

MValve Installation Guide

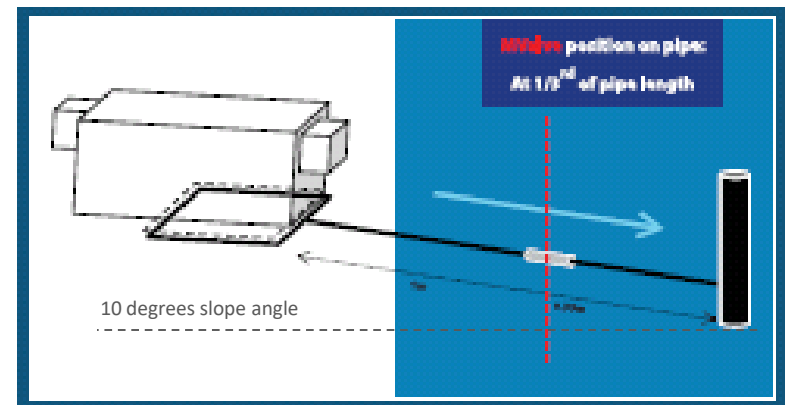
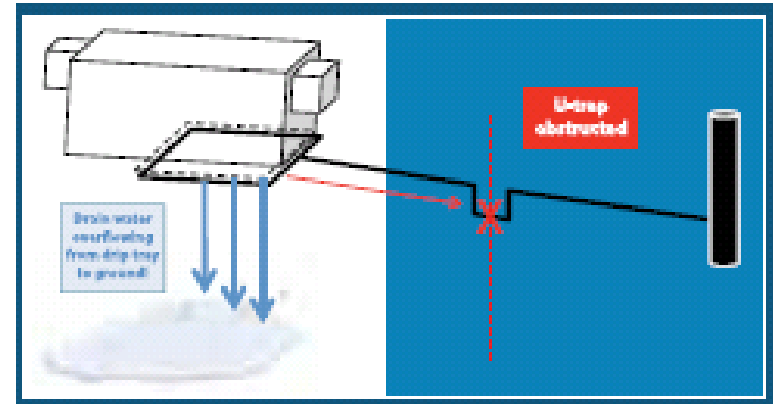


Clean drip tray from all water, rust, dust and gel.
Insert MValve at $\frac{1}{3}$ rd of drain water pipe length.
Make sure that blue arrows are in vertical position.
Slope drain water pipe by 10 degrees.
See drawings.

Model Number	MV-AC25
Material	PVC
Color	Full Transparent

Length	250 mm
Outer Diameter	25 mm (ISO standard)
Wall Thickness	2.0 mm (ISO standard)

Water drain volume	approx. 2 liters
Slope angle	Minimum 10 degrees
Replacement	Every three (3) years



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For **existing** air condition units, cut and remove the installed u-trap with proper PVC Cutter. (Do not use cutting saw that produces small PVC particles)



Deep clean the full air condition unit

Deep clean the air filters, coil, blower engines, drip tray and all drain pipes (replace or flush both drain pipe sides with water or gas) to remove any water, rust, dust, dirt or gel.

Before installing MValve, run water thoroughly inside the drip tray and drain pipe to get very clear water without any dirt particles. Water should run very clean and very smoothly.

Installation

Use ISO Standard straight connectors 25 mm Inner Diameter or Removable connector type:

Standard



Removable



- ✓ Ideally, install MValve at 1/3rd of the drain water pipe length from air condition unit for better velocity and flush power.
- ✓ Connect MValve and connectors to the drain pipe line.
- ✓ Make sure that **MValve and blue arrows** marks are in vertical position (on top).
- ✓ Slope drain water pipe by minimum 10 degrees.
- ✓ Run air condition and observe that the condensation water is passing through MValve without any dirt particles.
- ✓ Insure no leak from all joints. *Use little Teflon tape if needed.*

Photos and videos are available on www.mvalveworld.com for your reference.

MValve Air Vent Pipe Installation for large FCUs

