

CRF DRAIN

BY S.K. EXPORT HOUSE

PRODUCT CATALOGUE

Floor Drains, Roof Drains & Cleanouts



Introduction

It gives me great pleasure to present you with the latest edition of our products catalogue.

Our focus has not changed since the early days. The aim back then, as it is today, was to provide our customers with quality products, at the right price. This simple formula has made us the market leaders in the drainage industry in our home market, and a serious contender in regional and international markets.

In this catalogue you will find our full range of drainage products. Within the "Drainage" section you will find floor, roof drains and cleanouts under our trademark "CRFDrain".

All of these elements guarantee a quality product and a superior level of customer service.

We thank you for your support , and we look forward to serving you



S.K. EXPORT HOUSE

SINCE 2002

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CRF DRAIN

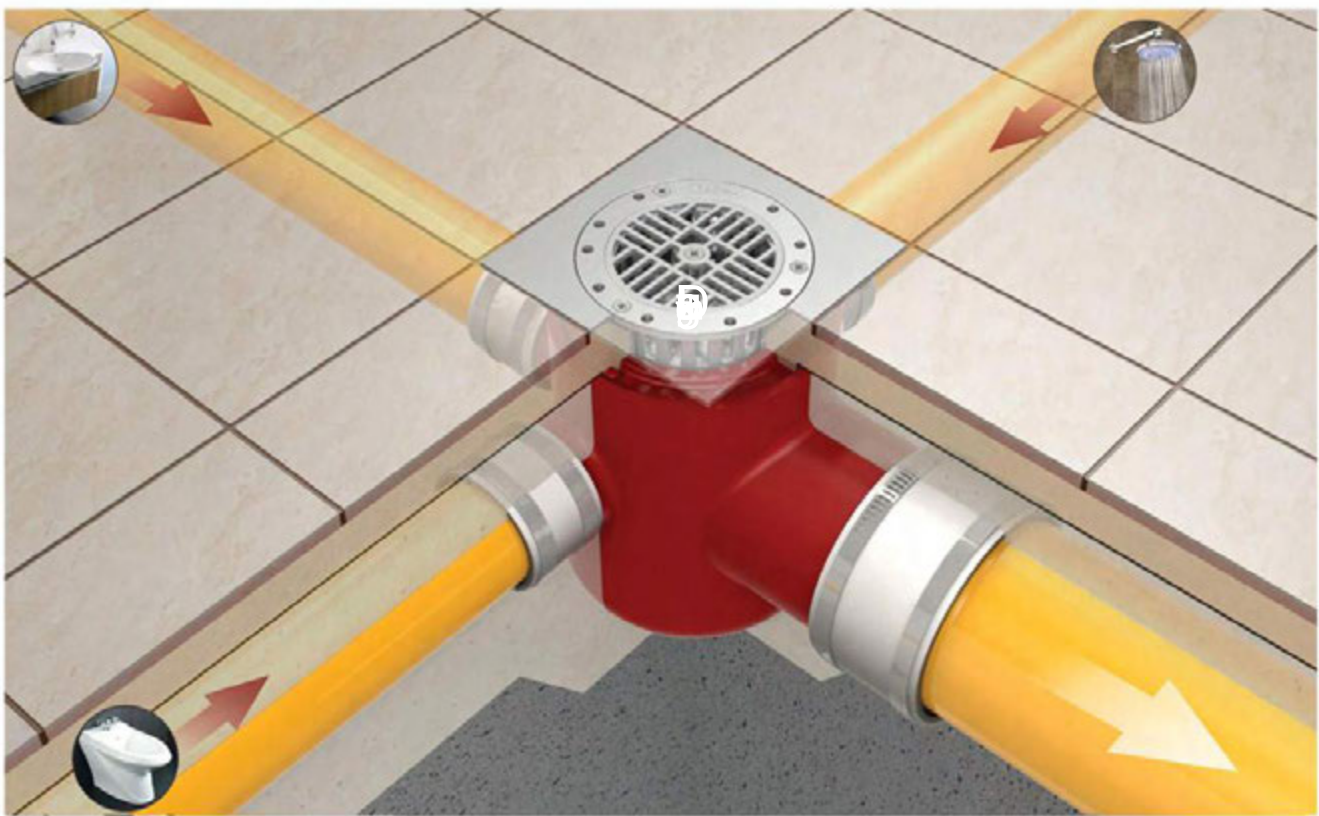
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ROOF DRAINS, FLOOR DRAINS & CLEANOUTS



