RIDGISTORMSeparate Silt Traps

Data Sheet

PRODUCT INFORMATION **P1** **ISSUE 2 - JUN 2021**

Located upstream of retention, attenuation and infiltration drainage systems, RIDGISTORMSeparate Silt Traps capture, retain silt and separate out other particles by encouraging settlement in the sump, preventing ingress into sustainable drainage systems (SuDS). This range of small diameter silt traps are standard stock items and are readily available.



Mini silt trap
Product code: PSMST110



Basic silt trap
Product code: PSMST160



Advanced silt trap
Product code: PSMST160/15

Key Features and Benefits

- Improves water quality by removing silt, grit and litter, protecting downstream elements of the drainage systems
- Prevents the ingress of debris, silt and litter into a structure
- Multiple inlet and outlet options, supplied with integral sockets as standard allowing quick and seamless connection to pipeline
- Depths can be tailored to suit project requirements
- Plastic or lockable steel covers available from Polypipe Building Products

Applications

For use in stormwater drainage systems typically located upstream of retention, attenuation and infiltration drainage elements to protect the ingress of silt and other particles.

Other fabrications in our RIDGISTORMSeparate range:

- Catchpits
- Filter Chambers

RIDGISTORMSEPARATE SILT TRAPS

PHYSICAL PROPERTIES	MINI	BASIC	ADVANCE
Nominal diameter	320mm	460mm	460mm
Depth	600mm	1220mm	830mm
Inlet and Outlet	110mm (BS EN 1401-1)	160mm (BS EN 1401-1)	160mm (BS EN 1401-1)
Sump depth	250mm	420mm	280mm
Material	Polypropylene	Polypropylene	Polypropylene
Colour	Black chamber	Black chamber	Black chamber
Chemical resistance	Polypropylene is resistant to the most chemicals associated with stormwater drainage systems	Polypropylene is resistant to the most chemicals associated with stormwater drainage systems	Polypropylene is resistant to the most chemicals associated with stormwater drainage systems

RIDGISTORMSEPARATE SILT TRAPS ASSOCIATED PRODUCTS

PRODUCT	DESCRIPTION	CODE
PVC 320mm cover & frame (round)	320mm sealed screw down cover & frame, includes seals and fixing screws	UG501
PVC 320mm cover & frame (square)	320mm square plastic cover with PP frame, includes seals and fixing screws	UG502
460mm silt trap cover & frame (round)	Round cover complete with seals and fixing screws (35kN test load)	UG511
450mm silt trap cover & frame (square)	Square PP cover complete with seals and fixing screws (35kN test load)	UG512
Polypropylene cover & frame	Reduced access square PP cover and frame with seals and fixing screws (35kN test load)	ICDC1
Chamber riser section	Silt trap side riser (215mm effective height)	ICDR1
Silt trap sealing ring	EPDM 110mm seal	UG488

Note: Polypropylene (PP)

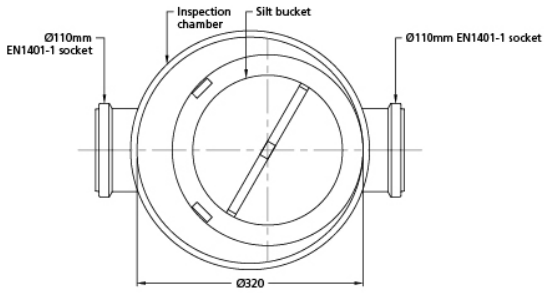
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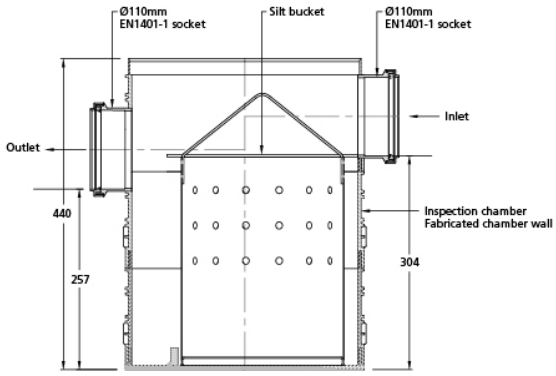
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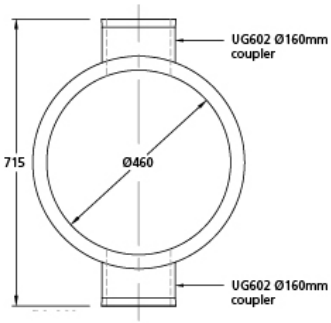
Data Sheet

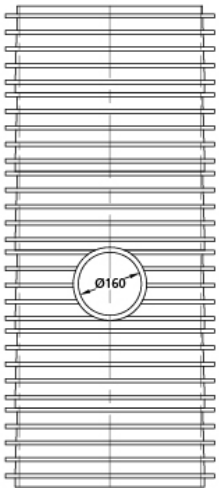
Mini Silt Trap

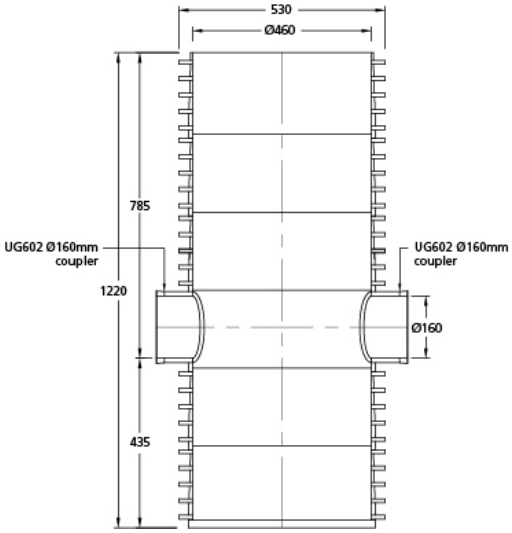




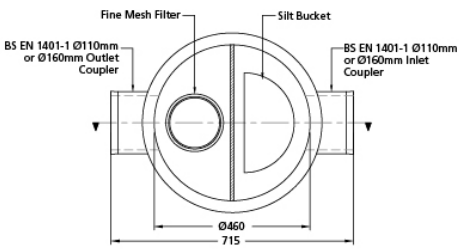
Basic Silt Trap

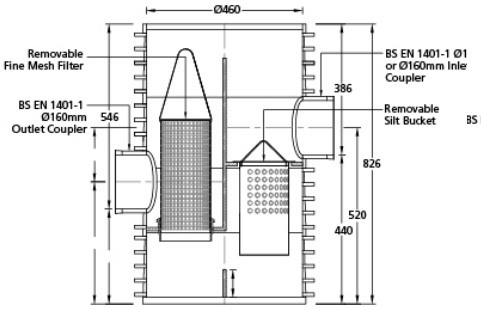


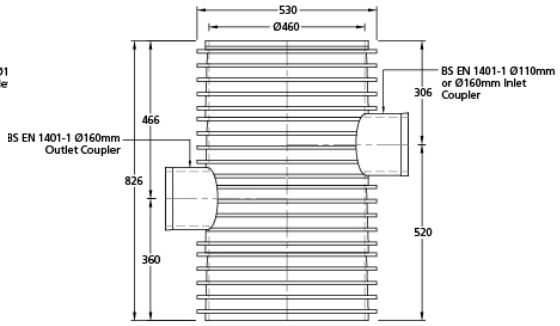




Advanced Silt Trap







For further information please contact our Technical Team on +44 (0) 1509 615100 or download our CAD Standard Details from our website www.polypipe.com/toolbox

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