

# Clean Agent filling, recovery and recycling

## THB/G1P model

Specifically designed for handling  
Clean Agents (Halon alternatives)



### AVAILABLE MODELS

- > THB/BP
- > THB/G1HP

### Description

Depending from the version, the THB units are designed to fill, recover and recycle fire extinguishing Clean Agents, both in the liquid and in the gas phase, from system cylinders into other cylinders or tanks. Depending from the model/version, it is possible to recover the Agent + Nitrogen mixture from pressurized cylinders into cylinders of the same capacity at the same final filling pressure. It is possible to recover the product even when it has to be newly employed without separating the Nitrogen, (in case of a periodical inspection of the cylinder) or when dealing with an uncertain product.

In other cases, depending from the model/version, it is possible to fill the cylinders or the fire extinguishers with the new fire extinguishing Clean Agent starting from large tank containers and then pressurizing them by Nitrogen at the required final pressure.

Depending on the model/version, it is also possible to recycle the fire Agent in order to remove impurity before using it again.

# THB/G1P model

## COMPONENTS AND DEVICES

- Steel structure
- Control panel with name labels of devices
- 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
- Pneumatic clamping vice for scale installation to safely clamp the cylinders during filling
- Vacuum pump to highly vacuumise the cylinders before filling

## AVAILABLE MODELS / VERSIONS

Model	Liquid flow	Gas flow	Max $\Delta$ Pressure	Efficiency
THB-BP	6 kg/1'	0,7 Kg/1'	15 bar (218 psi)	> 99%
THB-G1HP	7 kg/1'	0,9 Kg/1'	42 bar (610 psi)	> 99%

## POWER SUPPLY

Compressed air pressure	7 ÷ 9 bar
Required air capacity	From 600 to 900 NI/1'

> PER MAGGIORI INFORMAZIONI:  
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BULLETIN N° VE/THB-G1P-  
R1.15-E