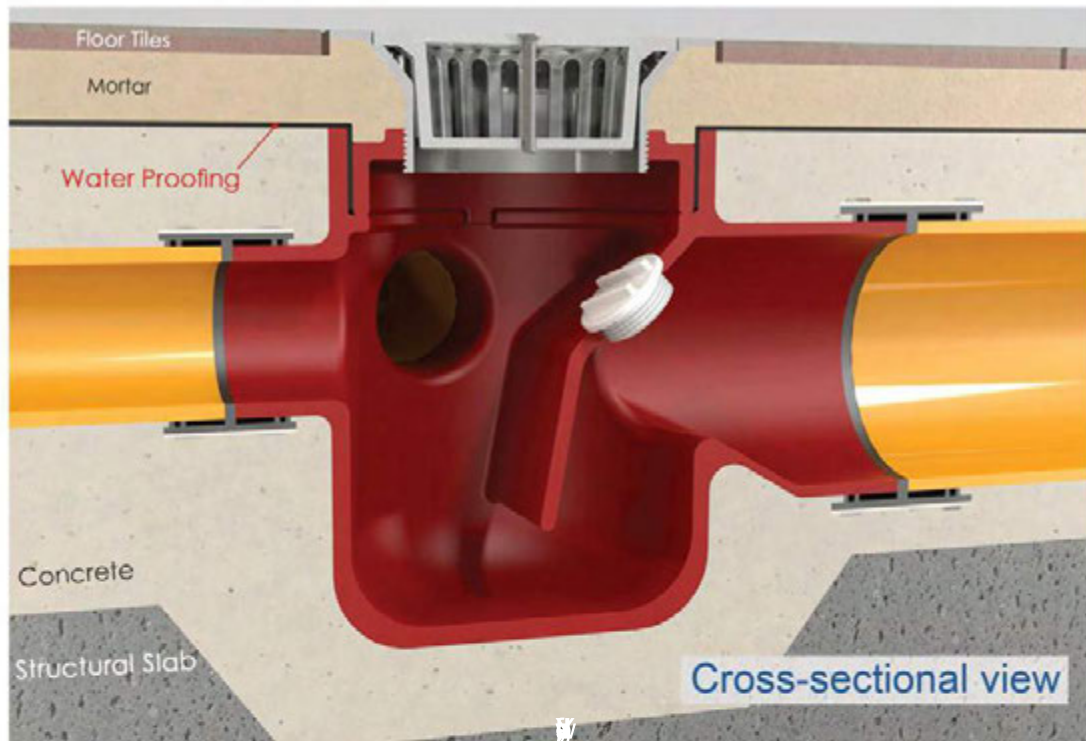
www.skexporthouse.com

Selected Cross-Sectional Installation Drawings

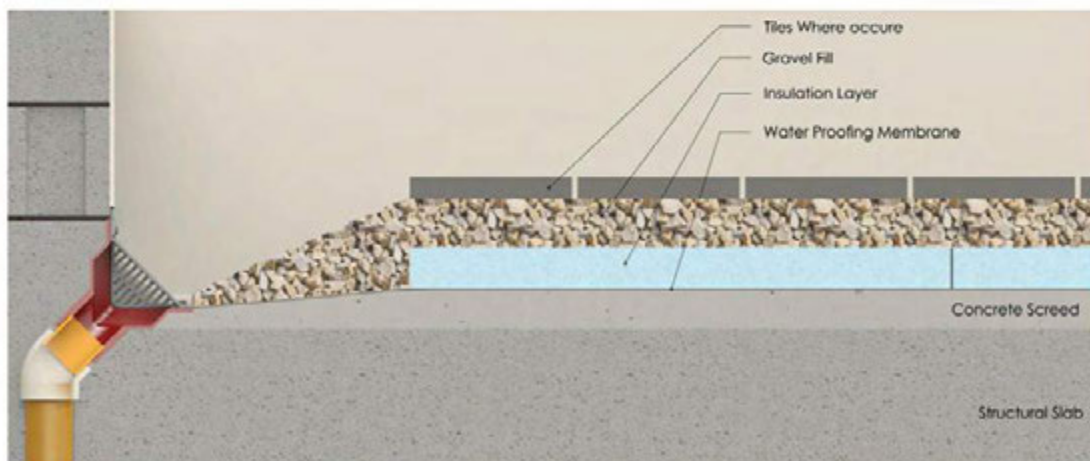


M

A



A



An Illustration and a cross-sectional view of a scupper roof drain showing tiling, insulation, gravel, and waterproofing. It also shows the connection to main drain line

ROOF DRAINS

