

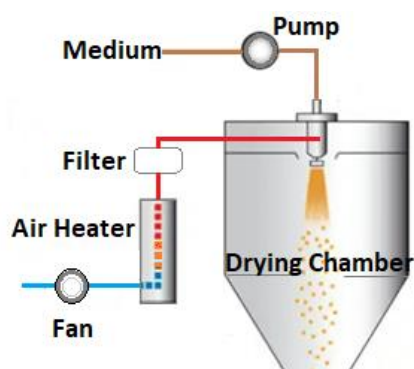
PRODUCT SPECIFICATION

Industrial duct heater

Spray dryer application

APPLICATION

The spray dryer allows aqueous liquid solutions to be transformed into small particles of powders. This is the method of drying of many materials, which may require extremely consistent, fine particle size. THERMOWATT HEATING SYSTEM guarantee constant and efficient flow of hot air.



INSTALLATION AND MAINTANCE

Our electrical heating system stands out for its minimal maintenance requirements and swift installation process, offering an easy-going experience.

EFFICENCY

Employing an electric heater, the system ensures an improved heat exchange, resulting in significantly reduced energy consumption.


CONTROL

The energy usage of the heater can be precisely controlled from 0% to 100% continuously with a solid-state relay. Additionally, the system boasts the capability to manage various heating zones within the section, ensuring tailored temperature control.

CARBON FREE

Our system eliminates the need to manage exhaust fumes, contributing to a cleaner, more environmentally friendly operation.

PRODUCT FEATURES

DUCT HEATER	Material	AISI 304
HEATING ELEMENTS	Sheath Material	AISI 304 / AISI 321
	Size \varnothing [mm]	8.5 ; 10
TEMPERATURE	Working	Up to 300 °C
SAFETY THERMOSTAT	Temperature set	0°C – 300 °C / 0°C – 400°C manual reset
CERTIFICATION		

MAIN COMPONENTS

1. JUNCTION BOX
2. HEATING ELEMENT
3. THERMOSTAT PROBE
4. DUCT

ACCESSORIES (*optional)

5. FAN
6. FILTERS
7. SAFETY THERMOSTAT

