

DRYING ELECTRODE OVEN

Electrodes

MOD. C/3 C/6 C/9

ESWECO
The Art of Welding



The Drying Oven is used to heat the welding electrodes to a temperature and time specified by the manufacturer to dry a specific type of welding electrode. It reduces the chance for the introduction of hydr-ogen into the weld by removing the moisture from the electrode. The Drying .Oven may also be used as a Keeping Oven as it has a temperature range of 100 - 800 deg. F (38 - 420 deg. C).

- **External structure is made by galvanized steel.**
- **Paint is in polyester resins to withstand heavy working condition such as humidity, corrosive and salty atmosphere.**
- **Internal structure is made of galvanized aluminum coated steel.**
- **The internal structures are insulated with a special rock wood Panel to maintain the temperature condition inside the oven.**
- **Multiple heating elements (3, 6, 9, depending of the model) assure a uniform heat distribution in all the oven.**

Main properties

MODEL	DESCRIPTION	ADJUSTABLE T.°C	RATING	LOAD CAPACITY	VOLTAGE
MOD. C/3	Drying Oven with 3 removable trays and with 3 heating elements	38 ÷ 420 °C	4.7 kw	225 Kg (500 lb.) 4500 electrodes Ø 3,25	400 V (380 ÷ 415) . 3-phase 50/60 Hz
MOD. C/6	Drying Oven with 6 removable trays and with 6 heating elements	38 ÷ 420 °C	9.0 kw	450 Kg (1000 lb.) 9000 electrodes Ø 3,25	400 V (380 ÷ 415) . 3-phase 50/60 Hz
MOD. C/9	Drying Oven with 9 removable trays and with 9 heating elements	38 ÷ 420 °C	13.7 kw	675 Kg (1500 lb.) 13500 electrodes Ø 3,25	400 V (380 ÷ 415) . 3-phase 50/60 Hz

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Dimensions and weights

DESCRIPTION	MOD.C/ 3	MOD.C/6	MOD. C/9
Outer dimensions	850 x 780 x H980 mm.	850 x 780 x H1540 mm.	850 x 780 x H1790 mm.
Interior dimensions	650 x 500 x H580 mm.	650 x 500 x H1000 mm.	650 x 500 x H1420 mm.
Weight	150kg. (334 lb.)	200kg. (445 lb.)	250kg. (556 lb.)

TEMPERATURE CONTROL UNITS

STANDARD has an electromechanical regulator with visual indicator for the regulation of oven temperature. A sensor is installed on the heating element and controls the temperature slope to avoid electrode over-heating.

