

# CO<sub>2</sub> transfer and filling units

## 99/D3 series

Suitable for filling with CO<sub>2</sub> internal and external cartridges, fire extinguishers and cylinders



### Applications

The 99/D3E unit allows liquid CO<sub>2</sub> to be transferred from standard cylinders to internal and external cartridges and portable fire extinguishers.

A version (model 99/D3ETH) equipped with a dual speed electric motor, or another version equipped with a variable speed electric motor (model 99/D3ETHR) are available to better fulfil your specific requirements.

When integrated with an extra control scale (not included in the standard equipment), the 99/D3ETH and the 99/D3ETHR models can be used to fill cylinders with capacity exceeding the one of the portable fire extinguishers.

A special model is also available to fill life-raft inflation cylinders with Nitrogen + CO<sub>2</sub>.

### Advantages

The 99/D3 series includes complete filling / weighing stations for a wide range of CO<sub>2</sub> cartridges and portable fire extinguishers. The control scale is one of the most important part of this range of items, featuring high precision, reliability and ease of use.

MODEL	99/D3EL SINGLE PHASE	99/D3EL THREE-PHASE	99/D3ETH SINGLE PHASE	99/D3ETH THREE-PHASE	99/D3ETHR SINGLE PHASE	99/D3ETHR THREE-PHASE
CATALOGUE ITEM	MCBE008	MCBE009	MCBE013	MCBE014	MCBE017	MCBE018
FLOW-RATE (kg/h)	150		150 / 300		from 60 to 360 adjustable	
VOLTAGE/FREQ. (Vac/Hz)	230/50	400/50	230/50	400/50	230/50	400/50
POWER (kW)	1,5		1,5		1,5	
<b>SCALE TECHNICAL SPECIFICATIONS</b>						
DIMENSIONS (LxIxh) (mm)	950x550x1150		950x550x1150		950x550x1150	
CAPACITY (kg)	25		25		25	
DIVISION (g)	2		2		2	
WEIGHT (kg)	130		130		130	

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## Components and devices

- > Liquid CO<sub>2</sub> volumetric pump with:
  - three ceramic pistons
  - drive by belt and pulleys
  - brass head
  - stainless steel valves
  - cylinder pressure relief valve
  - control gauge and maximum pressure switch
- > Integrated electronic scale with:
  - automatic stop at required filling weight
  - digital display
  - max load 25 kg, accuracy 2 grams
- > Clamping device complete of heads and adapters for the most common internal cartridges
- > Filling head for external CO<sub>2</sub> cylinder / cartridge
- > Filling head with clamp for portable fire extinguisher
- > Electric panel board with 24V, push buttons and lamps

## Standard equipment

DESCRIPTION	CODE
PTFE inlet hose AISI 304 stainless steel braided, length 2000 mm with cylinder connector	MCB/MAD01
PTFE outlet hose AISI 304 stainless steel braided, length 1700 mm with cylinder connector	MCB/MAN02
Set of adapters and heads to refill internal cartridges	ZA290 ZA291 ZA298
User manual	

## Optional accessories on demand

DESCRIPTION
Filling head for external cylinders / cartridges
Filling head with clamp for portable fire extinguishers
Adapters and heads to refill special models of internal and external cartridges
Extra electronic control scale to be positioned on the floor
Kit of wheels for moving the equipment (4 wheels)
Tool box (empty)
Manifold to connect 2 source cylinders
Rack to hold in safety 2 source cylinders
Refrigerator cell to maintain n° 2 source cylinders at a controlled temperature
Extra power electrical motor 2,2 kW
Front protection shield

> PER MAGGIORI INFORMAZIONI:  
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BULLETIN N° VE/99D3  
R1.14 E