

Dear MEP Engineers/Designers/Consultants/Facility Management/HSE/,

25 cm that will change your HVAC life forever!

MValve is a simple, 25 cm full transparent PVC pipe, with built-in one-way air valve allowing water to drain freely from the drip tray and blocking bad smell from coming back into the premises!

MValve replaces the very old and problematic u-trap.

Technicians and users alike, can “visually” check MValve proper operation anytime, without the need of any tool or physical operation.

By installing MValve in replacement of u-trap, just consider these advantages and savings:

- ✓ No more "blind" periodic and mandatory service
- ✓ Clean on Demand only
- ✓ No more frequent water leak
- ✓ No more gas or water pressure to flash the drain pipe
- ✓ No more pipe sweating
- ✓ No more foam insulation
- ✓ No more gluing
- ✓ No more water evaporation inside u-trap resulting in bad smell infiltration
- ✓ Minimal Bacteria forming
- ✓ Better Indoor Air Quality (IAQ)
- ✓ Visual check anytime – no tools needed
- ✓ Air Condition Unit Health Indication (by looking at drain water color)
- ✓ 20 cm saving in false ceiling height for new AC unit installations
- ✓ Less frequent technician service visits
- ✓ One (1) technician can cover several locations and buildings since no more “blind service” is needed
- ✓ Replace after 3 years (depending on use)

Technical Advantages

- ISO Standard: Length 25 cm, Outer Diameter 25 mm, Wall Thickness 2.0 mm
- Water drain volume: up to 2 liters with standard 10 degrees slope
- Full transparent PVC allowing visual check anytime
- Rust and water proof
- No mechanical parts, virtually maintenance free
- Install with two standard straight connector PVC pipes
- Installation time: less than 10 minutes!
- Can be placed anywhere on the drain line (recommended at 1/3 of pipe length for higher water velocity/speed and better flushing)
- Designed for FCUs up to 5 tons
- Replace every three years

MValve can be installed in new or existing Air Condition Fan Coil Units (FCUs).