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INNOVATIONS IN FUEL HANDLING

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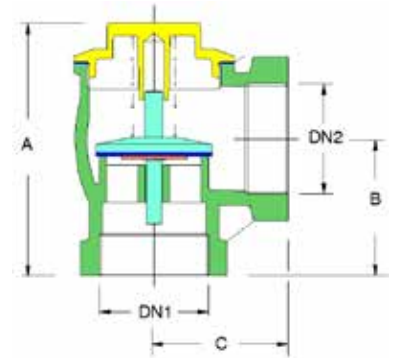
ANTI-SYPHON VALVE

APPLICATION

- This anti-syphon valve is designed to prevent product syphoning in an aboveground storage tanks and to stop the fuel leaking in case of a break in the pipework, thus preventing environmental pollution and fire hazards.
- The valve is only intended for installation on top of aboveground tanks. The springs are used for hydrostatic heads: 1-5', 6-10', 11-15' or 16-20' (1,5, 3, 4,5, 6 meters)

CHARACTERISTICS

Housing	Brass
Poppet	Brass
Springs	Steel
Gaskets	Viton
Nominal pressure	PN 16
Thread	BSP ISO 228-1



PART NUMBER	DN 1	DN 2	A	B	
ASV25	1" Female	1" Female	95 mm	48 mm	49 mm
ASV40	1 1/2" Female	1 1/2" Female	100 mm	53 mm	55 mm
ASV50	2" Female	2" Female	130 mm	60 mm	79 mm



INSTALLATION AND ADJUSTMENT

- the valve is installed at the highest point of the tank, normally on the manhole cover.
- First be aware that the system is drained.
- Determine the height of the system and the correct spring to use (see Color Spring Instructions below).
- Once the correct spring is selected place it over poppet shaft.
- Apply sealant to the threads including the covering plug.
- While screwing the plug be careful to put brass poppet guide over poppet shaft while tightening down.
- Tighten with pipe wrench after making sure that an airtight seal has been reached.
- Do not overtighten.

MAINTENANCE

- Where working conditions may require it, the valves should be inspected periodically.
- Remove dirt particles where present. If the poppet seems to be damaged or pitted it has to be replaced by a new one together with the gasket.

