

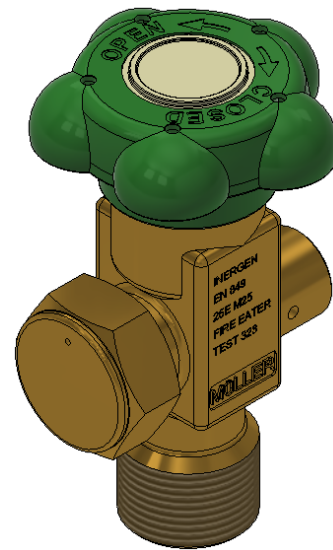
HWV Plug M25x1.5

Item numbers covered by this datasheet

603320 HWV Plug M25x1.5

General

The optional HWV Plug M25x1.5 is used to prevent leakage of filled Inergen® cylinders before installation and commissioning of Inergen® extinguishing systems. It is installed onto the outlet of a 300 bar HWV and creates a redundant elastomeric seal, acting as a backup to the main polymer seal in the HWV. This prevents any potential leakage problems during transportation and storage of filled cylinders.



Specifications

Temperature	-50°C to +70°C
Materials	Brass, elastomeric o-ring
Dimensions	32mm x 16mm
Weight	75g
Pressure [MPa]	
Work	40 MPa
Proof (burst)	>120 MPa
Thread connection	M25x1.5 (300 bar Inergen® systems)

Markings

Fire Eater logo
 “300 bar”

Installation

This HWV Plug is installed at Fire Eater just after measuring and controlling the pressure of the filled cylinder. It must be tightened completely down to metallic contact to ensure leak tightness and resistance to loosening, but not overtightened (app. 20 Nm).

Operating

The HWV Plug is removed immediately before installation of the discharge valve (Ci IV8). In case of a slow leak of the main HWV polymer seal, it may be pressurized. The design ensures that the pressure is vented through the vent hole before the threads disengage. Ensure that the HWV is completely closed and then carefully unscrew the HWV Plug a maximum of 2 full turns and wait for the pressure to vent, before fully unscrewing it from the HWV.

Maintenance, reuse and recycling

The HWV Plug can be reused if the o-ring is replaced after each use. Contact Fire Eater for spare o-rings if reuse is anticipated. Any used HWV Plugs can be returned to Fire Eater for reuse or they may be recycled locally.

Document: 603320 HWV Plug 25x1_5		1	Text
		2	
Category: Control inert	Id: PFJ	3	
	Rev: 2023-11-06	4	
		5	
		6	
		7	
		8	
		9	



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Replaceable parts

The o-ring must be replaced between every use and properly lubricated before use.

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Standards & approvals

The HWV Plug is not part of the installed Inergen system and does not need any special approvals as such. The dimensions of the HWV with a HWV Plug installed complies with the requirements in EN ISO 10297 fig.3, as it does not impair the protection offered by a standard valve protection cap that complies with EN ISO 11117.

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