

Dehumidifying Dryer DRYPLUS DP 400

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 400	55-150°C	180-400 m3/h	14-21 kW	24,9-31,9 kW	0 ÷ -60°C	271 kg

HOURLY PRODUCTION

material code	hopper 600L kg/h	hopper 800L kg/h	hopper 1200L kg/h	drying temp (°C)	drying time (h)	initial moisture (%)	bulk density (kg/lt)
ABS	120,0	160,0	240,0	80	3	0,4	0,6
PA 6-66	78,0	104,0	156,0	75	5	0,8	0,65
PC	140,0	186,7	280,0	120	3	0,3	0,7
PE	120,0	160,0	240,0	90	3	-	0,6
PEEK	90,0	120,0	180,0	155	4	-	0,6
PEI	80,0	106,7	160,0	155	4,5	-	0,6
PET ext	85,0	113,3	170,0	170	6	0,3	0,85
PETG	80,0	106,7	160,0	65	4,5	0,3	0,6
PBT*	120,0	160,0	240,0	125	3,5	0,3	0,7
PMMA	97,5	130,0	195,0	80	4	0,5	0,65
PP	120,0	160,0	240,0	90	2,5	-	0,5
PPO	120,0	160,0	240,0	105	2,5	-	0,5
PPS	102,9	137,1	205,7	140	3,5	-	0,6
PSU	111,4	148,6	222,9	135	3,5	0,5	0,65
TPE	130,0	173,3	260,0	110	3	0,5	0,65
TPU	130,0	173,3	260,0	90	3	-	0,65

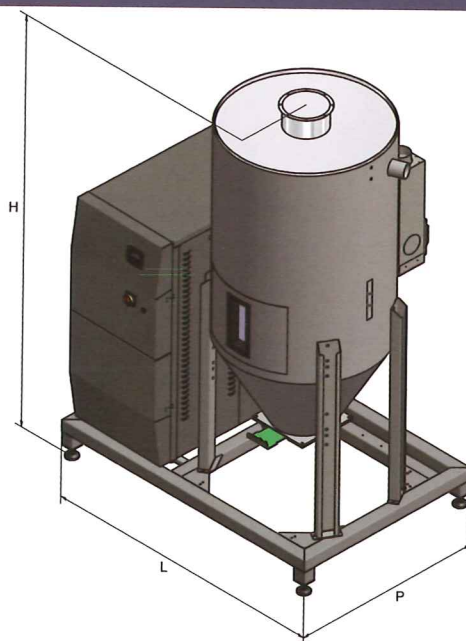
*available with use of an OILTRAP.

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
600 Liters	1830	1250	2703
800 Liters	1830	1250	3065
1200 Liters	1830	1250	3359
AIR HOSE diameter(mm)			114,3