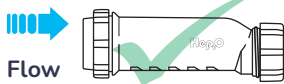


## Installation instructions

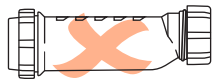
1. Cut the tube to length, allowing for the full compression socket depth, (using an appropriate tube cutter).
2. If using plastic tube, remove any loose material from the inside and the outside of the end of the tube. If using metallic tube, remove any burrs or sharp edges from the inside or the outside of the tube and file if necessary. Mark the socket depth on the tube, and check that the tube section to be joined is free of any damage which may affect the joint seal.
3. **If making a slip joint inlet connection** unscrew the slip-nut from the In Line adapter and slide the slip-nut, slip washer and rubber seal onto the tube.
4. Insert the tube end fully into the socket.
5. Slide the rubber seal and screw slip-nut up against the face of the socket and tighten the slip-nut by hand, (check that the slip-nut is square to the body and does not 'cross-thread'), hand tight should be adequate to form a proper seal.
6. **The valve outlet is configured for direct connection to Schedule 40 ABS pipe.** Use a suitable glue to connect ABS 1 1/2" pipe into the valve outlet socket. The outlet is rotatable before or after installation due to the two-piece construction of the outlet fitting.
7. **For outlet connection to other pipe materials like PVC,** first unscrew the existing outlet connection to reveal the male thread. An alternative female adapter (not supplied) would then be used. Note that in this case Teflon Tape must be used on the threads to give a secure outlet seal.

**Note:** The Hep<sub>v</sub>O inlet can also make a threaded connection onto a fixture outlet, either directly or in combination with our angled adapter.

### RIGHT



### WRONG



### Side elevation

When installed horizontally the ribs must be underneath to ensure correct operation.

**DO'S** When fixed horizontally to a fixture outlet or to a sloping tube, in order to prevent standing water and to provide a continuous fall, the Hep<sub>v</sub>O valve must be installed with the ribs underneath.

**DON'TS** Do **not** use any jointing compound or sealant on the Hep<sub>v</sub>O inlet or outlet connections.

## MAINTENANCE

If mechanical devices such as spiral snakes, rippers or water jetters are required to clear blockages in the waste system, the Hep<sub>v</sub>O valve must be removed first. It is good practice to rinse the Hep<sub>v</sub>O valve with a little clean water before replacing it in the system.

Hep<sub>v</sub>O is resistant to standard caustic-based drain cleaners and acid-based cleaners with concentrations up to 10%. When flushing with higher concentrations of acid based cleaner, the valve must be removed before the operation.

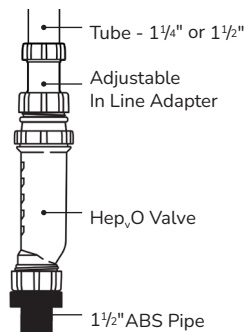
**IMPORTANT NOTE:** For HVAC Condensate applications, some additional installation guidelines need to be followed. Please refer to our document on [wavin.us/hepv0](http://wavin.us/hepv0)

Wavin 950 Winter Street, South Entrance 1st Floor, Waltham, MA 02451, United States | 5700 Côte de Liesse Montréal, QC H4T 1B1  
Phone CAN 514-735-7585 / 1800-561-1169 | US 514-735-3632 / 1800-763-3632 | [customer.service@orbis.com](mailto:customer.service@orbis.com) | [wavin.us](http://wavin.us) | [wavin.ca](http://wavin.ca)

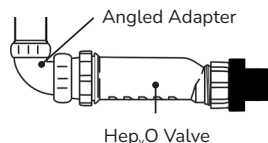
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## Vertical installation



## Horizontal installation



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ASME/ANSI A112.18.8



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