

# FM200™ and Clean Agent filling and recovery

## 100/103FM model

Specifically designed for handling  
Clean Agents (Halon alternatives)



### Main components and devices Pump section

- > Pressure gauges for inlet pressure of FM200™ filling pressure and nitrogen inlet pressure control
- > Indicator lights for: pump section activated, pump on and overload protection indication
- > Filling pump with 3 ceramic pistons, brass head, and stainless steel valves
- > Pressure relief valve
- > Pressure switch.

### Vapor recovery section

- > Pressure gauges for inlet pressure and recovery pressure control
- > Indicator lights for recovery section activated, recovery unit on and overload protection indication
- > Two stage compressor
- > Forced ventilation air condenser
- > Pressure relief valve
- > Pressure switch

### Advantages

100/103FM is a very highly efficient unit, since it is possible to transfer and recover the FM200™ and the most common Clean Agents (Halon alternatives) using a single unit.

Seeing that it is able to recover the maximum amount of product from the source tank, this unit is also extremely cost effective.

### Applications

Suitable to handle the FM200™ or the HFC227 and the most common Clean Agents in the most efficient way, the 100/103FM unit consists of two separate sections.

The first section pumps the product in liquid phase from source tank to cylinder allowing the pressurization with nitrogen at 24 or 42 bar in a single sequential operation.

The second section allows recovering and re-utilizing the residual vapor product, remaining in gas phase inside the source tank.

# 100/103FM model



## STANDARD EQUIPMENT

- Connection hoses, 2000 mm length
- User manual

## AVAILABLE MODELS

- 100/103-FM: allowing Liquid Transfer, Nitrogen Pressurization, Vapor Recovery
- 103-FM: allowing Liquid Transfer, Nitrogen Pressurization

## ACCESSORIES ON DEMAND

DESCRIPTION	MODEL
Connections hoses with lengths different from standard	
Mixing/Inverter unit for homogenize Agent/Nitrogen	GBMIX1/H1-H5
Electronic control scale for filling operation	BE300/100 FP600
Pneumatic cylinder clamping vice for installation on control scale	AIR4/BIL DX
Vacuum pump to vacuumise the cylinders before filling operation	VP4005IN

## TECHNICAL FEATURES

MODEL	100/103FM	103/FM
CATALOGUE CODE	MFBE005	MFBE001-A
<b>PUMP SPECIFICATIONS</b>		
FLOW RATE (Kg/min)	6	6
MAXIMUM WORKING PRESSURE (bar)	70 (1015 psi)	70 (1015 psi)
<b>RECOVERY SECTION SPECIFICATIONS</b>		
FLOW RATE (Kg/min)	0,7	/
MAXIMUM WORKING PRESSURE (bar)	21	/
RECOVERY EFFICIENCY (%)	ABOUT 90%	/
<b>OVERALL SPECIFICATIONS</b>		
VOLTAGE/FREQUENCY (VAC/Hz)	400/50	400/50
POWER (kW)	4	4
DIMENSIONS (LxIxh) (mm)	1100x650x(h)1600	700x400x(h)750
WEIGHT (Kg)	300	100

> PER MAGGIORI INFORMAZIONI:  
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BULLETIN N° VE/100-103FM-  
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