

The resin dryers of the DW series, equipped with rotor technology, offer high-level performance in dehumidification applications ensuring the maximum efficiency and versatility in medium productions.

DW models maintain a constant Dew Point ranging 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.

They can be used with a wide range of hoppers with capacities from 50l to 800l.



TECHNICAL SPECIFICATIONS:

- Microprocessor control unit with LCD display.
- Self-adjustable airflow by means of an inverter according to required throughput.
- 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 according to required Dew Point.
- ETHERNET connection.

ACCESSORIES:

- Dew Point instrument with alarm.
- Colour touch screen operator panel.
- Pressure gauge for clogged filter.

ADDED VALUE:

• OPTIMIZATION

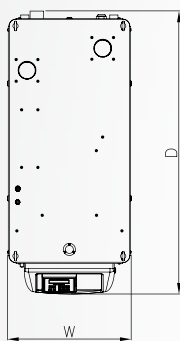
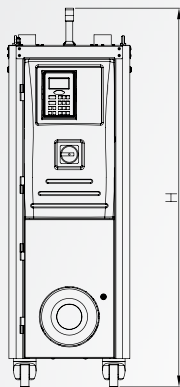
Easy programming with only two parameters: type of material (selectable from a database) and hourly consumption.

It starts working in just 3 minutes.

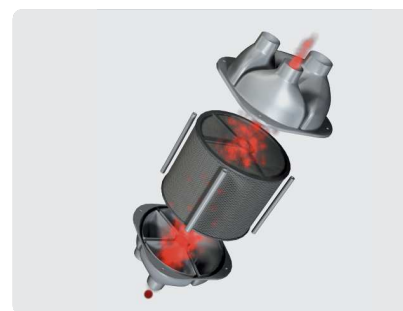
No need of water or compressed air.

• AIRFLOW MANAGEMENT (AFM)

It does not release dust: the ideal solution in medical and optical fields.



DW50i-H100



Rotor



ViSu interface for multi-hopper version.



Modulating valve for airflow management.

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	0.44	0.75	1.1	1.5
Regeneration-blower power		KW	0.1	0.2	0.2	0.4	0.4
Process-heating power	MT	KW	1.2	2	2	3.5	5
	HT		-	-	3.5	5	-
Regeneration-heating power		KW	0.8	2	2	3.5	3.5
Total power	MT	KW	2.55	5	5	8.5	10.5
	HT		-	-	7	10	-
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	522x834x940	450x1013x1256			
Weight		kg	80	140	150	175	185

No. of installable hoppers	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