



Dehumidifying Dryer DRYPLUS DP 160

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 160	55-185°C	75-160 m3/h	7 kW	12,1 kW	0 ÷ -55°C	137 kg

HOURLY PRODUCTION

material code	hopper 200L kg/h	hopper 300L kg/h	hopper 400L kg/h	hopper 600L kg/h	drying temp (°C)	drying time (h)	initial moisture (%)	bulk density (kg/lt)
ABS	40,0	60,0	80,0	120,0	80	3	0,4	0,6
PA 6-66	26,0	39,0	52,0	78,0	75	5	0,8	0,65
PC	46,7	70,0	93,3	140,0	120	3	0,3	0,7
PE	40,0	60,0	80,0	120,0	90	3	-	0,6
PEEK	30,0	45,0	60,0	90,0	155	4	-	0,6
PEI	26,7	40,0	53,3	80,0	155	4,5	-	0,6
PET ext	28,3	42,5	56,7	85,0	170	6	0,3	0,85
PETG	26,7	40,0	53,3	80,0	65	4,5	0,3	0,6
PBT*	40,0	60,0	80,0	120,0	125	3,5	0,3	0,7
PMMA	32,5	48,8	65,0	97,5	80	4	0,5	0,65
PP	40,0	60,0	80,0	120,0	90	2,5	-	0,5
PPO	40,0	60,0	80,0	120,0	105	2,5	-	0,5
PPS	34,3	51,4	68,6	102,9	140	3,5	-	0,6
PSU	37,1	55,7	74,3	111,4	135	3,5	0,5	0,65
TPE	43,3	65,0	86,7	130,0	110	3	0,5	0,65
TPU	43,3	65,0	86,7	130,0	90	3	-	0,65

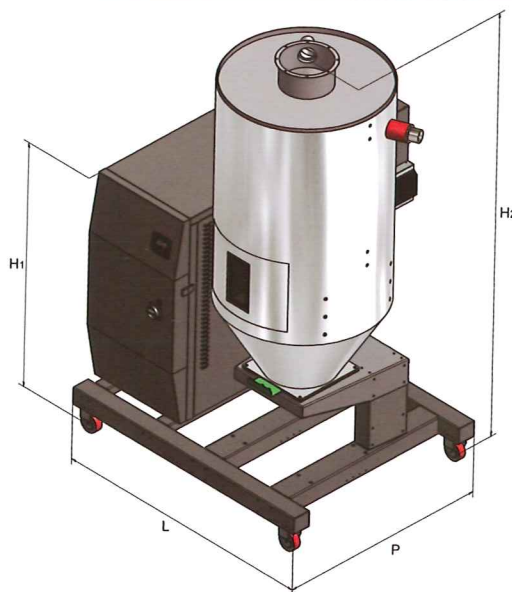
*available with use of an OILTRAP.

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	H1mm	H2mm
200 Liters	1440	1155	1380	2209
300 Liters	1440	1155	1380	2388
400 Liters	1440	1155	1380	2638
600 Liters	1420	1160	1680	2686
AIR HOSE diameter(mm)		63,5		