

Clean Agent filling and recovery

Model THB5/HNF

Specifically designed for handling
NOVEC1230™, FM200™, HFC227ea and others
with pressurisation pressure up to 45 bar.



Description

The THB5 is designed to fill and recover the fire extinguishing Clean Agents (both in liquid and gas phases) from system cylinders into other cylinders. This unit allows to recover the mixture Agent + Nitrogen from pressurized cylinders into cylinders of the same capacity, also at the same final filling pressure of 25 or max 45 bar.

In this way, even if pressurized with nitrogen, it is possible to recover the product when it has to be employed again, without separating the nitrogen. For example, it may happen in case of cylinders periodical inspection or when dealing with a cylinder with uncertain product. In other cases, it is possible to empty the cylinders by transferring the product into another cylinder of the same capacity in order to have the first cylinder available to be filled with a substitute product.

The unit is also able to fill the cylinders or the fire extinguishers with a new fire extinguishing Clean Agent, starting from a large tank container and then pressurizing them by Nitrogen at the required final pressure.

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COMPONENTS AND DEVICES



- Painted steel structure
- Control panel with devices name labels
- Liquid or gas pumping group, dry without lubrication
- Air supply treatment group
- Control gauges
- Inlet filter
- Drying up filter
- Control glass for liquid / gas phase
- Kit of connecting hoses with on - off valves and safety cable
- User manual



ACCESSORIES UPON REQUEST

- Connecting hoses with length higher than standard
- Mixing/inverter unit to homogenize Agent/Nitrogen
- Electronic control scales for filling control
- Electrical panel board to stop the unit at the programmed weight on the scale
- Pneumatic vice for scale installation to clamp in safety cylinders when filling
- Vacuum pump to highly vacuumise the cylinders before filling

TECHNICAL SPECIFICATIONS

Model	Liquid flow	Gas flow	Max Δ Pressure	Efficiency
THB5/HNF	6 kg/1' max	0,7 Kg/1' max	45 bar (652 psi)	> 99%

POWER SUPPLY

Compressed air pressure	7÷9 bar
Min. air capacity (for liquid recovery)	350 NI/1'
Min. air capacity (for gas recovery)	700 NI/1'

> PER MAGGIORI INFORMAZIONI:
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