



### Product Type: Inspection Chambers

#### Model: AIC160450SP

450mm diameter, pre-assembled inspection chamber, delivered ready to install. This model has an injection moulded chamber base with 160mm main channel socket connections including four further side inlets; 2 x 160mm at 90°, 270° and 2 x 110mm at 135°, 225° from the outlet. Only the main channel will be open with side inlets supplied with blanking plugs that can be easily removed as required.

#### Application

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

#### Built to the following standards

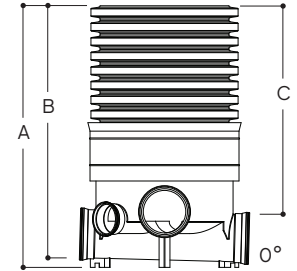
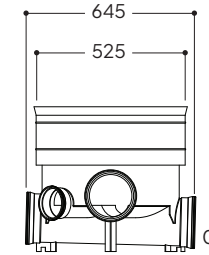
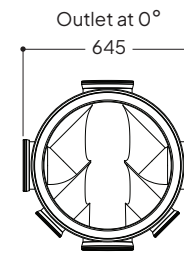
- Design & Construction Guidance (DCG) - Type D & E Chambers
- Buildings Regulations part H
- BS EN 13598-1 & 2
- BS EN 681-1

#### Features

- Single piece, pre-assembled chambers.
- Durable injection moulded base - chemical and impact resistant.
- Stepped base - 65mm step from side to main channel.
- Base and five standard depths available.
- Access shafts are easily cut onsite to the required depth.
- Chambers can be installed in granular backfill.

#### Quality Assurance

Before leaving our factory, chambers are tested in accordance to required standards.



Model ref.	Main Pipework Connections Ø (mm)	Optional Side Inlets Ø (mm)	Overall Depth A (mm)	Inlet Invert B (mm)	Depth to Soffit C (mm)	Approx. Weight (kg)
AIC160450B (Base)	160	110, 160	520	485	335	7
AIC1604501SP	160	110, 160	990	955	805	15.5
AIC16045015SP	160	110, 160	1500	1465	1315	21
AIC16045020SP	160	110, 160	2015	1980	1830	26.5
AIC16045024SP	160	110, 160	2430	2395	2245	31.5
AIC16045030SP	160	110, 160	3045	3010	2860	38

### Ancillaries



#### Restriction Cap: 450RCC

The 450RCC sits directly over the Ø450mm chamber shaft to reduce down to Ø300mm to meet with DCG specification on restricted access.



#### Reduction Cap: 450300RC

The 450300RC Reduction Cap reduces the Ø450mm access to Ø300mm which allows for our 300ACS access cover to be fitted which will meet DCG specification on restricted access.

(See separate data sheet for access covers)