

wavin

An Orbia business.

Hep_vO Fitting Instructions

BV1 (32mm) & CV1 (40mm)

Hep_vO is a self-sealing waste valve which prevents foul sewer air from entering a building. Hep_vO is suitable for use as an alternative to a traditional water trap. As it doesn't rely on trapped water to create a seal, Hep_vO cannot lose its seal due to evaporation, movement, leaking or siphonage. With its space saving design, Hep_vO can be installed horizontally or vertically. Hep_vO allows the admittance of air into the waste system and can replace the need for AAVs in branch ventilation.

UK Patent Numbers.

2320310 - 2352496 - 2352497

UK Design Reg. No. 2061474

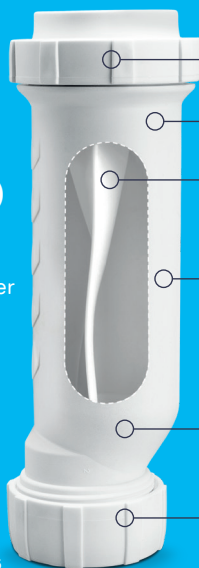
European Patent No. 0941433



WMKT200062



WMTS047:2016 ATS 5200-047:2005



BV1 connects to 1½" BSP thread.
CV1 connects to 1½" BSP thread.

Admits air into the waste system, reducing requirement for additional venting.

Elastomeric membrane in the form of a self-flattening tube prevents foul sewer air from entering the building.

Inline design and smooth bore prevents blockages and risk of stagnating solids.

Universal compression outlet designed to fit pipes:

PP to EN 1451

ABS to EN 1455

PVC-C to EN 1566

PVC-U to AS1260

HDPE to EN 1519

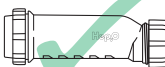
Compact design, means Hep_vO is ideal for installation in confined areas.

Fixing

1. Offer up the Hep_vO inlet to the threaded tail of the waste pipe and tighten the captive nut by hand (check that the nut screws on square and does not 'cross-thread'), hand-tight should be adequate. When the captive nut is tight, proper seating should be obtained and the Hep_vO body should be secure.
2. Cut the pipe to length, allowing for the full compression socket depth (preferably using an appropriate pipe cutter).
3. Remove any 'swarf' from the end of the plastic pipe. If using copper, ream the pipe end to remove any 'burr' and file if necessary, to remove any external sharp edges. Mark the socket depth on the pipe, and check that the pipe section to be jointed is free of any surface damage, which may affect the joint seal.
4. Unscrew the nut from the Hep_vO outlet and slide the nut and rubber seal onto the pipe.
5. Slide the rubber seal and screwed cap against the face of the socket, and tighten the cap sufficiently hand-tight (check that the cap is square to the body and does not 'cross-thread').
6. Slide the rubber seal and screwed cap against the face of the socket and hand tighten the cap sufficiently, checking that the cap is square to the body and does not 'cross-thread'.
7. Flush through with water prior to first use.



When installed horizontally the **arrows must be pointing in the direction of flow and on the underside** to ensure correct operation.

RIGHT**Flow****WRONG**

DO'S When fixed horizontally to an appliance outlet or to a sloping pipe, in order to prevent standing water and to provide a continuous fall, Hep_vO must be installed with the **arrows on the underside**.

DON'TS Do not use any jointing compound or sealant on the Hep_vO inlet or outlet connections.

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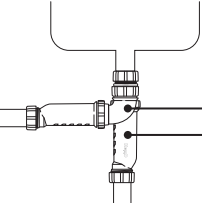
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	Description	Nom Dia (mm)	Cat No
	Hep_vO Hygienic Self-sealing Waste Valve	32 40	BV1 CV1
	Hep_vO 87.5° Knuckle Adaptor. For installing Hep _v O in horizontal applications	32 40	BV11 CV11
	Hep_vO Running Adaptor For installing Hep _v O in a pipe run.	32 40	BV3 CV3
	Hep_vO Tundish Adaptor kit. For fitting to the discharge of a domestic unvented hot water storage system where a temperature and pressure relief valve is present) 32mm BV1/21	32	BV1/21

These instructions are for guidance only.
 Detailed installation information is available in the Hep_vO product guide or WRc Technical Note: 10317.
 Local Building Control should be notified before installing any unvented hot water storage system system.

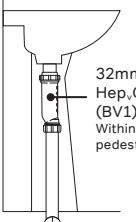
Sink



40mm 87.5° Knuckle Adaptor (CV11)
40mm Hep_vO (CV1)

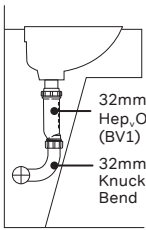
NOTE: Illustration shows alternative horizontal and vertical installations

Basins



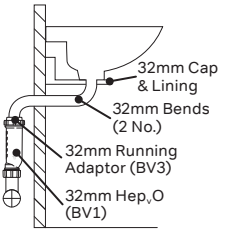
32mm Hep_vO (BV1) Within the pedestal

Pedestal Basin



32mm Hep_vO (BV1)
32mm Knuckle Bend

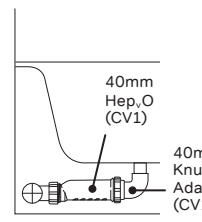
Counter Top Basin



32mm Cap & Lining
32mm Bends (2 No.)
32mm Running Adaptor (BV3)
32mm Hep_vO (BV1)

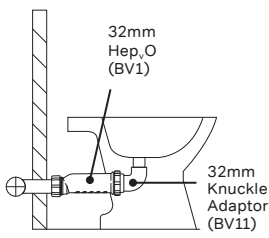
Ducted Basin

Bath & Shower



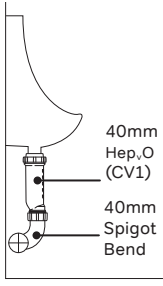
40mm Hep_vO (CV1)
40mm 87.5° Knuckle Adaptor (CV11)

Bidet



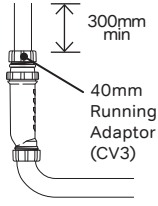
32mm Hep_vO (BV1)
32mm Knuckle Adaptor (BV11)

Urinal



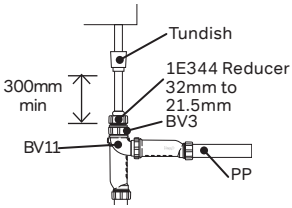
40mm Hep_vO (CV1)
40mm Spigot Bend

Washing Machine/ Dishwasher



300mm min
40mm Running Adaptor (CV3)

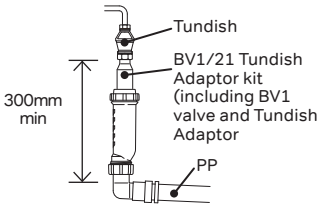
Condensate drainage from condensing boilers and air conditioning units



Tundish
1E344 Reducer
32mm to 21.5mm BV3
BV11
PP

300mm min

Unvented domestic hot water cylinder



Tundish
BV1/21 Tundish Adaptor kit (including BV1 valve and Tundish Adaptor)
PP

300mm min