SPARK gravity electric furnaces

Low exploatation costs

Series	SL Series	SL Series	*SW* Series	*SW* Series	SW Series
Power	Electricity	Electricity	Oil	NG / LPG	NG
Forced air circulation	✔	✔	✔	✔	✔
Two-channel USB temperature recorder	✔	✔	✔	✔	✔
Number of temperature sensors	1	MTS 2+	MTS 3+	MTS 3+	MTS 2+
Wall insulation thickness (mm)	80	240	240	240	240
Ceiling insulation thickness (mm)	80	300	460	460	460
Number of programs	1	20	20	20	20
Max. Number of steps in the program	1	10	10	10	10
Average heating time up to 180 ° C	40min	35min	25min	25min	20min

Number of door leaves	1	2	2	2	2
Diagnostics / update via the internet	✖	✔	✔	✔	✔
Media consumption meter	✖	✔	✔	✔	✔
Stainless steel ceiling elements	✖	✖	✔	✔	✖
Direct heating	✖	✖	✖	✖	✔
Explosionproof closures	✔	✔	✔	✔	✔
Silicone door seal	✔	✔	✔	✔	✔
Price group	1/2	2/5	4/5	5/5	3/5

Technology

Gravitational heating system
Thanks to the use of a gravitational heating system in the SPARK gravitational furnaces, we can boast of a good result of temperature uniformity, our tests have shown that the uniformity of air temperature in our gravitational furnaces, with the appropriate arrangement of elements, does not exceed ± 5 ° C! We owe the result to our heating element assembly technology.

Quick heat up
In the SPARK gravitational furnaces, specially designed heaters are installed that quickly give off heat, thanks to which our furnaces heat up quickly. Fast heating is due to the seals and insulation used, the specially profiled gasket does not contain asbestos and is safe for the user. Insulation optimization, b no contact between the furnace chamber and the casing minimizes heat loss and saves power. Our ovens, depending on the model, heat up at a speed of up to 8 ° C per minute .

Transport system
SPARK kilns are standard equipped with two lower transport trolleys. In response to the market demand for inexpensive solutions, we have developed a manual bottom transport system that allows you to transport large-sized items with a small amount of force. Our system allows optimal use of the entire surface of the furnace and ensures high cleanliness of painted elements. Thanks to the use of two trolleys, the trolley moving around the hall does not contaminate the interior of the furnace. The upper trolley is used for the very entrance to the kiln. The use of one trolley introduces dirt from the floor into the furnace chamber, our system eliminates this problem.

Photos