

Transfer unit 103/D series

For liquid CO₂ transfer from cold converters

**EASY TO USE, GUARANTEEING EFFECTIVE
USE OF CO₂ TRANSFER UNITS
AND LOW MAINTENANCE COSTS**



The 103/D series units are designed to transfer liquid CO₂ from cryogenic tanks to fire extinguishers, cylinders or other containers. The unit consists of a transfer pump installed on a steel support, an electrical motor and a direct drive. Different pump models are available, with standard or variable flow rate.

The 103/D unit is available with a single flow rate, between 300 and 800 Kg/h, according to the customer specifications.

The double-speed engine of the 103/DT model gives a dual-flow rate, from a minimum of 300/600 Kg/h to a maximum of 400/800 Kg/h.

The variable frequency speed drive of the 103/DTH model provides an adjustable flow rate ranging from 300 Kg/h to 800 Kg/h.

TECHNICAL FEATURES

MODEL	103/D three-phase	103/DT tree-phase	103/DTH tree-phase
CATALOG ITEM	MCSE005	MCSE010	MCSE015
Available flow rate (Kg/h)	300-800 fixed	300/600 ÷ 400/800	300-800 variable
Maximum working pressure (bar)	100	100	100
Voltage/Frequency (VAC/Hz)	400/50	400/50	400/50
Power (kW)	4	3/4,5	4
Dimensions (LxIxh) (mm)	1300x630x520	1300x630x520	1300x630x520
Weight (Kg)	about 110	about 130	about 110

Models for different voltages and frequencies are available on request.



The 103D transfer unit, perfectly integrated in VANZETTI stations, has contained purchase and operational costs. It offers a fast start-up up to steady state. Ordinary maintenance can be executed within a short time, with no need for any skilled personnel.

COMPONENTS AND DEVICES

- > Galvanized steel platform
- > Displacement pump with
 - brass head
 - stainless steel suction and outlet valves
 - ceramic pistons
- > Belt and pulley drive or direct drive
- > Pulley drive protection
- > IP55 electrical motor

STANDARD EQUIPMENT

- > User manual
- > Suction flexible hose, DN16 AISI316, 300 mm long
- > Outlet hose, PTFE braid made of stainless steel AISI304, DN10, 500 mm long

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