

The resin dryers DW series, equipped with a rotor technology, offer high-level performances in drying and ensure maximum efficiency and versatility of application in medium productions. DW models maintain a constant Dew Point value from -25 °C to -50 °C with airflow rates from 50 to 250 m³/h. The process temperature can be set up to 150°C. It is possible to install a wide range of hoppers with capacities from 50 l to 800 l.



TECHNICAL SPECIFICATIONS

- Microprocessor control with LCD display.
- Self-adjustable airflow with inverter according to the production demand.
- Self-adjustable dew point control for process optimization.
- Side-channel blowers.
- Electronic control of the process temperature with PID.
- Solid state relays (SSR) for the control of process heating.
- Daily/Weekly timer.
- Control of the regeneration temperature, based on the set dew point value.
- RS 485 Modbus interface.

ACCESSORIES

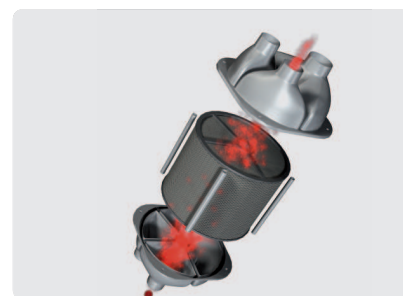
- Dew Point instrument with alarm.
- Color touchscreen operator panel
- Pressure switch for clogged filter.

ADDED VALUE:

- **OPTIMIZATION**
Easy programming with only two parameters to set (type of material from a database and hourly consumption). Just 3 minutes to start operating efficiently. No need water compressed air.
- **AIR FLOW MANAGEMENT (AFM)**
It does not release dust, ideal for the medical and optical fields.



DW50i-H100



Rotor dryer



ViSu interface for multi-hopper.



Airflow management (AFM).

TECHNICAL DATA		DW50i	DW80i	DW120i	DW200i	DW250i
Maximum process airflow	m ³ /h	25-50	40-80	60-120	100-200	125-250
Process temperature	°C	70-150	70-150	70-150	70-150	70-150
Process blower power	KW	0.45	0.4	0.75	1.1	1.6
Regeneration blower power	KW	0.1	0.2	0.2	0.4	0.4
Process heating power	KW	1.2	2	3.5	5	5
Regeneration heating power	KW	0.8	2	2	3.5	5
Total installed power	KW	2.55	4.6	5	8.5	10.5
Voltage/Frequency	V/Hz	230/1/50-60	400/3/50-60	400/3/50-60	400/3/50-60	400/3/50-60
Dimensions WxDxH	mm	470x834x942	450x1013x1256			
Weight	kg	80	140	150	175	185

Combinations with N° hopper	H50	H75	H100	H150	H200	H300	H400	H600	H800
DW50i	2	1	1						
DW80i	3	2	1	1					
DW120i	4	3	2	1	1				
DW200i		4	3	3	2	1	1		
DW250i			4	3	3	2	1	1	1

The resin dryers DW series, equipped with a rotor technology, offer high-level performances in drying and ensure maximum efficiency and versatility of application in medium and high productions.

DW models maintain a constant Dew Point value from -25 °C to -50 °C with airflow rates from 400 to 600 m³/h.

The process temperature can be set up to 150°C.

It is possible to install a wide range of hoppers with capacities from 100l to 1500l.



TECHNICAL SPECIFICATIONS

- Microprocessor control with LCD display, easy programming with only two parameters to set (material type & machine consumption)
- Self-adjustable airflow with inverter according to the production demand.
- Self-adjustable dew point control for process optimization.
- Side-channel blowers.
- Electronic control of the process temperature with PID.
- Solid state relays (SSR) for the control of process heating.
- Daily/Weekly timer.
- Control of the regeneration temperature, based on the set dew point value.
- RS 485 Modbus interface.

ACCESSORIES

- Dew point instrument with alarm.
- Touchscreen operator panel.
- Pressure switch for clogged filter.

ADDED VALUE:

- **OPTIMIZATION**
Easy programming with only two parameters to set (type of material from a database and hourly consumption). Just 3 minutes to start operating efficiently.
No need water compressed air.
- **AIR FLOW MANAGEMENT (AFM)**
It does not release dust, ideal for the medical and optical fields.

Resin dryers



TECHNICAL DATA		DW400i	DW600i
Airflow	m ³ /h	150 - 400	200 - 600
Process temperature	°C	75-150	75-150
Dew point	°C	-25/-50	-25/-50
Process blower power	kW	4	5.5
Regeneration blower power	kW	0.37	0.37
Process heating power	kW	7.5	15
Regeneration heating power	kW	9	9
Total installed power	kW	21	30
Voltage/Frequency	V/Hz	400/50-60	400/50-60
Dimensions WxDxH	mm	950x1096x1954	950x1096x1954
Weight	kg	350	380