

Extinguishing agent / Nitrogen separation unit

SHN/5 model

Unit specifically designed to separate the extinguishing agent from the pressurization Nitrogen



Description

This module is designed to process the Extinguishing Agent / Nitrogen mixture, recovered into the cylinders by the recovery unit (THB5 model), in order to separate the agent from the pressurization Nitrogen. This process removes the Nitrogen safely and accurately, preventing to stock the product at high pressure. Purpose of the process is to obtain a depressurized product with the chance to stock it in normal and lighter cylinders. Once achieved the final treatment with filtering module 3, the depressurization process allows to take the extinguishing agent again to the purity standards needed to re-use it for "critical uses" allowed by the applicable law.

AVAILABLE MODELS

- > SHN/5 single-phase
- > SHN/5 three-phase

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COMPONENTS AND DEVICES



- Painted steel structure
- Control panel with devices provided with name labels
- Electrical pumping group for liquid agent with magnetic drive
- Control gauges
- Probes with digital display for the measurement of process temperature
- Agent drying up entry filter
- Liquid Nitrogen entry filter
- Inlet/outlet automatic solenoid valves
- Automatic dump solenoid valve for separated Nitrogen
- Separated agent bunching tank with automatic level
- Controlling devices for the automatic separating process
- Kit of connecting hoses with safety cable
- User manual

TECHNICAL SPECIFICATIONS

Separation of the pressurization Nitrogen from the agent – Efficiency	> 96%
Separation capacity	25 – 40 kg/h*
SINGLE-PHASE power supply	220 Volt – 50 Hz
† Liquid Nitrogen supply	at 1,6 – 2 bar
Max inlet pressure	42 bar
Max outlet pressure	30 bar

* depending on working conditions

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

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