

Surface Water Systems Inspection Chambers

Main channel pipework:
300mm twinwall

Chamber diameters available :



Product Code:

- ▶ **AIC450300B**
- ▶ **AIC600300B**
- ▶ **AIC600300300B** **NEW**

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.
- Main channel comes with Ø300mm twinwall rocker pipes pre fitted to inlet and outlet.
- 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
- BSEN 13598-1 & 2
- BSEN 681-1 Sealing Systems

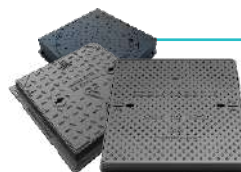
Compatibility

Chamber main channel connections are compatible with the following Ø300mm twinwall systems: Brett Martin, Cherry, Condron, JFC Corripipe, Naylor MetroDrain, Naylor N Drain, Polypipe Rigidrain & Wavin.

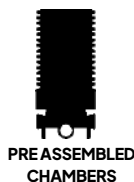
- Side inlets are also compatible with all of the above in Ø225mm twinwall, and for the AIC600300300B Ø300mm twinwall is compatible.



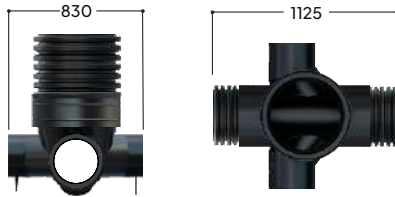
Model shown: AIC450300B/2 with 450ASCRA restricted access cover



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



Chamber Ø450mm



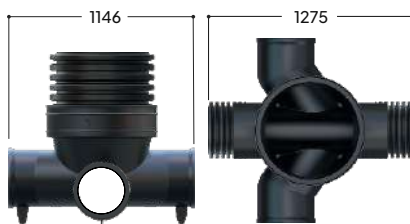
Main channel comes with Ø300mm twinwall rocker pipes pre fitted to inlet and outlet

Chamber Ø600mm



Main channel comes with Ø300mm twinwall rocker pipes pre fitted to inlet and outlet

Chamber Ø600mm



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Adaptors & Rocker pipes



Ancillaries



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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AIC450300B – Base only	300	225	665	600	13
AIC450300B/1	300	225	995	930	23.5
AIC450300B/1.5	300	225	1505	1440	28.5
AIC450300B/2	300	225	2020	1955	35
AIC450300B/2.4	300	225	2355	2290	40
AIC450300B/3	300	225	2995	2930	46

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

AIC600300B – Base only	300	225	670	595	16
AIC600300B/1	300	225	1115	1025	24
AIC600300B/1.5	300	225	1595	1505	32
AIC600300B/2	300	225	1985	1895	41
AIC600300B/2.4	300	225	2375	2285	48
AIC600300B/3	300	225	3000	2910	58.5

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

NEW

AIC600300300B – Base only	300	300	766	701	16.5
AIC600300300B/1	300	300	1020	955	24.5
AIC600300300B/1.5	300	300	1475	1410	32.5
AIC600300300B/2	300	300	1995	1930	41.5
AIC600300300B/2.4	300	300	2385	2320	48.5
AIC600300300B/3	300	300	2970	2905	59

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

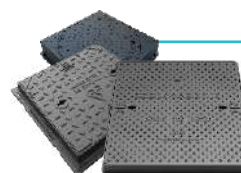
Product Code

WSA178160	Wall seal connection for 160mm EN1401 pipe to side inlets only.
TWR225150	Reducer from 225mm twinwall to 150mm twinwall.
TWR300225	Reducer from 300mm twinwall to 225mm twinwall.
225TWRP	225mm twinwall rocker pipe and seal. Fits all UK Ø225mm twinwall systems.
300TWRP	300mm twinwall rocker pipe and seal. Fits all UK Ø300mm 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.



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