



JV050004
Matrix
Adjustable Height
Single Meter Port Boundary Box
c/w Isolation and Non-Return Valve
25mm & 32mm
Push Fit Connections



The JV050004 Matrix single manifold meter boxes are buried, usually in pavements and walk ways. The box offers great flexibility and versatility.

It is telescopic allowing for easy and precise adjustment. The moulded, two piece telescopic chamber greatly reduces the risk of ground water getting into the system through any seals or joints. This means that the water reader is less likely to encounter a chamber that is full of water.

The small, stable footprint of the boundary box makes it easy to install in congested trenches and requires minimal excavation. The round surface box has a removable square flange that makes correct back filling easy. The surface box flange can also be rotated 360° and the surface box has up to 8° of tilt making alignment with paving materials and gradients simple.

Features	Specifications
Frame & Cover	Universal 8° tilt. Pluck lid. Square swivel plate with lid tether. Glass Filled Polypropylene
Guard Tube Material	Mineral Filled Polypropylene
Guard Tube Profile	Stadium profile with 173mm x 116mm opening
Frost Protection	As standard in accordance with WIS 4-37-01
Shut Off Device	¼ turn with long key
Non Return Valve	In accordance with WIS 5-11-01
Manifold	Raised style; Plastic (Acetal Co-Polymer)
Meter Connection	1½" BSP concentric meters up to Qn 2.5m³/h
Head Loss	< 3 metres @ 25 l/min flowrate with meter
WRAS Approved	All the materials used in the box that come into contact with water are WRAS listed
Bearing Load	Grade C load bearing according to WIS 4-37-01 - Capacity of over 20 kN
Pressure Rating	Up to 16 bar
Lid	Marked 'WATER' and incorporates metal detector plate
Blanking Plugs	Full Flow (supplied as standard), Trickle Flow (optional), No Flow (optional)

PE Pipe Connection	Meter Connections	A (min) *	A (max) *	B	C	D	E	F	Weight Kg
25mm Push Fit	1½ BSP Concentric	480	870	35	208	151	225	173	4.5
32mm Push Fit	(Meter not supplied)								

* Including 50mm final height adjustment in surface box and 25mm guard tube

V210 Honeywell Water Meter (Optional)

The Honeywell V210 volumetric water meter is designed to be installed into a manifolds, boundary and meter boxes that have coaxial concentric connections



QTA0167 Installation Key (Optional)

Designed for the easy installation and removal of V210 Honeywell water meters in boundary boxes.

