

Transfer unit 99/D1 series

Cylinder to cylinder liquid CO₂ transfer pump



TECHNICAL SPECIFICATIONS

MODEL	99/D1 single-phase	99/D1 three-phase
CATALOG ITEM	MCBE001	MCBE002
Flow rate (Kg/h)	420	420
Maximum working pressure (MPa)	10	10
Voltage/Frequency (VAC/Hz)	230/50	400/50
Power (kW)	1.5	1.5
Dimensions (WxLxH) (mm)	380x700x730	380x700x730
Weight (Kg)	48	48

Models for different voltages and frequencies are available on request.

APPLICATIONS

The 99/D1 unit is particularly suitable for fire fighting applications and for any other application that requires the transfer of liquid CO₂ from standard cylinders to containers or fire extinguishers with more than 1 Kg capacity.

ADVANTAGES

The 99/D1 makes the filling operations easy and inexpensive. At the same time, due to the small size pump and low power consumption enable the unit to be mounted either in the workshop or on board mobile kits.

COMPONENTS AND DEVICES

- > Liquid CO₂ volumetric pump with:
 - three ceramic pistons
 - brass head
 - stainless steel valves
- > Piston-type pressure relief valve
- > Control gauge
- > Maximum service pressure switch
- > Main switchboard with 24V. rush button





STANDARD EQUIPMENT

- > PTFE feeding hose with AISI 304 stainless steel braided sheath, length 2000 mm with cylinder connector
- > PTFE transfer hose with AISI 304 stainless steel braided sheath, length 1700 mm with adapter and gate valve
- > User manual

AVAILABLE MODELS

- > 99/D1 single-phase
- > 99/D1 three-phase

OPTIONALS ON REQUEST

DESCRIPTION	MODEL	CODE
PTFE inlet hose with AISI 304 stainless steel braided sheath, length 2500 mm		MCB/MAL02
PTFE delivery hose with AISI 304 stainless steel braided sheath, length 2500 mm		MCB/MAV02
Electronic scale	ETW100	MZWE200
Manual vice for scale installation on ETW100	VIF/BIL	MZVM002
Two inlet manifold for source cylinder connection	C2BB	RGFN200
Three inlet manifold for source cylinder connection	C3BB	RGFN205
Two place cylinder rack for source cylinder connection	R2BB	RGFN302
Three place cylinder rack for source cylinder connection	R3BB	RGFN307
Refrigerator cell to maintain temperature control of n° 2 feeding cylinders		MCBE100

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Easy, safe, modular

