

The resin dryers of the D series are equipped with TWIN-TOWER technology and offer process airflow rates ranging from 300 m<sup>3</sup>/h up to 500 m<sup>3</sup>/h with dew point up to -50 °C so as to satisfy any production requirement.  
The perfect solution for processing hygroscopic polymers in small and medium productions.



#### TECHNICAL SPECIFICATIONS:

- Microprocessor control unit with LCD display and easy programming (type of material selectable from a database and hourly consumption).
- Single-hopper or multi-hopper configurations.
- Control of the regeneration cycle.
- Automatic shutdown to prevent the degradation of the granule.
- Automatic valve to control cooling water.
- Solid-state relays.
- Filters to protect blowers and molecular sieves.
- RS485 ModBus interface.

#### ACCESSORIES:

- Dew Point instrument.
- Colour touch screen.
- Clogged filter alarm.

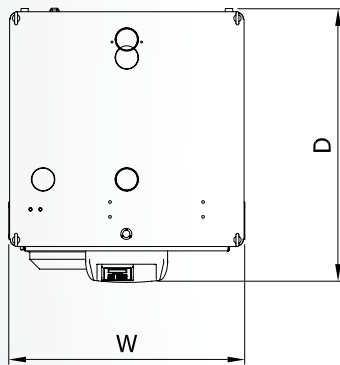
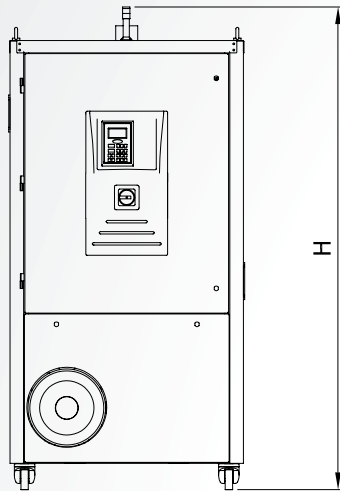
#### ADDED VALUE:

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

# D803-D805 series

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Resin dryers



| TECHNICAL DATA             |    |                   | D803          | D805          | D803P         | D805P         |
|----------------------------|----|-------------------|---------------|---------------|---------------|---------------|
| Maximum process airflow    |    | m <sup>3</sup> /h | 300           | 500           | 300           | 500           |
| Process temperature        | MT | °C                | 70-150        | 70-150        | -             | -             |
|                            | HT | °C                | 70-190        | 70-190        | 70-190        | 70-190        |
| Dew point                  |    | °C                | -50           | -50           | -50           | -50           |
| Static pressure            |    | mbar              | 250           | 250           | 250           | 250           |
| Process-blower power       |    | kW                | 3             | 5.5           | 3             | 5.5           |
| Regeneration-blower power  |    | kW                | -             | -             | 0.4           | 0.4           |
| Process-heating power      | MT | kW                | 7.2           | 14.4          | -             | -             |
|                            | HT | kW                | 10.8          | 18            | 10.8          | 18            |
| Regeneration-heating power |    | kW                | 5             | 5             | 5             | 5             |
| Total power                | CS | kW                | -             | -             | 8.6           | 10.7          |
|                            | MT | kW                | 15.2          | 25.1          | -             | -             |
|                            | HT | kW                | 18.8          | 28.7          | 19.4          | 30            |
| Noise level                |    | dB(A)             | <80           | <80           | <80           | <80           |
| Voltage/Frequency          |    | V/Hz              | 400/50-60     | 400/50-60     | 400/50-60     | 400/50-60     |
| Dimensions WxDxH           |    | mm                | 956x1109x1954 | 956x1109x1954 | 956x1109x1954 | 956x1109x1954 |
| Weight                     |    | kg                | 280           | 370           | 300           | 400           |