

Surface Water Systems Inspection Chambers

Main channel pipework:
225mm twinwall

Chamber diameters available:



Product Code:

- ▶ **AIC450225B**
- ▶ **AIC450225225B**
- ▶ **AIC600225150B**
- ▶ **AIC600225225B**

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

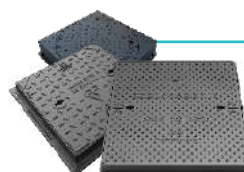
Compatibility

All chamber connections are compatible with the following Ø225mm and Ø150mm twinwall systems: Brett Martin, Cherry, Condron, JFC Corripipe, Naylor MetroDrain, Naylor N Drain*, Polypipe Rigidrain & Wavin.

*Only Compatible with Ø 225mm Naylor Metro Drain & Naylor N Drain.



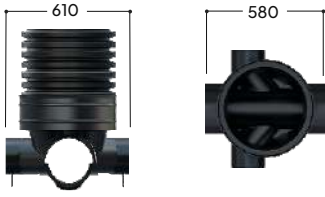
Model shown: AIC450225225B/2.4 with 450RCC Restriction Cap fitted



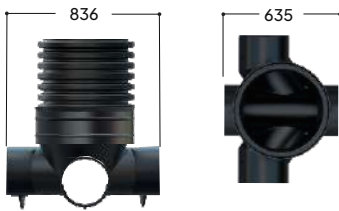
All chambers can be supplied with access covers to suit loadings up to B125.
Please ask our sales team for more details.



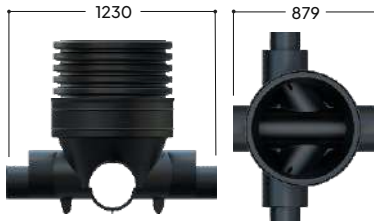
Chamber Ø450mm



Chamber Ø450mm



Chamber Ø600mm



Chamber Ø600mm



Adaptors & Rocker pipes



Ancillaries



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

AIC450225B – Base only	225	150	560	495	6
AIC450225B/1	225	150	990	925	18
AIC450225B/1.5	225	150	1500	1435	24
AIC450225B/2	225	150	2015	1950	31
AIC450225B/2.4	225	150	2400	2335	35
AIC450225B/3	225	150	3000	2935	41

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

AIC450225225B – Base only	225	225	590	530	8
AIC450225225B/1	225	225	1020	960	20
AIC450225225B/1.5	225	225	1535	1475	26
AIC450225225B/2	225	225	1950	1890	33
AIC450225225B/2.4	225	225	2410	2350	37
AIC450225225B/3	225	225	2975	2915	43

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

AIC600225150B – Base only	225	150–225	660	598	11
AIC600225150B/1	225	150–225	1025	963	25
AIC600225150B/1.5	225	150–225	1545	1483	35
AIC600225150B/2	225	150–225	2000	1938	43
AIC600225150B/2.4	225	150–225	2390	2328	51
AIC600225150B/3	225	150–225	2975	2913	61

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

AIC600225225B – Base only	225	225	650	590	10
AIC600225225B/1	225	225	1090	1030	24
AIC600225225B/1.5	225	225	1570	1510	34
AIC600225225B/2	225	225	1960	1900	42
AIC600225225B/2.4	225	225	2350	2290	50
AIC600225225B/3	225	225	3010	2950	60

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

Product Code

WSA178160	Wall seal connection for 160mm EN1401 pipe to side inlets only.
TWR225150	Reducer from 225mm twinwall to 150mm twinwall.
150TWRP	150mm twinwall rocker pipe and seal. Fits all UK Ø150mm twinwall systems.
225TWRP	225mm twinwall rocker pipe and seal. Fits all UK Ø225mm twinwall systems.

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.