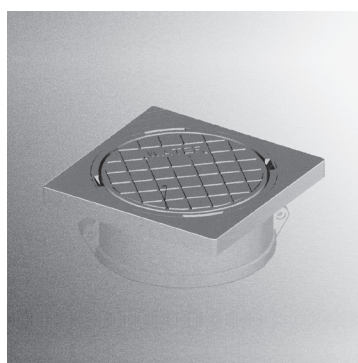


IRE MATRIX Below Ground Boundary Box Sealed Telescopic Plastic Raised Manifold



20/25/32mm PE and 1/2" / 3/4" / 1" IHG
PE Connections Class 1.S.C

16 Bar pressure rating Grade C load bearing



Part Code	Connections	Shut Off	Manifold Style	Lid*
E9195	20mm PE	1/4 Turn / Long Key	Raised / Plastic	TPSS
E9196	25mm PE	1/4 Turn / Long Key	Raised / Plastic	TPSS
E9197	32mm PE	1/4 Turn / Long Key	Raised / Plastic	TPSS
E9130	1/2" IHG PE	1/4 Turn / Long Key	Raised / Plastic	TPSS
E9900	3/4" IHG PE	1/4 Turn / Long Key	Raised / Plastic	TPSS
E9962	1" IHG PE	1/4 Turn / Long Key	Raised / Plastic	TPSS

* Lid marked 'WATER' and 'UISCE' and incorporates metal detector plate

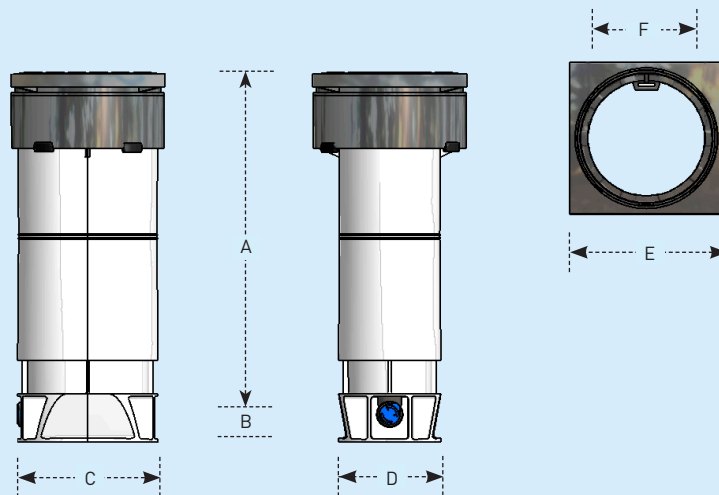
Key to Table Acronyms

TPSS: Tilt / Pluck / Swivel / Square

EIRE MATRIX Below Ground Boundary Boxes

20/25/32mm and 1/2"/3/4"/1" IHG push fit Class 1.S.C.

Feature	Specification
Frame and Cover	Universal 8° tilt. Pluck lid. Square swivel plate. Lid tether as standard. Optional without swivel plate or lid tether. Glass Filled Polypropylene. Grade C load bearing according to WIS 4-37-01
Guard Tube Material	Mineral Filled Polypropylene
Guard Tube Profile	Stadium profile with 173mm x 116mm opening
Height Adjustment (apr.)	470mm to 870mm (inc. 50mm final height adjustment in surface box and 25mm guard tube overlap)
Frost Protection	As standard in accordance with WIS 4-37-01
Water Tightness	Watertight
Shut Off Device	1/4 turn with long key
Non Return Valve	In accordance with WIS 5-11-01
Manifold	Raised style; Plastic (Acetal Co-Polymer)
Meter Connection	1 1/2" BSP concentric meters up to Qn 2.5m³/hr
Head Loss	< 3 metres @ 25 l/min flowrate with meter
Inlet	20mm, 25mm, 32mm push fit for PE pipe in accordance with WIS 4-32-11 or 1/2", 3/4", 1" Irish Heavy Gauge push fit for PE pipe
Outlet	20mm, 25mm, 32mm push fit for PE pipe in accordance with WIS 4-32-11 or 1/2", 3/4", 1" Irish Heavy Gauge push fit for PE pipe
Blanking Plugs	Full Flow (standard), Trickle Flow (optional), No Flow (optional). 27/28mm tapered A/F hexagonal upstand
Product Weight (approx.)	4.5kg
Pallet Quantity	40 per pallet
Tools	APC00598: Lid pluck tool BOP77011: 27mm socket for meter plug and NRV BOP77008: Short T bar 400mm long BOP77009: T bar extension 500mm long



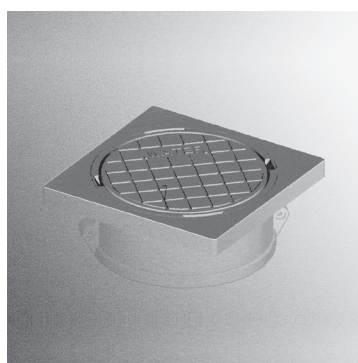
Box	A [min/max]	B	C	D	E	F
Matrix	470/870 mm	35 mm	208 mm	151mm	225 mm	173 mm

