

Dehumidifying Dryer DRYPLUS DP 80

Vismec dryers are able to ensure maximum energy efficiency and versatility of application. Vismec honeycomb dryers ensure stable and constant dew point which guarantees a homogeneous final moisture on the material.

Main Features

- Double brushless blower (process & regeneration) circuit with adjustable speed control.
- Self adjustable air flow on the production demand.
- Automatic Dew Point control without dew point sensor.
- Close loop cooling circuit.
- SMART MODE, intelligent system to protect the material.
- SLS Safety Loading Management, that prevents to use undried material.
- Energy monitoring.
- Material receipt.
- Anti stress system.
- Water free.
- Compressed air free.
- HALO material measurement system (optional).
- Integrated feeding system (optional).
- Integrated daily timer (optional).

TECHNICAL SPECIFICATIONS

model	temp	air flow	heating	power installed	dew point	weight
dryplus 80	55-185°C	30-80 m3/h	3,5 kW	5,5 kW	0 ÷ -50°C	47 kg

HOURLY PRODUCTION

material code	hopper 50L kg/h	hopper 75L kg/h	hopper 100L kg/h	hopper 150L kg/h	drying temp (°C)	drying time(h)	initial moisture (%)	bulk density (kg/lt)
ABS	10,0	15,0	20,0	30,0	80	3	0,4	0,6
PA 6-66	6,5	9,8	13,0	19,5	75	5	0,8	0,65
PC	11,7	17,5	23,3	35,0	120	3	0,3	0,7
PE	10,0	15,0	20,0	30,0	90	3	-	0,6
PEEK	7,5	11,3	15,0	22,5	155	4	-	0,6
PEI	6,7	10,0	13,3	20,0	155	4,5	-	0,6
PET ext	7,1	10,6	14,2	21,3	170	6	0,3	0,85
PETG	6,7	10,0	13,3	20,0	65	4,5	0,3	0,6
PBT*	10,0	15,0	20,0	30,0	125	3,5	0,3	0,7
PMMA	8,1	12,2	16,3	24,4	80	4	0,5	0,65
PP	10,0	15,0	20,0	30,0	90	2,5	-	0,5
PPO	10,0	15,0	20,0	30,0	105	2,5	-	0,5
PPS	8,6	12,9	17,1	25,7	140	3,5	-	0,6
PSU	9,3	13,9	18,6	27,9	135	3,5	0,5	0,65
TPE	10,8	16,3	21,7	32,5	110	3	0,5	0,65
TPU	10,8	16,3	21,7	32,5	90	3	-	0,65

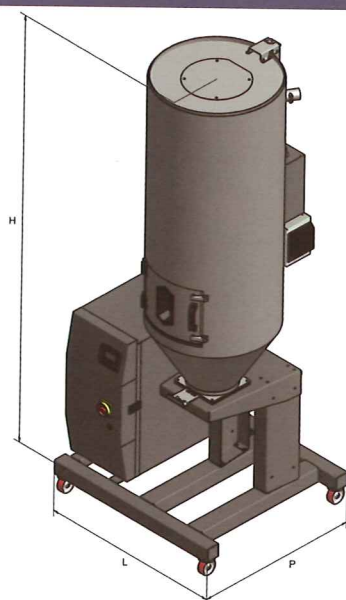
*available with use of an OILTRAP.

ENERGY CONSUMPTION

MATERIAL	kWh/kg	€/kg*
ABS	0,06	0,0062
PA6	0,07	0,0079
PC	0,08	0,0087

*0,11 €/W

DIMENSIONS



HOPPER SIZE	L mm	P mm	H mm
50 Liters	940	780	1670
75 Liters	940	780	1880
100 Liters	940	780	2020
150 Liters	940	780	2300
AIR HOSE diameter(mm)			50