

TECHNICAL DATA SHEET



DRD400 – DRD407

Suitable for drying hygroscopic polymers. These dehumidifying dryers are equipped with twin desiccant sieve drying towers assuring a continuous and constant process with an average dew point of -60°C.

**High performance! Low energy consumption! Wide versatility.**

**STANDARD FEATURES**

- Insulated stainless steel heating chamber
- Motor and heater safety contactors
- Process air pressure differential switch
- Electronic process temperature controller
- Double insulated stainless steel desiccant beds
- Over-temperature safety thermostat
- Return air filter cartridge
- Two high head side channel blowers, one for process and one for regeneration

		DRD400	DRD401	DRD402	DRD403	DRD404	DRD405	DRD406	DRD407
Air Flow	m³/h	85	125	145	180	230	360	510	800
Static Pressure	kPa(mbar)	25(250)	25(250)	25(250)	25(250)	25(250)	25(250)	25(250)	25(250)
Blower Power	kW	0.25	0.85	1.3	1.6	3	4	5.5	7.5
Heating Power	kW	2.5(*3.5)	3.5(*5)	5(*7)	7(*9)	9(*12)	19(*25)	25(*32)	32(*44)
Total Power	kW	5.5(*6.5)	7(*8.5)	5.5(*6.5)	13(*15)	17(*20)	39(*45)	47(*54)	56(*68)
Voltage	V/-Hz	400V/3/50-60Hz							
Max Process Temp	°C	150(*200)	150(*200)	150(*200)	150(*200)	150(*200)	150(*200)	150(*200)	150(*200)
Average Consumption 80°C	kWh	2.5	3.2	3.7	4.5	6	12	20	22
Dimensions (AxBxH)	mm	550x850x1270	550x850x1270	550x850x1270	750x1200x1900	750x1200x1900	750x1200x1900	1300x1300x2170	1300x1300x2170
Noise Level	dB(A)	<75	<75	<75	<75	<75	<78	<78	<78
Weight	kg	135	145	150	240	280	700	800	1100

(\*) HT version



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