

446

Overflow Valve



CE Ex II 2G

The 446 overflow valve is designed to avoid overflow of liquid during filling operations of underground (UST) or aboveground (AST) storage fuel tank to prevent environmental hazards.

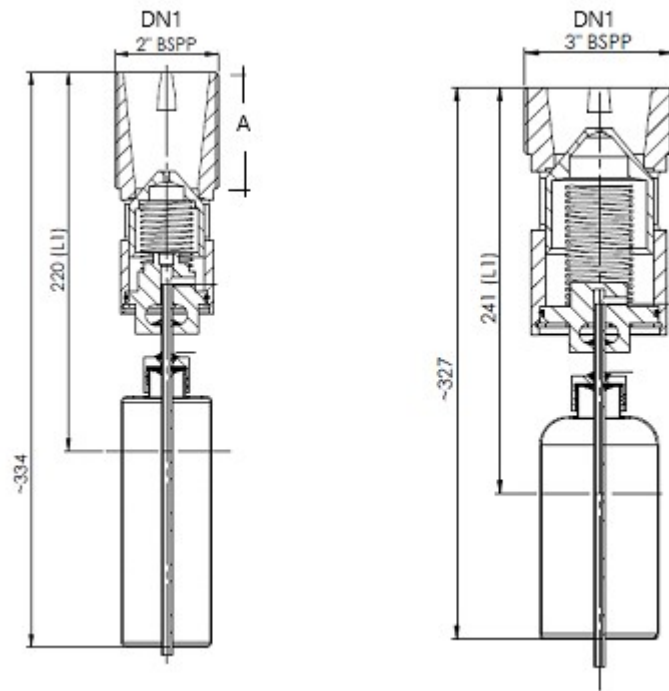
It is a device according with Directive 2014/34/EU and harmonized standard EN ISO 13616.



Specification

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

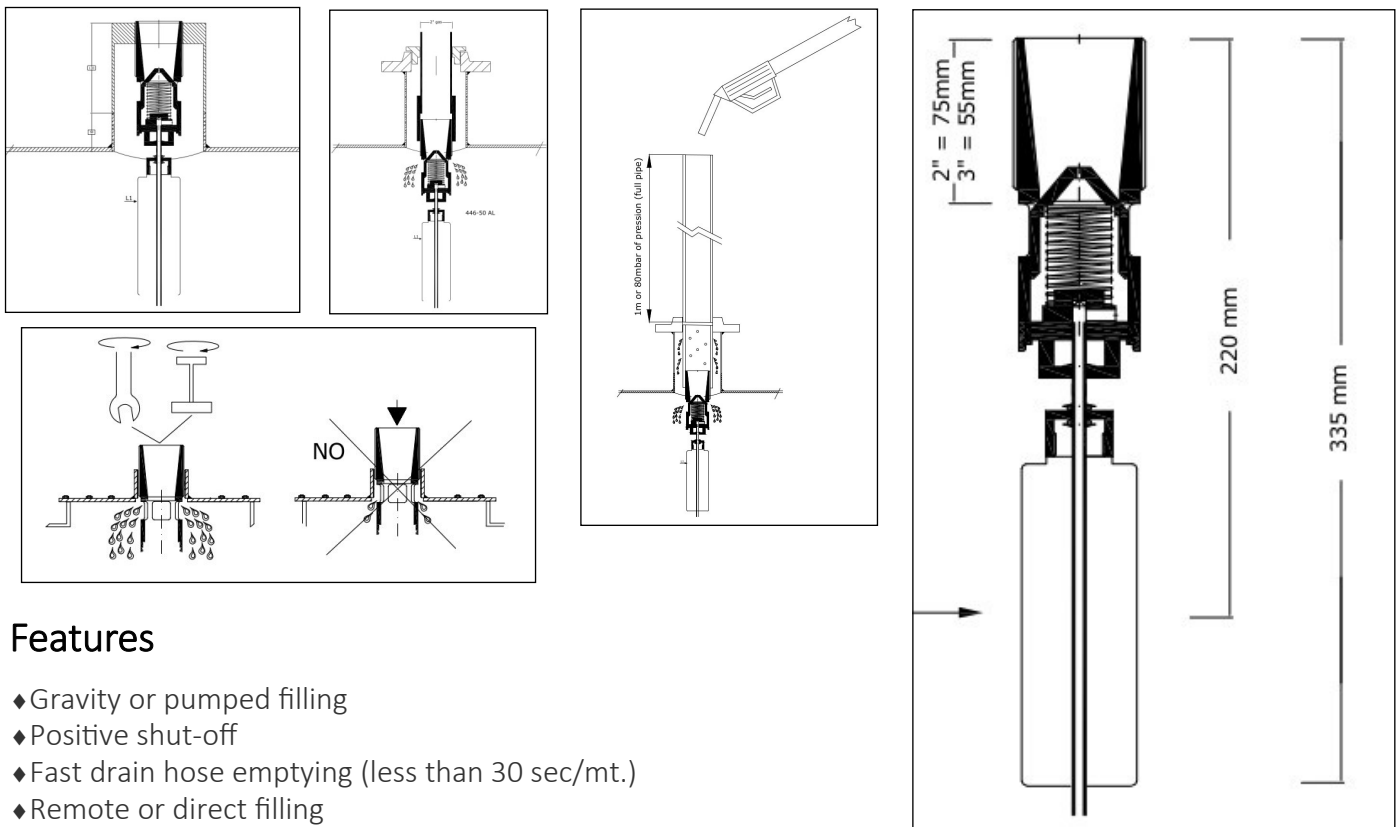
Code	DN1	A	Min Free space	L1
446-50	2" BSPP M	75 mm	80 mm	220 mm
446-50 SS	2" BSPP M	75 mm	80 mm	220 mm
446-80	3" BSPP M	55 mm	100 mm	241 mm
446-80 SS	3" BSPP M	55 mm	100 mm	241 mm



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
- Declaration of Conformity and User Manual are available on: www.ridart.it/support

Installation diagram



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

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.

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.



Scan the QR code
and select the appropriate
Overfill Prevention Valve