

DPA



COMPRESSED AIR DRYER

From 0.5 to 25 kg/h

DPA Series use compressed air for drying hygroscopic polymers.

The running parameters can be easily loaded from the internal database.

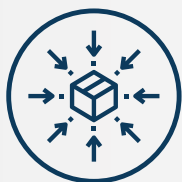
With the use of desiccant cartridges DPA can reach lower Dew Point values (up to -40°C).

For the models with glass hopper, the removable cone allows easy and fast cleaning operations.

The control manages the airflow in 7 increments and adjusts the dryer's functioning according to the material throughput. The system thus avoids wastage of energy and compressed air.

DPA dryers can be equipped with the IMD (Intelligent Material Drying) that ensures an optimal management of the drying process, avoiding material over-heating and thermal degradation.

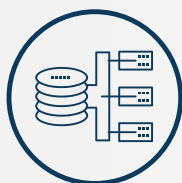
Thanks to the Material Database, the control automatically regulates the process condition once the material has been selected and the hourly throughput has been set.



Compact design



Dew Point values down to -40°C



Programmable database of 50 materials with predefined values



PET Preforms
& Bottles



Rigid
Packaging



Automotive
components



Technical
parts



Medical
solutions



Thermoforming
& Technical Sheets



Flexible Film



Pipes, Profiles,
Cables



Fibres &
Strapping



Recycling



Compounds

Drying hopper volume range	1- 30 dm ³ (estimated production: 0.5-25 kg/h)
Average Dew Point	-25 °C / -40 °C with desiccant cartridge
Compressed air pressure (bar)	5-7
Options	Manual or Venturi feeding, coalescence filter, serial port RS485 Mod-bus, daily-weekly timer



Desiccant cartridge integrated in the machine to reach value of Dew Point up to -40°C



The hoppers can be realised in stainless steel or glass according to the volume



DPA dryers can be installed directly on the machine throat or on a frame with an intermediate feeding system

	Hopper volume (dm ³)	Hopper material	Process air flow (m ³ /h)	Process heating power (kW)	Manual feeding	Venturi loader	"C" or "S" hopper loader
DPA1	1	Glass construction	1	0.6	Yes	Yes	-
DPA3	3		2	0.6	Yes	Yes	-
DPA6	6		3	0.6	Yes	Yes	-
DPA10 DPA10C*	10	Stainless steel construction	5	0.9	Yes	-	Yes
DPA20 DPA20C*	20		10	0.9	Yes	-	Yes
DPA30 DPA30C*	30		15	0.9	Yes	-	Yes
DPA50 DPA50C*	50		30	1.2	Yes	-	Yes

*Provided with molecular sieves