

Magma

Preheating furnace

Magma is a preheating furnace with all the technical features, which fulfill all the requirements in terms of programming, handling and ergonomics.

Advantages

- Four-sided heating ensures uniform heating in the entire furnace chamber.
- Quick heat rate: to 900°C (1654°F) in only 60 min.
- 99 Program storage spaces + 1 Program for speed investments.

Temperature

- The one-piece furnace chamber prevents localized heat loss, which is otherwise caused by joints.
- Guarantees uniform temperature distribution due to the high density of heating coils in thermally demanding zones.

Catalyst converter

- Reduction of unpleasant odors and smoke thanks to catalytic post-combustion of furnace gases.
- Intelligent control via the Magma.
- Chemical conversion of organic constituents into carbon dioxide and water vapor.
- Increase in service life thanks to automatic switch-off at 650°C (1202°F). The catalyst converter operates continuously when using the speed program.



Flexibility: 9 x #3, 4 x #6, 3 x #9 casting rings

Technical data

Permissible mains voltage	220–240 V
Permissible mains frequency	50/60 Hz
Power consumption	1900 W
Mains input fuse	12 A (T)
Temperature range	0–1100°C // 30–2010°F
Programmable heating rate	0–9°C/min // 0–17°F/min
Max. heat-up rate in 1 hour	900°C // 1652°F
Number of programmable stage programs	99
Number of speed programs	1
Volume (Muffle)	3,45 l // 0.91 gal
Type temperature sensor	PtRh–Pt
Dimensions (W x H x D) (incl. one handle and flue)	430 x 500 x 440 mm // 16.9 x 19.7 x 19.3"
Dimensions (W x H x D) (incl. one handle and catalyst converter)	430 x 610 x 550 mm // 16.9 x 24.0 x 21.7"
Dimensions (W x H x D) (muffle)	160 x 120 x 180 mm // 6.3 x 4.7 x 7.1"

Weight (incl. flue)	~30 kg // ~66.1 lbs
Weight (incl. catalyst converter)	~34,8 kg // ~76.7 lbs

Ordering information

Magma, 220–240 V	No. 23000000
Magma for use with catalyst converter, 220–240 V	No. 23000500
Catalyst converter, 220–240 V, 1 piece	No. 23000001

Renfert



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