

DRYING

DFH Series

Features



The controller with alarm function is controlled by microprocessor for easy operation.

The easy-to-read control panel is designed for ease of use and user friendliness.

New Corrugated Honeycomb



Even the inside of the honeycomb element is supported by zeolite, producing lower dew point air (-50°C).

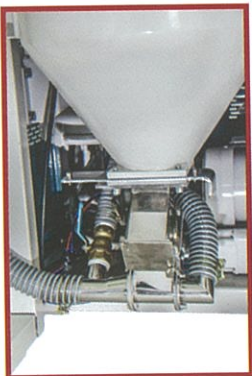
The zeolite as a desiccant has high absorption efficiency even in dehumidifying the high temperature air of 100°C and the air of low humidity.

Crystalline zeolite has a microporous structure, reducing heat deterioration and minimizing a decline in dehumidifying efficiency. Honeycomb structure saves energy and reduces pressure loss.



DFH-50Z-KI

Secondary Quantify Conveying with Cleaning



- Prevents the resin from remaining in the pipeline and from absorbing moisture again

Dry Air Conveying

Dried material is conveyed into a molding machine with dry air, preventing moisture absorption, material temperature drop and entry of foreign matter during conveying.

Inverter Control

- Secondary Two-way Conveying
- Oil Demister (High Quality Made in Japan)
Suitable for drying oil base plastic resin
- Conveying Blower up
Suitable for the long distance conveying
- Alarm Lamp
Provide alarm lamps

Kawata's original "Air Blend Hopper", which is mounted on a molding machine, removes resin powder and foreign matter by air flow after conveying.

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9 Models to Meet Growing Demand

DFH Series Specification

Model	DFH-15ZB-KI	DFH-25ZB-KI	DFH-50ZB-KI	DFH-75ZB-KI
Air flow (M3/h)(50/60Hz)	35/45		50/60	80/100
Dew point(°C)	-50			
Drying temperature (°C)	65-160			
Drying Blower capacity (kw) (50/60Hz)	0.17/0.28		0.28/0.42	0.55/0.85
Regeneration heater- capacity (kw) (50/60Hz)	2.0/2.4			
Regeneration blower capacity (kw) (50/60Hz)	0.09/0.12			
Desiccant chamber motor capacity (kw) (50/60Hz)	0.025			
Drying hopper	Effective capacity (L)	25	42	84
	Feeding volum (kg)	15	25	50
	Material contact surface	SUS304		
	(kw)Drying heater capacity (50/60Hz)	2.0/2.4		2.7/4.0
Accessories	Dehumidified air circulation conveying, batch conveying, glass wool insulation			
Convey-1	AL-02 Magnetic Sensor	AL-05 Magnetic Sensor		
Blower capacity (kw) (50/60Hz)	0.55/0.85			
Convey-2	VL-02-NF Photo Sensor	VL-05-NF Torque Level Sensor		
Blower capacity (kw) (50/60Hz)	0.55/0.85			
Power supply (KVA) (50/60Hz)	5.3/6.1		6.7/7.1	7.7/7.8
(L/min) Compressed air requirement	5(0.4-0.6PMa) (piping diameter 6)			
(L/min) Cooling water requirement	No need			
Accessories	PVC (38*20M)	(38*650*1)	SM Power supply	flexible Suction pipe
Painting frame	Y15-85A			
Painting door	Y59-50D			
Weight (kg)	265	297	335	365
Cooling method	Water Cooled			

* The dew point varies according to ambient air conditions.

Outlines Dimensions

