

Surface Water Systems

Catchpit Chambers

Main pipework options:

110mm & 160mm EN 1401 single wall

Chamber diameters available:



Product Code:

- ▶ **AICCP300160B**
- ▶ **AICCP450B**
- ▶ **AICCP600B**

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 of 2m to soffit of pipe - Ø300mm.
- Maximum installation of 3m to soffit of pipe - Ø450mm & Ø600mm.

Features

- Single-piece, pre-assembled catchpit chambers.
- Durable rotationally moulded polyethylene base that is resistant to chemicals and impact.
- Minimum sump depth of 300mm.
- Bases are designed with the required minimum 20mm fall from inlets to outlet.
- Available in a base and up to five standard depths.
- Access shafts can be easily cut on-site to the required depth.
- Chambers can be installed using granular backfill.
- Silt baskets are available for the Ø300mm and Ø450mm models only.

Built to the following criteria:

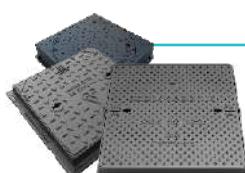
- Design & Construction Guidance (DCG) - **Type D & E chambers**
- Buildings Regulations part H
- BS EN 681-1 Sealing Systems

Compatibility

All connections are compatible with all Ø110mm & Ø160mm EN 1401 pipe fittings.

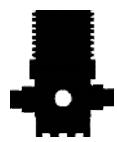


Model shown: AICCP300160/1.5 with 300ACST square cover and 300CPB silt/debris basket shown outside of unit.



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

Please ask our sales team for more details.



PREASSEMBLED
CHAMBERS

DCG

DESIGNED TO
ADOPTABLE STANDARD



QUICK & EASY
TO INSTALL

60 YEAR

DESIGN LIFE

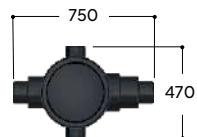


MANUFACTURED
IN THE UK

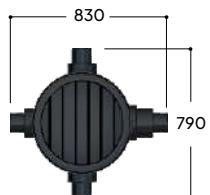
ACCESSO
CHAMBER MADE



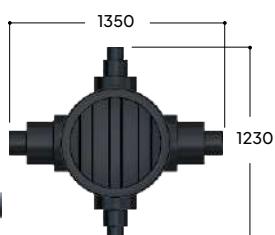
Chamber Ø300mm



Chamber Ø450mm



Chamber Ø600mm



Adaptors



Ancillaries



Product Code	Main pipework Ø (mm)	Optional side inlets Ø (mm)	Overall Depth (mm)	Inlet Invert (mm)	Approx. Weight (kg)
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AICCP300160B - Base only	110-160	110	690	350	4
AICCP300160B/1	110-160	110	1025	695	6.5
AICCP300160B/1.5	110-160	110	1475	1145	11.5
AICCP300160B/2	110-160	110	1995	1665	17

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

AICCP450B - Base only	110-160	110-160	750	430	7.5
AICCP450B/1	110-160	110-160	1015	695	13.5
AICCP450B/1.5	110-160	110-160	1495	1175	21
AICCP450B/2	110-160	110-160	1950	1630	25.5
AICCP450B/2.4	110-160	110-160	2410	2090	30
AICCP450B/3	110-160	110-160	3025	2705	35.5

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

AICCP600B - Base only	160-225	110,160 & 225	1010	660	17.5
AICCP600B/1	160-225	110,160 & 225	1075	730	25
AICCP600B/1.5	160-225	110,160 & 225	1555	1210	33
AICCP600B/2	160-225	110,160 & 225	1945	1600	39.5
AICCP600B/2.4	160-225	110,160 & 225	2335	1990	46
AICCP600B/3	160-225	110,160 & 225	3005	2660	57.5

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

Product Code

UR150160CPA Adaptor from 150mm Ultra Rib to 160mm EN1401.

PSMQ150160CPA Adaptor from 150mm Polysewer to 160mm EN1401.

Please Note: All of these adaptors will need be connected to a pipe coupler to make the connection to and from the catchpit (As shown)

Product Code

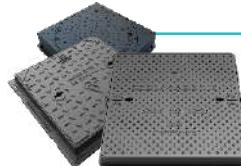
300CPB Removable silt/debris basket for AICCP300160B catchpit

450CPB Removable silt/debris basket for AICCP450B catchpit

Restriction Caps: 450RCC & 600RCMD - 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.