

Filling unit for cylinders used in the inert gas extinction systems

IG-FILL series

Designed for filling or top filling cylinders with Argon, Nitrogen, CO₂, (IG55, IG100, IG01, IG541, INERGEN®)



COMPONENTS AND DEVICES

- > Painted steel framework
- > Control panel
- > High pressure compression system
- > System to regularize and standardize the inlet pressure
- > High efficiency filtering system
- > Circuits for the direct and the by-pass refilling
- > Control gauge for:
 - Inlet pressure
 - Refilling pressure
- > Automatic stop device
- > Electrical panel board

Description

This series allows to refill the cylinders used in the extinction systems working with inert gases such as Argon, Nitrogen, CO₂, (IG55, IG100, IG01, IG541, INERGEN®).

The unit is composed by a high pressure compression system which is able to refill cylinders up to a maximum pressure of 310 bar.

The unit can be used both for the complete filling of empty cylinders, the top filling or the charge completion of cylinders partially refilled.

This unit is particularly useful for the operators that normally fill cylinders up to 200 bar and need to reach the pressure of 300 bar.

IG-FILL model

STANDARD EQUIPMENT



- > High pressure flexible hose connecting the supplying cylinders (equipped with safety cable)
- > High pressure flexible hose connecting the cylinders to be refilled (equipped with safety cable)
- > User manual

OPTIONAL ON REQUEST



- > Device for the refilling temperature control
- > Device for the weighting charge control
- > Manifold plus rack for 5 supplying cylinders connection
- > Manifold plus rack for the connection of 2 cylinders to be refilled
- > Kit for the supplying from liquid tank

TECHNICAL SPECIFICATIONS

| Model | IG-FILL 130 | IG-FILL 300 |
|------------------------------|-----------------------|-----------------------|
| CODE | MGXE010 | MGXE023 |
| Nominal capacity | 13 Nm ³ /h | 30 Nm ³ /h |
| Max operating capacity (bar) | 310 | 310 |
| Voltage/Frequency (Vac/Hz) | 400/50 | 400/50 |
| Max electrical power (kW) | 4,5 | 11 |
| Dimensions (Lxlxh mm) | 1000x750x1150 | 1060x810x1750 |
| Weight (Kg) | 180 | 450 |

> PER MAGGIORI INFORMAZIONI:
> FOR FURTHER INFORMATION CONTACT:
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