

# Filling equipment for mixture composed by CO<sub>2</sub> + N<sub>2</sub>

## Model 151-MIX

IT ALLOWS TO FILL CYLINDERS FOR LIFE-RAFTS INFLATING



The equipment it allow to fill the cylinders for LIFERAFT inflating with a mixture composed by Nitrogen + Carbon Dioxide. The design of the machine it allow the cylinders filling in a simple and accurate way.

In the full optional version it exist the possibility to store some recipes with the N<sub>2</sub> and CO<sub>2</sub> weight, reloading the recipe from the scale display the machine will control and stops automatically the filling process.

The equipment can be utilised for to fill cylinders or fire extinguishers with CO<sub>2</sub> only.

### DESCRIPTION

The equipment is made by a painted steel cabinet where are installed the CO<sub>2</sub> transfer pump, the electrical motor, the electrical panel and the gas piping. On the top side of the cabinet the filling control scale is installed and on the front panel are installed the control and service devices.

In addition to the basic model (see picture on left) that utilise a mechanical control scale, it exist other 2 models that utilise an electronic filling control scale. Depending on the version the electronic scale can be integrated on the top of the cabinet (max load 30 kg) or can be a separated one to be installed on floor (max load 80 kg).

### MAIN COMPONENTS

- Painted steel cabinet
- Service front panel
- Volumetric piston pump
- Filling control scale
- automatic filling stop
- Pressure control gauges
- Electrical panel with controls at 24 V safety tension



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## STANDARD ACCESSORIES

- ▶ CO<sub>2</sub> AND N<sub>2</sub> inlet flexible hoses made by PTFE stainless steel braided, complete with supply cylinders connections.
- ▶ Filling flexible hose made by PTFE stainless steel braided, complete with stop valve and cylinder connection.
- ▶ User manual
- ▶ CE mark

## OPTIONAL ACCESSORIES

DESCRIPTION	MODEL	CODE
Electronic scale for floor installation	BE150/50	MZWE007
Refrigerating cell for keeping 2 CO <sub>2</sub> supply cylinders inside	99-D-COOL2	MCBE100
Compression equipment for nitrogen supply	IG-FILL130	MGXE010

## AVAILABLE MODELS

MODEL	151/MIX	151/MIX ETH	151/MIX/E8010	151/MIX/E8010AUTO
Code	MMBE002	MMBE004	MMBE009	MMBE011
CO <sub>2</sub> flow rate (Kg/h)	180	180-360	180-360	180-360
Control scale	Mechanical 30Kg/10g	Electronic 30Kg/2g	Electronic 80Kg/10g	Electronic 80Kg/10g
Power supply*	400 V -50 Hz 3 phase	400 V -50 Hz 3 phase	400 V -50 Hz 3 phase	400 V -50 Hz 3 phase
Installed power	1,5 kW	1,5 kW	1,5 kW	1,5 kW
Dimensions (average)	950x550x h 1150-mm	950x550x h 1150-mm	950x550x h 1150-mm	950x550x h 1150-mm
Weight (average)	120 Kg	120 Kg	150 Kg	150 Kg

\*On request available in single phase version.

VANZETTI EQUIPMENT SRL

Via Avv. Giovanni Agnelli, 10  
12033 Moretta (CN) ITALY

Tel. (+39) 0172 915811  
Fax (+39) 0172 915822

info@vanzettiequipment.com

www.vanzettiequipment.com

Easy, safe, modular

