

The resin dryers D series are equipped with TWIN TOWER technology and offer process airflow ranging from 80 up to 150 m³/h with dew point up to - 50°C so as to satisfy every requirement in production. A perfect choice for treating hygroscopic polymers in small and medium productions.



TECHNICAL SPECIFICATIONS

- Microprocessor control with LCD display and easy programming (material can be selected from a database and consumption/h).
- Configuration with single or multi-hopper.
- Control of the regeneration cycle of temperature.
- Automatic shutdown to prevent the degradation of the granule.
- Solid-state relays.
- Filters for protection of blowers and molecular sieves.
- RS485 Modbus interface.

ACCESSORIES

- Dew point instrument.
- Colour touch screen operator panel.
- Pressure switch for clogged filter.

ADDED VALUE:

- **STABLE PROCESS**
PID control of the process temperature.
- **EASY TO CONTROL**
The interface with a keyboard and multi-language digital display offers a constant monitoring of the machine and shows the main parameters such as temperature, dew point.
- **AIR FLOW MANAGEMENT (AFM)**
The microprocessor, according to the material and productions, optimizes the operating parameters (airflow rate and temperature) resulting in energy saving. It also prevents the degradation of the polymer.

TECHNICAL DATA			D800	D801	D802
Airflow		m ³ /h	80	120	150
Process temperature	MT	°C	70-150	70-150	70-150
	HT	°C	70-190	70-190	70-190
Dew point		°C	-50	-50	-50
Static pressure		mbar	160	170	150
Process blower power		kW	0.75	1.3	1.6
Process heating power	MT	kW	2	3.5	3.5
	HT	kW	3.5	5	5
Regeneration heating power		kW	1.5	1.5	2
Total installed power	MT	kW	4.25	6.3	7.1
	HT	kW	5.75	7.8	8.6
Noise level		dB(A)	<80	<80	<80
Voltage/Frequency		V/Hz	400/50-60	400/50-60	400/50-60
Dimensions WxDxH		mm	450x1013x1256	450x1013x1256	450x1013x1256
Weight		kg	110	120	135

Combinations with N° hopper	H50	H75	H100	H150	H200	H300	H400
D800	2	2	1	1			
D801	4	3	2	2	1		
D802	4	4	3	3	2	1	1

The resin dryers of the D series are equipped with TWIN TOWER technology and offer process airflow ranging from 300 m³/h up to 500 m³/h with dew point up to -50 °C, so as to satisfy every requirement in production. A perfect choice for treating hygroscopic polymers in small and medium productions.



TECHNICAL SPECIFICATIONS

- Microprocessor control with LCD display and easy programming (material can be selected from a database and consumption/h).
- Configuration with single or multi-hopper.
- Control of the regeneration cycle of temperature.
- Automatic shutdown to prevent the degradation of the granule.
- Solid-state relays.
- Filters for protection of blowers and molecular sieves.
- RS485 Modbus interface.

ACCESSORIES

- Dew point instrument.
- Colour touch screen operator panel.
- Pressure switch for clogged filter.

ADDED VALUE:

- **STABLE PROCESS**
PID control of the process temperature.
- **EASY TO CONTROL**
The interface with a keyboard and multi-language digital display offers a constant monitoring of the machine and shows the main parameters such as temperature, dew point.
- **AIR FLOW MANAGEMENT (AFM)**
The microprocessor, according to the material and productions, optimizes the operating parameters (airflow rate and temperature) resulting in energy saving. It also prevents the degradation of the polymer.



TECHNICAL DATA			D803	D804	D805
Hopper capacity		dm ³	100 - 4500		
Maximum flow rate		m ³ /h	300	400	500
Process temperature	MT	°C	70-150	70-150	70-150
	HT	°C	70-190	70-190	70-190
Dew point		°C	-50	-50	-50
Static pressure		mbar	250	200	200
Process blower power		kW	3	4	5.5
Process heating power	CS	kW	-	-	-
	MT		7.2	10.8	14.4
	HT		10.5	14.4	28.5
Regeneration heating power		kW	3.5	5	5
Total installed power	CS	kW	6.5	9	10.5
	MT		13.9	19.8	24.9
	HT		17.5	23.4	28.5
Noise level		dB(A)	<80	<80	<80
Voltage/Frequency		V/Hz	400/50-60	400/50-60	400/50-60
Dimensions WxDxH		mm	900x900x1800	900x900x1800	900x900x1800
Weight		Kg	330	350	370

The resin dryers of the D series are equipped with TWIN TOWER technology and offer process airflow ranging from 600 m³/h up to 1500 m³/h with dew point up to -50 °C, so as to satisfy every requirement in production.

A perfect choice for treating hygroscopic polymers by productions.



TECHNICAL SPECIFICATIONS

- Microprocessor control with LCD display and easy programming (material can be selected from a database and consumption/h).
- Configuration with single or multi-hopper.
- Control of the regeneration cycle of temperature.
- Automatic shutdown to prevent the degradation of the granule.
- Automatic valve for the control of cooling water.
- Solid-state relays.
- Filters for protection of blowers and molecular sieves.
- RS485 Modbus interface.

ACCESSORIES

- Dew point instrument.
- Touchscreen operator panel.
- Process air flow control.
- Safety temperature control.

ADDED VALUE:

- **STABLE PROCESS**
PID control of the process temperature.
- **EASY TO CONTROL**
The interface with a keyboard and multi-language digital display offers a constant monitoring of the machine and shows the main parameters such as temperature, dew point.
- **AIR FLOW MANAGEMENT (AFM)**
The microprocessor, according to the material and productions, optimizes the operating parameters (airflow rate and temperature) resulting in energy saving. It also prevents the degradation of the polymer.



TECHNICAL DATA			D806P	D808P	D810P	D815P	D818P
Maximum flow rate		m ³ /h	600	750	1000	1350	1500
Process temperature	MT	°C	70-150	70-150	70-150	70-150	70-150
	HT	°C	70-190	70-190	70-190	70-190	70-190
Dew point		°C	-50	-50	-50	-50	-50
Static pressure		mbar	250	250	200	200	200
Process blower power		kW	5.5	7.5	8.5	12.5	15
Regeneration blower power		kW	0.85	0.85	0.85	0.85	0.85
Process heating power	CS		-	-	-	-	-
	MT	kW	18	24	30	40.5	40.5
	HT		24	30	36	50	54
Regeneration heating power		kW	12	12	12	18	18
Total installed power	CS		18.35	20.35	21.35	32	34.5
	MT	kW	36.4	44.4	51.4	72.5	75
	HT		42.4	50.4	57.4	86	88.5
Hopper capacity		dm ³	100 - 4500				
Noise level		dB(A)	<80	<80	<80	<80	<80
Voltage/Frequency		V/Hz	400/50-60	400/50-60	400/50-60	400/50-60	400/50-60
Dimensions WxDxH		mm	1210x1850x2180	1210x1850x2180	1210x1850x2180	1210x1850x2180	1210x1850x2180
Weight		Kg	1300	1330	1400	1450	1500