

wavin**OSMA**

Hep_vO Fitting Instructions BV1 (32mm) & CV1 (40mm)

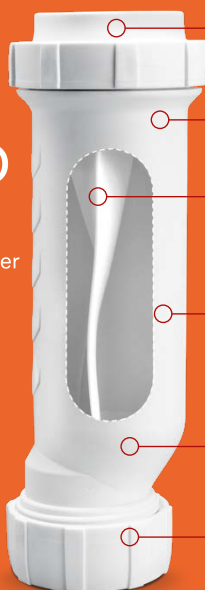
Hep_vO is a self-sealing waste valve which prevents foul sewer air from entering a building. Hep_vO is suitable for use as an alternative to a traditional water trap. As it doesn't rely on trapped water to create a seal, Hep_vO cannot lose its seal due to evaporation, movement, leaking or siphonage. 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

ATS 5200-047:2005



BV1 connects to 1 1/4" BSP thread.
CV1 connects to 1 1/2" 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.

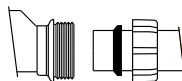
Inline design and smooth bore prevents blockages and risk of stagnating solids.

Universal compression outlet designed to fit Polypropylene pipe to BS EN 1451; ABS pipe to BS EN 1455; PVC-C pipe to BS EN 1566 or BS EN 1057/ BS 659 copper pipe.

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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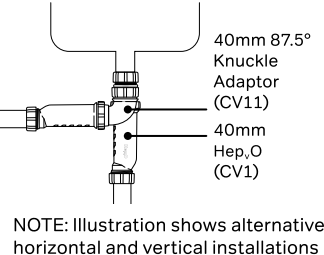
TECHNICAL ADVICE

Email: technical.design@wavin.co.uk or call 0800 0380088

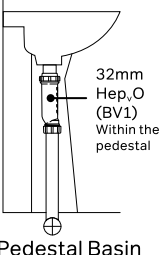
	Description	Nom Dia (mm)	Cat No
	Hep_vO Hygienic Self-sealing Waste Valve	32 40	BV1 CV1
	Hep_vO 87.5° Knuckle Adaptor. For installing Hep _v O in horizontal applications	32 40	BV11 CV11
	Hep_vO Running Adaptor For installing Hep _v O in a pipe run.	32 40	BV3 CV3
	Hep_vO Tundish Adaptor kit. For fitting 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 Osma Hep_vO product guide www.wavin.co.uk or WRc Technical Note: 10317. Local Building Control should be notified before installing any UVDHW system.

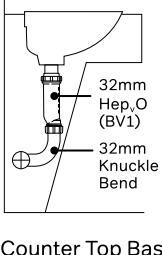
Sink



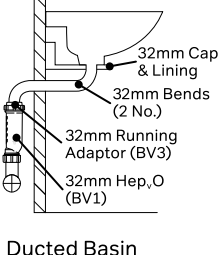
Basins



Pedestal Basin

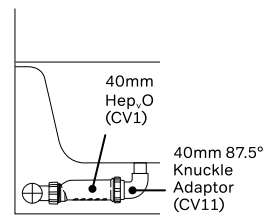


Counter Top Basin

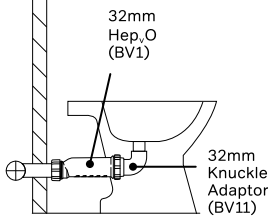


Ducted Basin

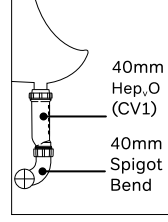
Bath & Shower



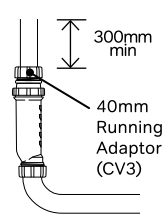
Bidet



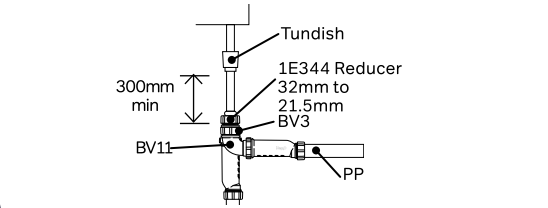
Urinal



Washing Machine/ Dishwasher



Condensate drainage from condensing boilers and air conditioning units



Unvented domestic hot water cylinder

