

Clean Agent filling and recovery

Model THB/523

Premier unit specifically designed for handling NOVEC1230™, FM200™, HFC227ea and others with pressurisation pressures up to 70 bar



Description

The THB/523 equipment series is designed to fill, recover the fire extinguishing Clean Agents (both in liquid and gas phases) from system cylinders into other cylinders. The unit allows to recover the mixture Agent + Nitrogen from pressurized cylinders into cylinders of the same capacity, also at the same final filling pressure up to 70 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.

Model THB/523



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
- Kit of connecting hoses with on - off valves and safety cable
- User manual

ACCESSORIES ON 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
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)	450 NI/1'
Min. air capacity (for gas recovery)	900 NI/1'

> PER MAGGIORI INFORMAZIONI:
> FOR FURTHER INFORMATION CONTACT:
> POUR INFORMATIONS CONTACTER:

DAMOTEK S.r.l.

Via Avv. Giovanni Agnelli, 10 12033 MORETA (CN) ITALY
Tel: +39 0172 911235
Fax: +39 0172 911322

www.damotek.com
info@damotek.com

