CYLINDER TO CYLINDER · LIQUID CO_2 · ON SKID

100/D1 series

Liquid CO_2 **transfer pump** from cylinder to cylinder, on a compact skid — easy, low-cost filling.



APPLICATIONS

The 100/D1 unit is mainly suitable for fire-fighting and industrial gas applications, and for any employment requiring the transfer of liquid CO_2 from standard cylinders to containers or to **fire extinguishers with more than 1 kg capacity**.

ADVANTAGES

Filling operations are easy and low-cost. The small-size pump and its reduced power consumption allow the unit to be installed either in the **workshop or on-board a mobile workshop**.

MAIN COMPONENTS

- Liquid CO_2 volumetric pump with:
  - three ceramic pistons
  - brass head
  - stainless steel valves
- Piston-type pressure relief valve
- Control gauge
- Maximum service pressure switch
- Main electric panel with 24 V push button

TECHNICAL SPECIFICATIONS

PARAMETER	1-PHASE	3-PHASE
CATALOGUE CODE	MCBE201-U	MCBE201-A
FLOW RATE (KG/H)	420	420
MAX. WORKING PRESSURE (BAR)	100	100
VOLTAGE/FREQUENCY (VAC/HZ)	230/50	400/50
POWER (KW)	1.5	1.5
DIMENSIONS (L×W×H – MM)	380×700×730	380×700×730
WEIGHT (KG)	48	48

Models for other voltages and frequencies available on request.

Equipment & accessories



STANDARD EQUIPMENT

- **PTFE inlet hose, AISI 304 stainless steel braided**, 2000 mm long, with cylinder connector
- **PTFE transfer hose, AISI 304 stainless steel braided**, 1700 mm long, with cylinder connector and shut-off valve
- User manual

AVAILABLE MODELS

100/D1 single-phase · 100/D1 three-phase

ACCESSORIES ON REQUEST

DESCRIPTION	MODEL	CODE
PTFE inlet hose, AISI 304 stainless steel braided, 2500 mm	/	MCB/MAL02
PTFE transfer hose, AISI 304 stainless steel braided, 2500 mm	/	MCB/MAV02
Electronic control scales	ETW100/ETW150	/
Manual vice for the ETW150, to clamp the cylinders in safety during filling	VIF/BIL	MZVM002
Manifold to connect 2 source cylinders	C2BB	RGFN200
Rack to hold 2 source cylinders in safety (with the C2BB)	R2BB	RGFN302
Refrigerator cell to keep 2 source cylinders at controlled temperature	99 D COOL	MCBE100

THE PUMP – CLOSE-UP



REQUEST A QUOTE · PWENT

Request a quote for the 100/D1 CO_2 pump

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