



# Overfill Prevention Devices

Mod. 446



## APPLICATION

It's a Safety Accessories in according with Directive 2014/34/EU and harmonized standard EN ISO 13616. The valve is designed to prevent overfill of liquid from an aboveground and ground tank to the charging pipe installed on the tank.

## ATTENTION

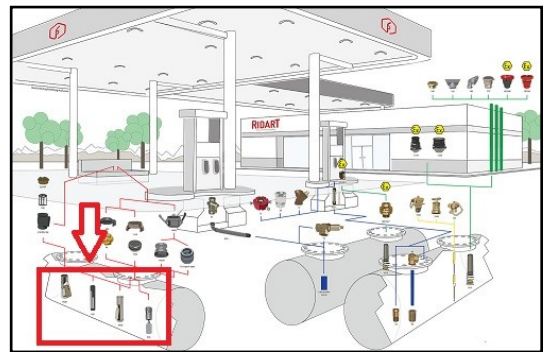
- \* Flow and Turbulence should modify initial and final closure level by  $\pm 20\%$ . The best performances allowed by the new regulation:
- Max operational pressure 4 bar for pressure filling.
- Loading process needs operator supervisor.
- Where liquid is not clear a strainer before the valve is strongly recommended in order to guarantee a proper working of the valve. Dirty particles in fact may damage the moving components causing malfunctioning.

## CHEMICAL SUITABILITY

- Standard Model is for traditional fuel without additives.
- Stainless Steel is a model for special fuel, aggressive solvents or compatible chemical products.



CE Ex II 3 G



## DIMENSIONS

Code	DN1	A	Min Free space	L1
446-50	2" BSPP M	75 mm	80 mm	220 mm
446-50 SS	2" BSPP M	75 mm	80 mm	220 mm
446-80	3" BSPP M	55 mm	100 mm	220 mm
446-80 SS	3" BSPP F	55 mm	100 mm	220 mm

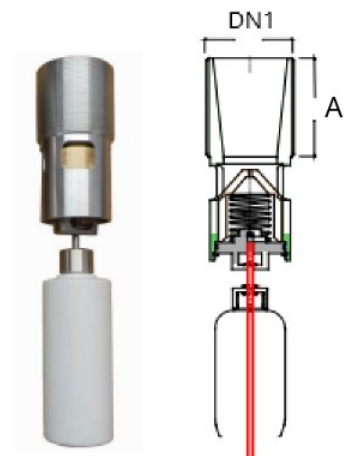
PARTS	446	446 SS
BODY	ALUMINIUM	STAINLESS STEEL
FLOATING	PP HD	PP HD
O-RING SEAL	VITON®	TEFLON®
SPRING	STAINLESS STEEL	STAINLESS STEEL
MAX WORKING PRESSURE	4 bar	4 bar
MIN WORKING PRESSURE	100 mbar	100 mbar

## FEATURES

- Gravity or pumped filling
- Positive shut-off
- Fast drain hose emptying (less than 30 sec /mt.)
- Remote or direct filling
- Maximum fuel storage capacity
- No risk of fire or fuel leaking
- Easy installation

## INSTALLATION

- Protection System is unidirectional and only for vertical installation.
- The valve is installed at the highest point of the tank, normally on the manhole cover.
- The final adjustment is to be made after its fixing
- For correct installation follow the Directives and product User Manual.
- For custom application or maintenance write to: [quality@ridart.it](mailto:quality@ridart.it)
- Declaration of Conformity and User Manual are available on: [www.ridart.it/support](http://www.ridart.it/support)



