

CO₂ transfer pump

100/D1 series

Cylinder to cylinder
liquid CO₂ transfer pump on skid



Applications

The 100/D1 unit is mainly suitable for fire-fighting and industrial gas applications and for any other employment requiring to transfer the liquid CO₂ from standard cylinders to containers or to fire extinguishers with more than 1 Kg capacity.

Advantages

With the 100/D1, filling operations are easy and low-cost. At the same time, the small size pump and its reduced power consumption enable the unit to be installed either in the workshop or on-board a mobile workshop.

Components and devices

- > Liquid CO₂ volumetric pump with:
 - o Three ceramic pistons
 - o Brass head
 - o Stainless steel valves
- > Piston-type pressure relief valve
- > Control gauge
- > Maximum service pressure switch
- > Main electric panel with 24V. push button

TECHNICAL SPECIFICATIONS

MODEL	100/D1 1-PHASE	100/D1 3-PHASE
CATALOGUE CODE	MCBE201-U	MCBE201-A
FLOW-RATE (kg/h)	420	420
MAXIMUM WORKING PRESSURE (bar)	100	100
VOLTAGE / FREQUENCY (VAC/Hz)	230/50	400/50
POWER (kW)	1,5	1,5
DIMENSIONS (Lxhx) (mm)	380x700x730	380x700x730
WEIGHT (kg)	48	48

(Models for different voltages and frequencies are available upon request.)

CO₂ transfer pump



Standard equipment:

- > PTFE inlet hose AISI 304 stainless steel braided, 2000 mm length with cylinder connector
- > PTFE transfer hose AISI 304 stainless steel braided, 1700 mm length with cylinder connector & shut-off valve
- > Users' manual

Available models:

- > 100/D1 single-phase
- > 100/D1 three-phase



Optional accessories on request:

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

> PER MAGGIORI INFORMAZIONI:
FOR FURTHER INFORMATION CONTACT:
POUR INFORMATIONS CONTACTER:

DAMOTEK S.r.l.

Via Avv. Giovanni Agnelli, 10 12033 MORETTA (CN) ITALY
Tel: +39 0172 911235
Fax: +39 0172 911322

www.damotek.com
info@damotek.com

