

“Conceal-A-Tap” – Concealed Hose Union Tap

Model HUC - (Vandal & Frost Resistant) - Datasheet

Description

Vandal proof and frost resistant hose union tap, which is recessed into a wall. The tap seat is located 100 mm deep into the wall and therefore within the thermal envelope of the building. The outlet drains once the tap is closed and hose removed - the unit is unlikely to freeze. A special key is supplied to extend the telescopic assembly and then the same key operates the tap.

The unit is suitable for any thickness of wall – the installer cuts the 15 mm copper tube to the required length. Walls or partitions less than 113 mm would result in the unit protruding behind the panel. The Conceal-A-Tap is ideal for standard cavity walls.

The hose usually hangs down to avoid kinking; however the telescopic assembly also rotates to enable the hose to exit in any direction. The unit may be installed in floors in frost protected areas (below floor mounting requires the water to be supplied through a type AB Air-gap – e.g. sports changing rooms etc.

Installation

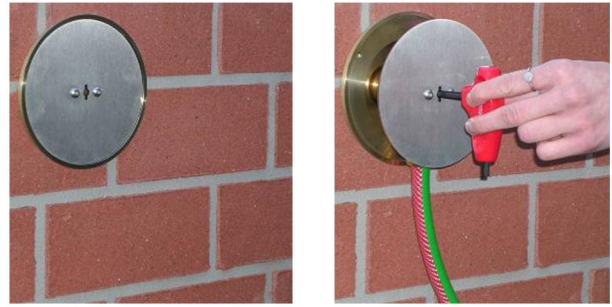
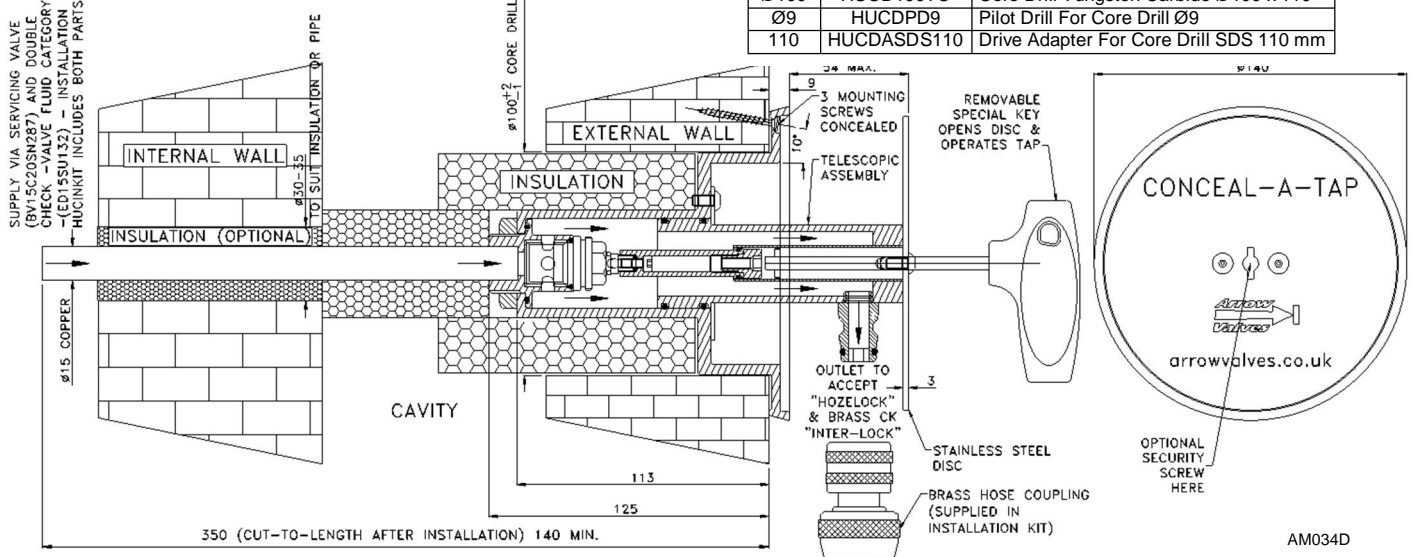
Conceal-A-Tap is easy to install, requiring a 100 mm diameter hole – use standard core drill – through the external wall. The internal wall requires a 17 mm hole (no insulation) or 30 mm with insulation. It is secured to the wall with three No.6 screws, which are covered by the disc (disc removable to facilitate installation – hexagon key supplied). The installation kit includes – full bore servicing valve, low head loss double check valve (model ED15C515), push-fit metal elbow, stainless screws, wall plugs and brass DN15 Inter-lock hose connector.

Specification

| | |
|---------------------------------|---|
| Pressure Supply | 10 bar max. |
| Wall thickness | Any (will protrude if <113 mm) |
| Inlet | 15 mm copper |
| Outlet compatible with Approval | Brass CK Inter-lock & “Hozelock” KIWA UK 1010703 Patent No. 2404238 |

Materials

| | |
|-----------------|---------------------------|
| Housing | Gunmetal |
| Disc (standard) | Stainless steel (brushed) |



Conceal-A-Tap – brushed stainless disc.
Suits any wall thickness

Water Regulations

The local water company can “risk assess” the proposed installation and determine the level of protection required (G15.18). A Double Check Valve is the minimum backflow protection required for Fluid Category 3 applications – model ED132 (very low head loss). Supply via an RPZ valve for Fluid Category 4. 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 BTABV). A Servicing Valve should be fitted to the supply (G11.1).

Servicing

All servicing is performed from the front, where it is possible to replace the standard tap cartridge and all seals. The servicing kit contains: Cartridge, Seal set & silicone grease, 3 mm hexagon key.

Options

The standard disc is brushed stainless, brass or coloured coatings available, contact us. Security kit includes additional screws and key, locking disc closed.

Range of hoses; wash down guns & quick connectors.

Codes and Descriptions

| Size | Code | Description |
|-------|-------------|---|
| 15 mm | HUC15 | Conceal-A-Tap Stainless Disc |
| 15 mm | HUCINKIT | Conceal-A-Tap Installation Kit |
| | HUCSECKIT | Conceal-A-Tap Security Kit |
| | HUCSPKIT | Conceal-A-Tap Service Kit |
| | HUCKEY | Replacement HUC Key |
| Ø100 | HUCD100TC | Core Drill Tungsten Carbide Ø100 x 110 |
| Ø9 | HUCDPD9 | Pilot Drill For Core Drill Ø9 |
| 110 | HUCDASDS110 | Drive Adapter For Core Drill SDS 110 mm |

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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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