MATRIX Below Ground Boundary Box Sealed Telescopic Plastic Raised Manifold



25/32mm PE Connections Class 1.S.C

16 Bar pressure rating Grade C load bearing



Part Code	Connections	Shut Off	Manifold Style	Lid*
E8951	25mm PE	¼ Turn / Long Key	Raised / Plastic	TPSS
E9136	32mm PE	¼ Turn / Long Key	Raised / Plastic	TPSS
E9859	25mm PE	360° / Tee Head	Raised / Plastic	TPSS
E9884	32mm PE	360° / Tee Head	Raised / Plastic	TPSS

* Lid marked 'WATER' and incorporates metal detector plate

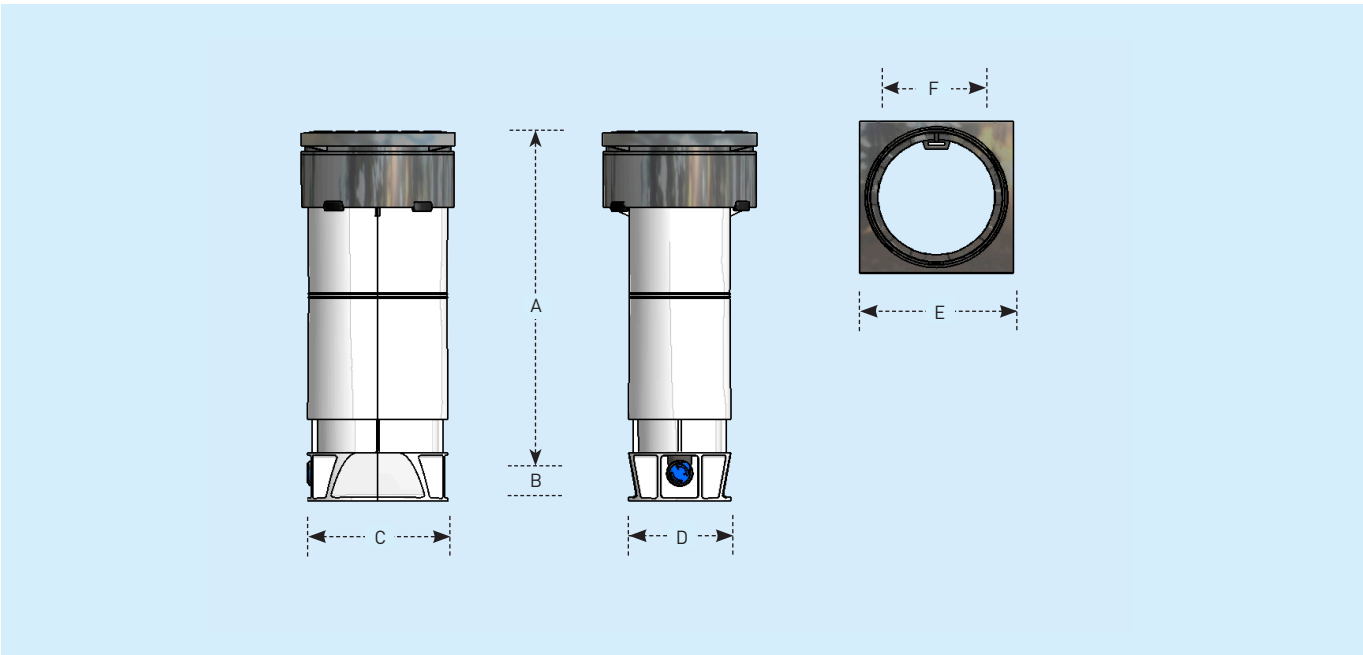
Key to Table Acronyms

TPSS: Tilt / Pluck / Swivel / Square

MATRIX Below Ground Boundary Boxes

25/32mm push fit Class 1.S.C.

Feature	Specification
Frame and Cover	Universal 8° tilt. Pluck lid. Square swivel plate. Lid tether as standard. Optional without swivel plate or lid tether. Glass Filled Polypropylene. Grade C load bearing according to WIS 4-37-01
Guard Tube Material	Mineral Filled Polypropylene
Guard Tube Profile	Stadium profile with 173mm x 116mm opening
Height Adjustment (apr.)	470mm to 870mm (inc. 50mm final height adjustment in surface box and 25mm guard tube overlap)
Frost Protection	As standard in accordance with WIS 4-37-01
Water Tightness	Watertight
Shut Off Device	¼ turn with long key or 360° with tee head
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/hr
Head Loss	< 3 metres @ 25 l/min flowrate with meter
Inlet	25mm or 32mm push fit for PE pipe in accordance with WIS 4-32-11
Outlet	25mm or 32mm push fit for PE pipe in accordance with WIS 4-32-11
Blanking Plugs	Full Flow (standard), Trickle Flow (optional), No Flow (optional). 27/28mm tapered A/F hexagonal upstand
Product Weight (approx.)	4.5kg
Pallet Quantity	40 per pallet
Tools	APC00598: Lid pluck tool BOP77011: 27mm socket for meter plug and NRV BOP77008: Short T bar 400mm long BOP77009: T bar extension 500mm long