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Scupper / Parapet Type

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Parapet Roof Drains

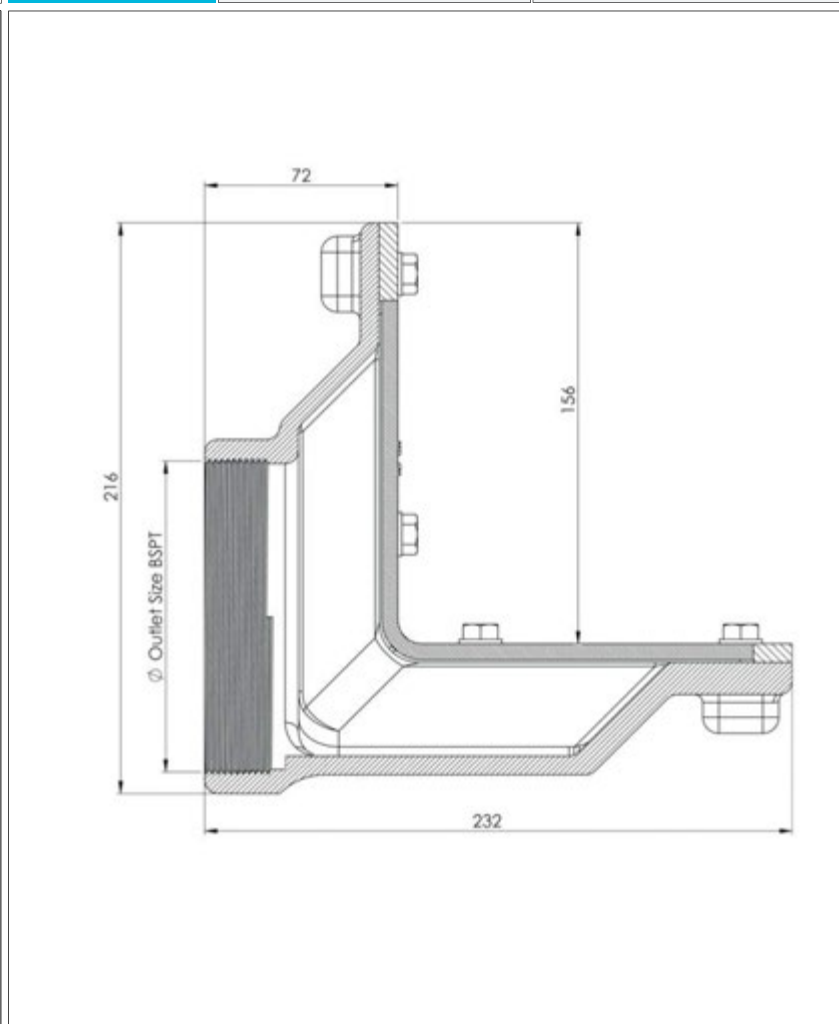
Specification: RD-3110 series of scupper drains consist of cast iron body with 'reversible' horizontal or vertical, outlet, a removable 90° aluminum angle grate and membrane flashing clamp.

