

# Halon and Clean Agents filling, recovery and recycling

## THB/5 model

Specifically designed for handling  
Halon and Clean Agents



### AVAILABLE MODELS

- > THB/5
- > THB/523

### Description

The THB5 equipment series are designed, to fill, recover and recycle the fire extinguishing Clean Agents (both in liquid and gas phases) from system cylinders into other cylinders or disposable tank. Depending from the model/version, it is possible to recover the mixture Agent + Nitrogen from pressurized cylinders into cylinders of the same capacity, also at the same final filling pressure of 24 or 42bar.

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 same capacity in order to have the first cylinder available for 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. On request by specific model/version it is also possible to recycling the fire extinguishing Clean Agent in order to remove impurity before a new utilization of it.

# THB/5 model

## 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 for homogenize Agent/Nitrogen
- Electronic control scales for filling control
- 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 $\Delta$ Pressure	Efficiency
THB-5	6 kg/1' max	0,7 Kg/1' max	50 bar (725psi)	> 99%
THB-523	7 kg/1' max	0,9 Kg/1' max	70 bar(1015 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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