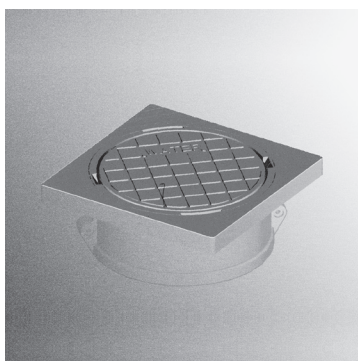


Box	A [min/max]	B	C	D	E	F
Matrix	470/870 mm	35 mm	208 mm	151mm	225 mm	173 mm

IRE MATRIX SHORT Below Ground Boundary Box Sealed Telescopic Plastic Raised Manifold

20/25/32mm PE and 1/2" / 3/4" / 1" IHG
PE Connections Class 1.S.C

16 Bar pressure rating Grade C load bearing



Part Code	Connections	Shut Off	Manifold Style	Lid*	Insulation
E9662	20mm PE	1/4 Turn / Tee Head	Raised / Plastic	TPSS	No
E9663	25mm PE	1/4 Turn / Tee Head	Raised / Plastic	TPSS	No
E9664	32mm PE	1/4 Turn / Tee Head	Raised / Plastic	TPSS	No
E9090	1/2" IHG PE	1/4 Turn / Tee Head	Raised / Plastic	TPSS	No
E10003	3/4" IHG PE	1/4 Turn / Tee Head	Raised / Plastic	TPSS	No
E10004	1" IHG PE	1/4 Turn / Tee Head	Raised / Plastic	TPSS	No

* Lid marked 'WATER' and 'UISCE' and incorporates metal detector plate

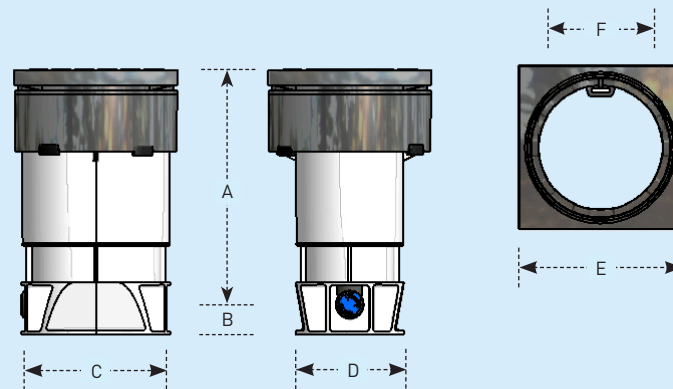
Key to Table Acronyms

TPSS: Tilt / Pluck / Swivel / Square

EIRE MATRIX SHORT Below Ground Boundary Boxes

20/25/32mm and 1/2"/3/4"/1" IHG push fit Class 1.S.C.

Feature	Specification
Frame and Cover	Universal 8° tilt. Pluck lid. Square swivel plate. Lid tether as standard. Optional without swivel plate or lid tether. Glass Filled Polypropylene. Grade C load bearing according to WIS 4-37-01
Guard Tube Material	Mineral Filled Polypropylene
Guard Tube Profile	Stadium profile with 173mm x 116mm opening
Height Adjustment (apr.)	310mm to 545mm (inc. 50mm final height adjustment in surface box and 25mm guard tube overlap)
Frost Protection	Not available
Water Tightness	Watertight
Shut Off Device	1/4 turn with tee head
Non Return Valve	In accordance with WIS 5-11-01
Manifold	Raised style; Plastic (Acetal Co-Polymer)
Meter Connection	1 1/2" BSP concentric meters up to Qn 2.5m³/hr
Head Loss	< 3 metres @ 25 l/min flowrate with meter
Inlet	20mm, 25mm, 32mm push fit for PE pipe in accordance with WIS 4-32-11 or 1/2", 3/4", 1" Irish Heavy Gauge push fit for PE pipe
Outlet	20mm, 25mm, 32mm push fit for PE pipe in accordance with WIS 4-32-11 or 1/2", 3/4", 1" Irish Heavy Gauge push fit for PE pipe
Blanking Plugs	Full Flow (standard), Trickle Flow (optional), No Flow (optional). 27/28mm tapered A/F hexagonal upstand
Product Weight (approx.)	3.4kg
Pallet Quantity	40 per pallet
Tools	APC00598: Lid pluck tool BOP77011: 27mm socket for meter plug and NRV BOP77008: Short T bar 400mm long BOP77009: T bar extension 500mm long



Box	A [min/max]	B	C	D	E	F
Matrix	310/545 mm	35 mm	208 mm	151mm	225 mm	173 mm