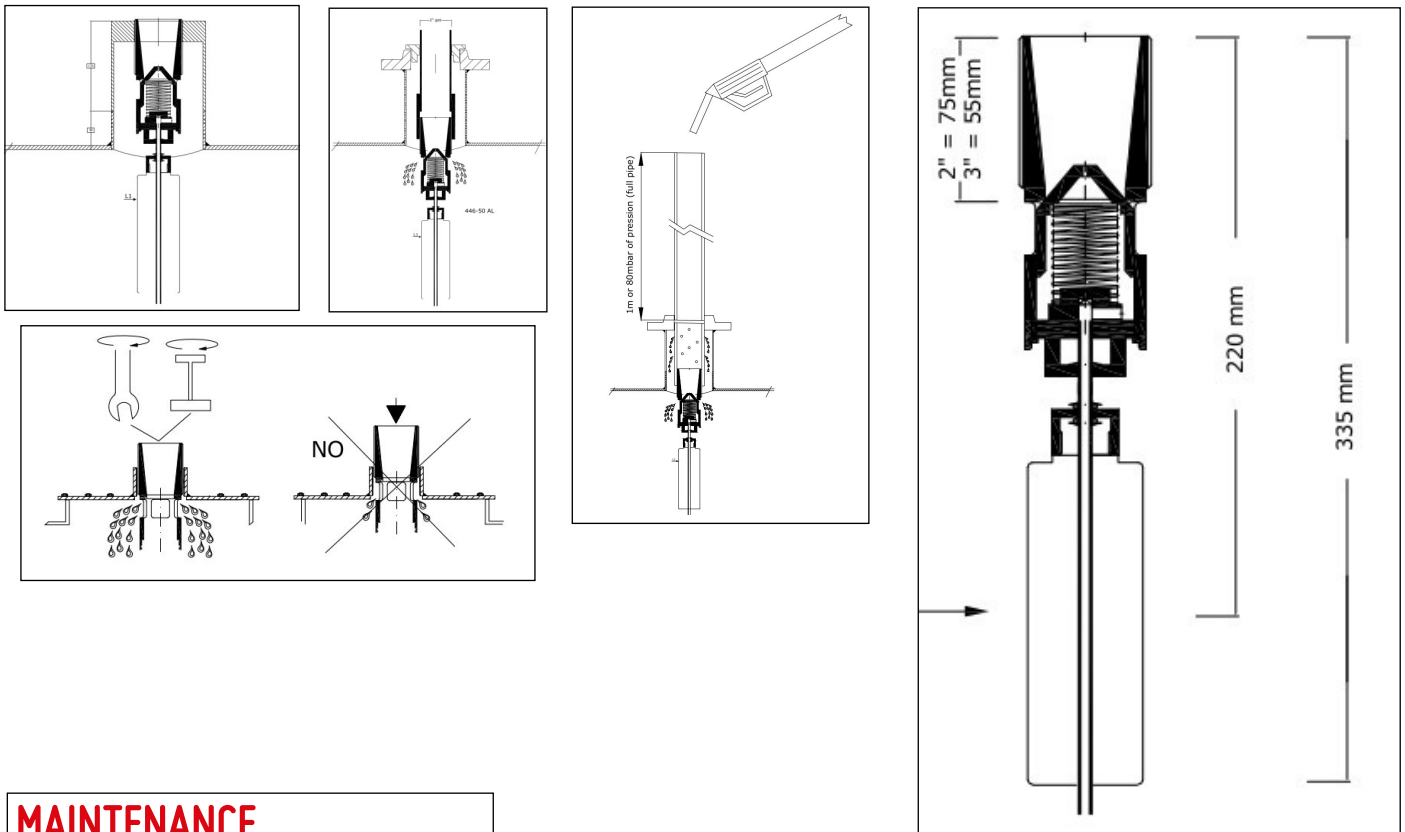
RIDART s.r.l. via Adua, 17 - 21045 Gazzada Schianno (VA) ITALY P.IVA/C.F. IT 01454770122

[www.ridart.it](http://www.ridart.it) [info@ridart.it](mailto:info@ridart.it) +39 0332 463301

Product Certification, Declaration of Conformity, User Manual and Testing on: [www.ridart.it/support](http://www.ridart.it/support)

The Data and Images are not binding. We reserve the right to make changes without notice. Pressure & Flow Tolerances  $\pm 20\%$ .

## INSTALLATION DIAGRAM







## MAINTENANCE

- Periodically check the device is necessary to remove possible dirty.
- The overfill prevention valve must be properly stored, handled and kept in good condition to prevent the entry of particles or the deposit of dust in the moving parts
- In case of tampering warranty expires and safety protection is not guaranteed.

To choose the correct overfilling valve, scan QRcode and fill in the form:



## YOU MAY ALSO BE INTERESTED IN:

CODE	DESCRIPTION	
442-80 AL	Overfill prevention valve 3" Mod. 442	
442B-100 AL	Overfill prevention valve 4" Mod. 442B	
442S-80 AL	Overfill prevention valve Short 3" Mod. 442S	
4420R-80 AL	Overfill prevention valve horizontal 3" Mod. 442R	

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