

“Pillar Standpipe” Assembly

Model SPHUD – Tamperproof – Flange Mounting - Datasheet

Description

Tamperproof and inconspicuous Standpipe enclosure with removable Hose Union Tap for a hose pipe where the risk is Fluid Category 3.

When closed, the Standpipe resembles a Pillar with all internal components including the tap outlet concealed. The hinged lid can be locked shut with the supplied key, ensuring the Standpipe is tamperproof.

The removable tap outlet has a push-fit connection. Inserting the tap outlet into the tap body automatically opens the flow of water with one simple action. Once the tap outlet has been inserted, it is free to rotate to find the optimum position for the desired use.

The Standpipe can be bolted to a concrete floor or mounted on an optional “Pile”. The galvanised Pile can be buried in soft ground or in an area to be subsequently concreted. M12 stainless bolts are provided to bolt the Pile and Standpipe together. The mating flanges would normally be positioned 30 mm above ground but for aesthetic reasons in gardens the flanges may be buried up to 50 mm beneath the soil surface.

The Standpipe assembly features a Double Check Valve providing Fluid Category 3 protection. A servicing valve is also supplied and all serviceable components are accessible from the front. The stainless steel housing includes foam insulation, which provides some frost resistance.

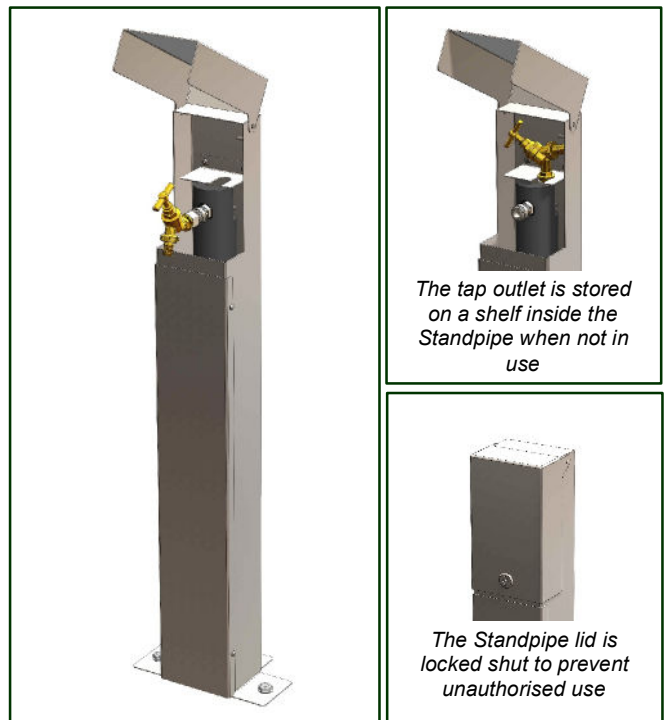
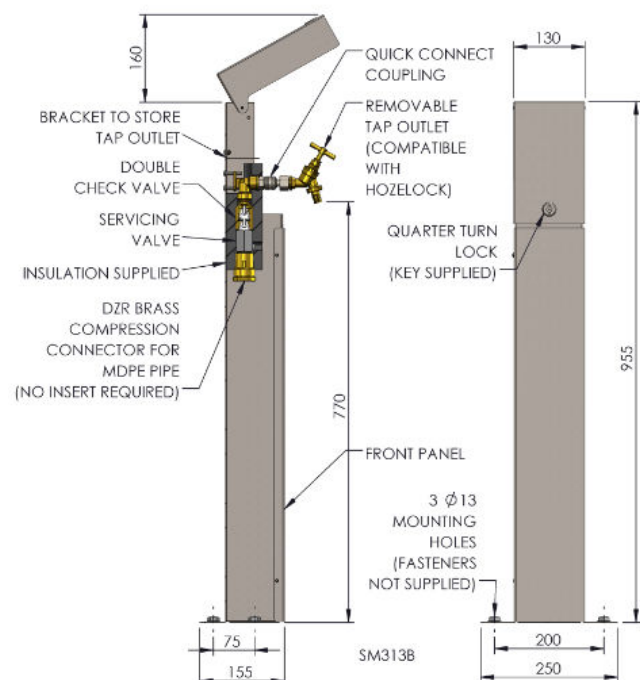
Specification

Pressure Supply	10 bar maximum
Inlet	20 or 25 MDPE or 22 mm Cu
Outlet	Compatible with Brass CK Inter-lock or “Hozelock”

Materials

Standpipe and Panels	1.5 mm 316 Stainless steel
MDPE Connectors	DZR brass (no insert required)
Fasteners	Stainless steel
Double Check Valve	DZR brass
Bib Tap	Brass

Dimensions



Water Regulations

The Double Check Valve fitted provides adequate protection against Fluid Category 3 risks.

A DB Pipe Interrupter can be fitted for certain Fluid Category 4 applications, such as mini irrigation systems. By default, all non-house HU taps are Fluid Category 5 (G6.1e) requiring a dedicated Break Tank and Booster Set with type AB air gap (model BTAB or BTMIDI).

Applications

The “Pillar Standpipe” incorporates a Double Check Valve (ED device) and is suitable for Fluid Category 3 applications –

- Retail parks
- Schools & car parks
- Private, residential & public gardens
- Golf courses & bowling greens
- Caravan sites
- Garden centres (can be Fluid Category 4)
- Garages & vehicle washing (often Fluid Category 4)
- Marinas (often Fluid Category 5 for large craft)

Codes and Descriptions

Size	Code	Description
DN15	SPHUD15X20	½" Pillar Standpipe 20 MDPE
DN15	SPHUD15X25	½" Pillar Standpipe 25 MDPE
DN15	SPHUD15X22C	½" Pillar Standpipe 22 Comp
	EMKAKEY	Spare Key for Pillar Standpipe
DN15	HUDTAPB	Replacement HUD Tap Outlet Brass
	SPPILE	Pile for Soft Ground c/w M12 SS Fasteners

Arrow Valves Ltd

Tel: 01442 823123 Fax: 01442 823234

www.arrowvalves.co.uk

Arrow Valves Ltd reserve the right to change specifications, design and materials at any time without notice.

All unit-less dimensions in mm.

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