2,689



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01version-240801-00-TU



Dehumidifying Dryer



MJ6-i

Dehumidifying Dryer



MJ6-i

Dehumidifying Dryer

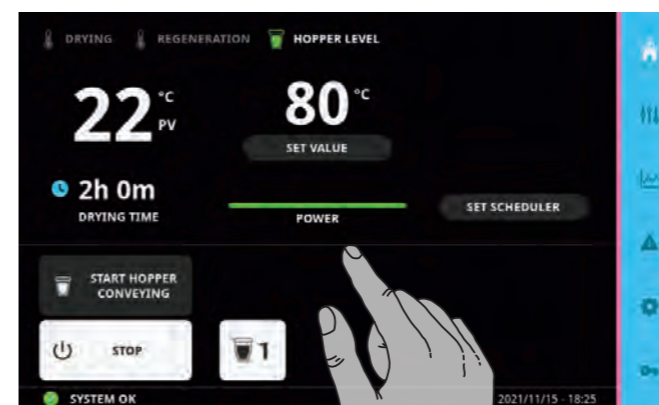
Dehumidifying Drying

Reaches *the Next Stage* with Optimal Control

No more loss
in your drying system.



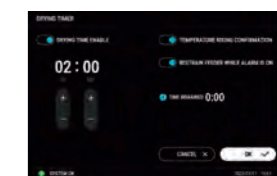
1 Touch screen



An interface design allows intuitive operation



Operation status display



Drying timer settings display



Drying status display



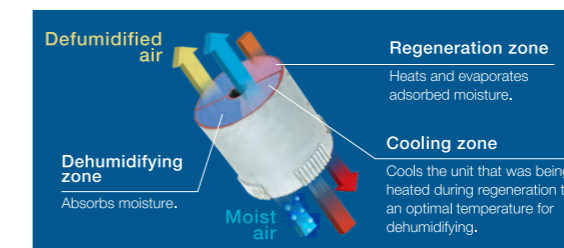
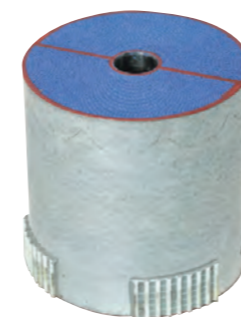
Timer setting display

2 Honeycomb

Create stable drying conditions!

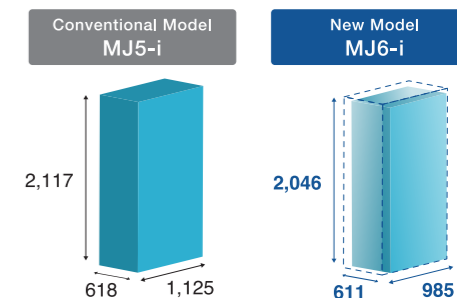
Realizes a low dew point with defumidified air that removes moisture from the air

Moisture in the air is removed with an adsorbent to create defumidified air, which is heated and sent into the hopper to dry the resin in the hopper.



Space-saving compared to the conventional model

Downsized the main unit while maintaining its basic performance and functionality by reconsidering the internal layout. Greatly contributes to space efficiency in the work sites.



3 Hopper

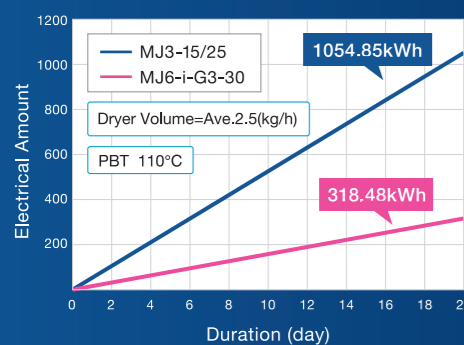
4 Push Damper

5 Dust Box

MJ6-i-G3-30

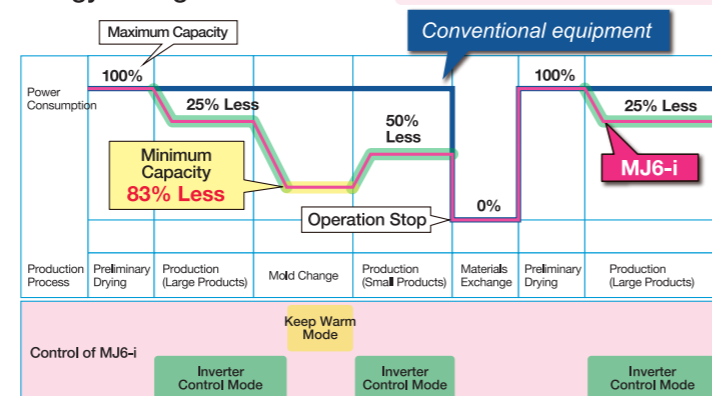
Energy-saving operation reduces the temperature drop of dried resin through further advances in the continuous operation system and air flow rate control.

By continuously monitoring its operating state, the system automatically selects the operating mode with the most energy savings.



* Depending on the conditions, this may not be the case.

Example of energy saving control



Improved drying capacity



Resin drying capacity per hour improved to achieve a higher grade of drying efficiency.

Push Damper



Prevents unnecessary heat exhaust during material discharge in the material conveying hoses and reduces the temperature drop after drying.

Dust Box



Front-of-system access helps to finish troublesome routine maintenance of the dust box quickly.