

DRYING

DRG Series (Energy-Saving Type)

DRYING



DRG-50Z-KI

Dehumidifying Dryer of the new idea based on through on-sight inspection

- ▶ Ultimate low price
- ▶ Energy saving
- ▶ Space saving
- ▶ Build-in material conveying system

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.

Options

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

DEHUMIDIFYING DRYER (Energy-Saving Type)

Specification

Model		DRG-15Z-KI	DRG-25Z-KI	DRG-50Z-KI	DRG-75Z-KI	DRG-100Z-KI	DRG-150Z-KI	DRG-200Z-KI	DRG-300Z-KI
Air Flow (M3/h)(50/60Hz)		35/45		50/60	80/100		110/120	145/160	220/240
Dew Point (°C)		-25							
Drying Temperature (°C)		65-160			75-160			80-160	
Drying Blower Capacity (kw)(50/60Hz)		0,17			0,55		1,3	2,3	3,3
Regeneration Heater Capacity (kw)(50/60Hz)		2,4			2,7	4,0		12	
Drying Hopper	Effective Capacity (L)	25	42	84	125	167	250	335	500
	Feeding Volume (kg)	15	25	50	75	100	150	200	300
	Material Contact Surface	SUS304							
	(kw) Drying Heater capacity (50/60Hz)	2,0			2,7	4,0		6,0	9,0
Accessories		Circulation conveying, batch conveying, glass wool insulation							
Convey-1		AL-02 Magnetic Sensor		AL-05 Magnetic Sensor			AL-10 Magnetic Sensor		
Convey-2		VL-02 Photo Sensor			VL-05 Torque Level Sensor		VL-10 Torque Level Sensor		
Conveying Blower Capacity (kw)(50/60Hz)		0,55			1,3				
Power Supply (KVA)(50/60Hz)		5,7			7,2	10,9	11,8	24	28,5
(L/min) Compressed air requirement		5 (0,4-0,6Mpa) (Piping diameter 6 mm)							
(L/min) Cooling water requirement		No need							
Accessories		PVC (38*20M), Suction Pipe (38*650*1), Power Cable 5M, signal cable 5M							
Painting	Frame	Y15-85A							
	Control panel Door	Y59-50D							
Weight (kg)		170	180	193	225	290	310	440	505
Dimensions (A x B x C) (mm)		864x696x1604	846x696x1844	883x746x2164	966x746x2264	1137x746x2274	1193x746x2496	1452x900x2630	1516x900x2850

*The dew point varies according to ambient air conditions.