RD-3110



Model Number	Outlet Type	Outlet size (Inch)	Water Way Area (mm ²)
RD-3112	Threaded	2"	21000
RD-3113	Threaded	3"	21000
RD-3114	Threaded	4"	21000

Item	Material	Option
Body	Cast Iron	
Clamp	Aluminum	Nickel - Bronze
Grate	Aluminum	Nickel -Bronze
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Parapet Roof Drains

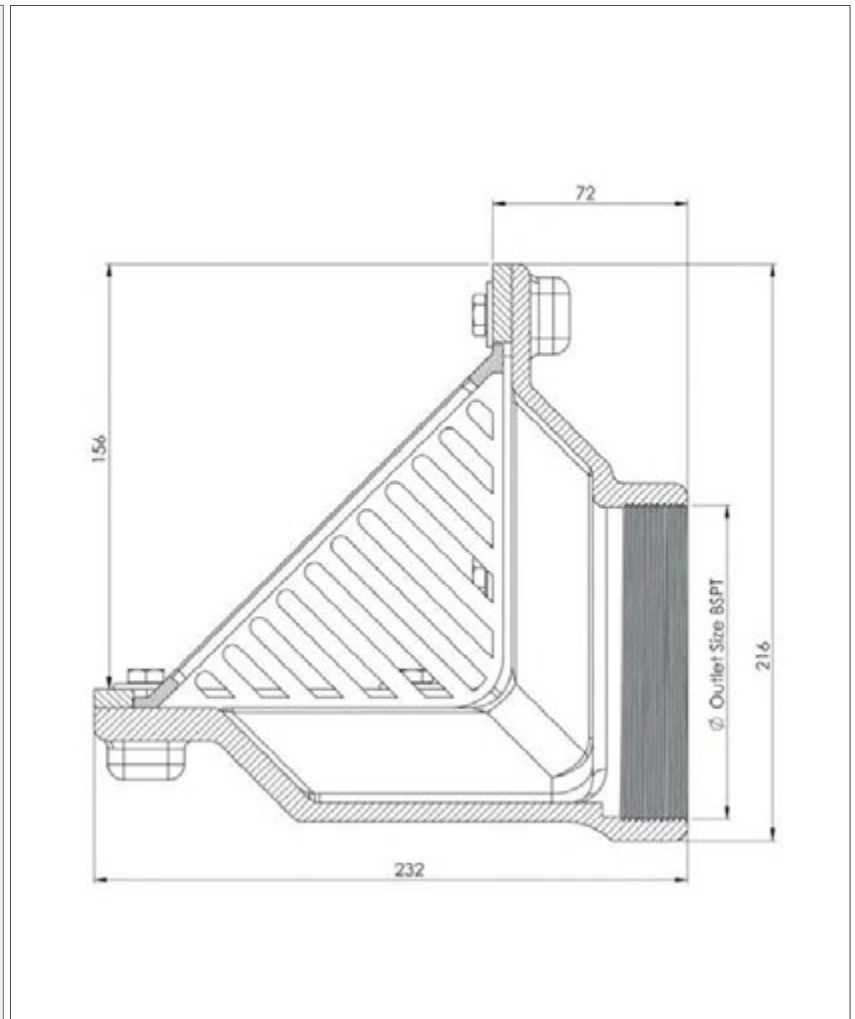
Specification: RD-3120 series of scupper drains consist of cast iron body with 'reversible' horizontal or vertical, outlet, a removable 45° aluminum angle grate and membrane flashing clamp.

