

Surface Water Systems Inspection Chambers

Main channel pipework:
150mm twinwall

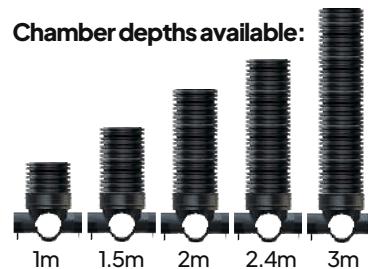
Chamber diameters available:



Product Code:

- ▶ **AIC450150B**
- ▶ **AIC600150150B**

Chamber depths available:



Application

- Above ground access for inspection and maintenance of surface water pipe systems.
- Suitable for Adoptable and Non-Adoptable applications.
- Maximum installation depth of 3 metres to soffit of pipe.

Features

- Single-piece, pre-assembled chambers.
- Durable rotationally moulded polyethylene base that is resistant to chemicals and impacts.
- Stepped base with a minimum 50mm drop from the side to the main channel.
- Chambers are designed with a slope from the main inlet to the outlet to facilitate low flows.
- Available in five standard depths, with customisable access shafts that can be easily cut onsite to the required depth.
- Chambers can be installed in granular backfill.

Built to the following criteria:

- Design & Construction Guidance (DCG) - **Type D chambers**
- Buildings Regulations part H
- BS EN 13598-1 & 2
- BS EN 681-1 Sealing Systems

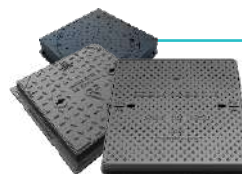
Compatibility

All chamber connections are compatible with the following Ø150mm twinwall systems: Brett Martin, Cherry, Condron, JFC Corripipe, Polypipe Rigidrain & Wavin.

For compatibility with Ø150mm Naylor Metro Drain and Naylor N Drain please see our MetroDrain Base (MDB) range



Model shown: AIC600150150B/2
with 600RCC Restriction Cap fitted



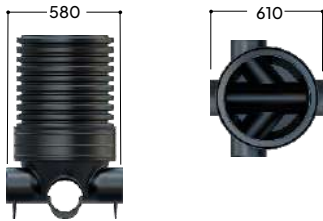
All chambers can be supplied with access covers to suit loadings up to B125.

Please ask our sales team for more details.



Product Code	Main channel pipework Ø (mm)	Optional side inlets Ø (mm)	Overall Depth (mm)	Inlet Invert (mm)	Approx. Weight (kg)
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Chamber Ø450mm



AIC450150B - Base only	150	2x150	500	455	5
AIC450150B/1	150	2x150	1040	995	15.5
AIC450150B/1.5	150	2x150	1530	1515	21
AIC450150B/2	150	2x150	2020	1980	26.5
AIC450150B/2.4	150	2x150	2385	2340	32
AIC450150B/3	150	2x150	3000	2995	38

Please Note: To comply with Design and Construction Guidelines, chambers deeper than 1m to pipe soffit must have a restriction cap fitted (see below).

Chamber Ø600mm



AIC600150150B - Base only	150	2x150	562	498	9
AIC600150150B/1	150	2x150	1000	936	20
AIC600150150B/1.5	150	2x150	1515	1451	29
AIC600150150B/2	150	2x150	2035	1971	38
AIC600150150B/2.4	150	2x150	2425	2361	46.5
AIC600150150B/3	150	2x150	2945	2881	54.5

Please Note: To comply with Design and Construction Guidelines, chambers deeper than 1m to pipe soffit must have a restriction cap fitted (see below).

Adaptors & Rocker pipes



Product Code

WSA138110	Wall seal connection for 110mm EN1401 pipe to side inlets only.
WSA178160	Wall seal connection for 160mm EN1401 pipe to side inlets only.
150TWRP	150mm twinwall rocker pipe and seal. Fits all UK Ø150mm twinwall systems except Naylor.

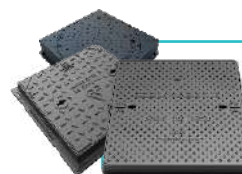
Ancillaries



Restriction Caps: 450RCC & 600RCC - Restriction caps are required on all chambers over 1000mm to soffit of inlet pipe. They fit directly over the chamber shaft, reducing and restricting the access to maximum Ø350mm, which is a requirement of DCG.

Reduction Caps: 450300RC & 600450RC - Reduction Caps reduce the main access diameter of the chamber to allow for a smaller access cover to be installed. As the 450300RC reduces the access diameter to Ø300mm, this product meets the requirements of DCG on restricted access without the need of an additional restriction cap.

Sealing Rings: 450SREF & 600SREF - EasyFit sealing rings for use with both Ø450mm and Ø600mm chambers for both base to access shaft connections and sealed connections to restriction or reduction caps.



All chambers can be supplied with access covers to suit loadings up to B125.
Please ask our sales team for more details.