



orange range
FOUL & SURFACE WATER SYSTEMS

ACCESSO[®]

450 SERIES

MODEL: **AIC110450SP**

Inspection Chambers for use with 110mm EN 1401 uPVC pipe systems

DATA SHEET
inspection chambers



DESCRIPTION

450mm diameter - Factory built inspection chambers, delivered to site as single piece units, ready to install, no assembly required.

This model has an injection moulded chamber base, which has 110mm socket connections to main channel and four optional 110mm side connections - Two at 90° and two at 45°. All side inlets are supplied with socket plugs, which can be simply removed for use on site.

APPLICATION

- Above ground access for inspection and maintenance of foul & surface water pipework systems
- Suitable for Adoptable and Non-Adoptable applications
- Maximum installation depth - Adoptable 2000mm to soffit of pipe and Non-Adoptable 3000mm

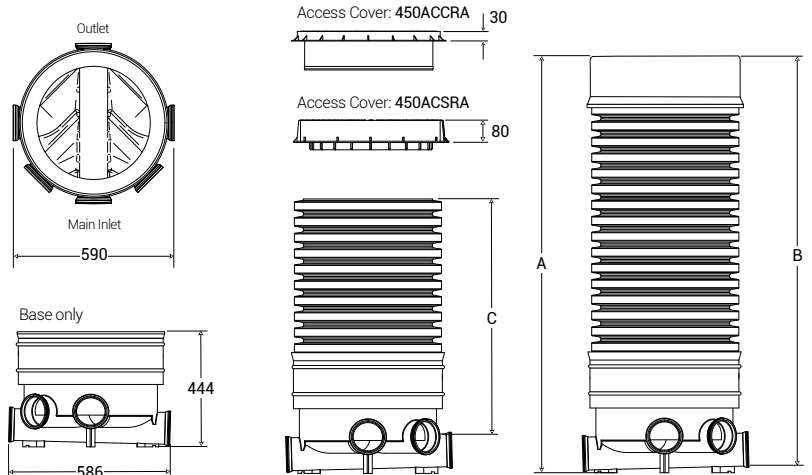
COMPLIANCE

- EN 13598 Part - 2 (2009)
- New Design & Construction Guidance (DCG) - Type D & E Chambers
- Sewers for Adoption (SfA7) 7th edition - superseded by above
- Building Regulations - Part H1
- DCG stipulates, where depths from cover to soffit of main pipework are over 1 metre, a restricted access to maximum 350mm diameter is required

Main image above is our AIC11045020SP with 450RCC Restriction Cap fitted

FEATURES & BENEFITS

- Single piece - Factory built units
- Quick and simple to install
- Base and four standard depths available
- Deeper chambers available on request up to 3000mm
- Lightweight - No machinery or lifting equipment required
- Stepped base - 65mm step from side to main channel. Meets DCG requirement for Adoptable Sewers
- Restriction Caps are available for chambers deeper than 1 metre to soffit of inlet pipe to meet DCG
- Access Covers with restricted access available as option to Restriction Cap
- Range of adaptors available to suit other pipework
- Access shafts can be easily cut onsite to required depth
- Granular backfill
- 60 year Design Life
- Manufactured in the UK



Product Code	Main channel pipework ø (mm)	Optional Side Inlets (mm)	Overall Depth A (mm)	Dimension B (mm)	Dimension C (mm)	Approx. Weight (kg)
AIC110450B (Base Only)	110	2 x 110 at 90° & 2 x 110 at 45°	444	414	304	6.5
AIC1104501SP	110	2 x 110 at 90° & 2 x 110 at 45°	960	930	820	13.5
AIC11045015SP	110	2 x 110 at 90° & 2 x 110 at 45°	1480	1450	1340	18.5
AIC11045020SP	110	2 x 110 at 90° & 2 x 110 at 45°	1940	1910	1800	24
AIC11045024SP	110	2 x 110 at 90° & 2 x 110 at 45°	2300	2270	2160	29

Chambers above AIC1104501SP require a Restriction Cap 450RCC to comply with DCG. Optionally, chambers can be supplied with either of two access covers - Circular or Square, both have the required 350mm diameter restricted access.

ADAPTORS

TW150110SPSP	Adaptor from 110mm EN1401 to 150mm twinwall (for outlet only on this model)	0.5
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REDUCTION CAPS & ACCESS COVERS

450RCC	Restriction Cap to ø350mm access	3
450SR	Sealing Ring for Restriction Cap to access shaft	2
450ACCRA	Circular access cover with integral ø350mm restricted access - A15 Loading	6.5
450ACSRA	Square section access cover with integral ø350mm restricted access - A15 Loading	14