RD-3120



Model Number	Outlet Type	Outlet size (Inch)	Water Way Area (mm ²)
RD-3122	Threaded	2"	21000
RD-3123	Threaded	3"	21000
RD-3124	Threaded	4"	21000

Item	Material	Option
Body	Cast Iron	
Clamp	Aluminum	Nickel - Bronze
Grate	Aluminum	Nickel - Bronze
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Parapet Roof Drains

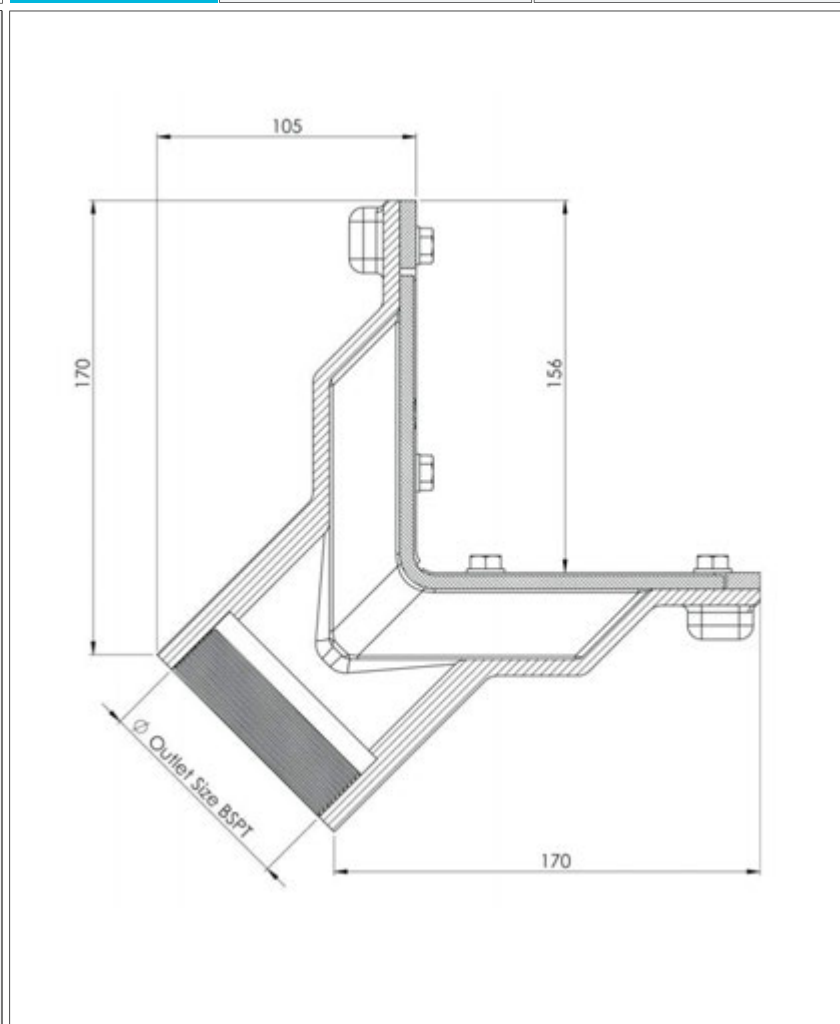
Specification: RD-3130 series of scupper drains consist of cast iron body with 45° outlet, a removable 90° aluminum angle grate and membrane flashing clamp.

RD-3130



Model Number	Outlet Type	Outlet size (Inch)	Water Way Area (mm ²)
RD-3132	Threaded	2"	21000
RD-3133	Threaded	3"	21000
RD-3134	Threaded	4"	21000

Item	Material	Option
Body	Cast Iron	
Clamp	Aluminum	Nickel - Bronze
Grate	Aluminum	Nickel - Bronze
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Parapet Roof Drains

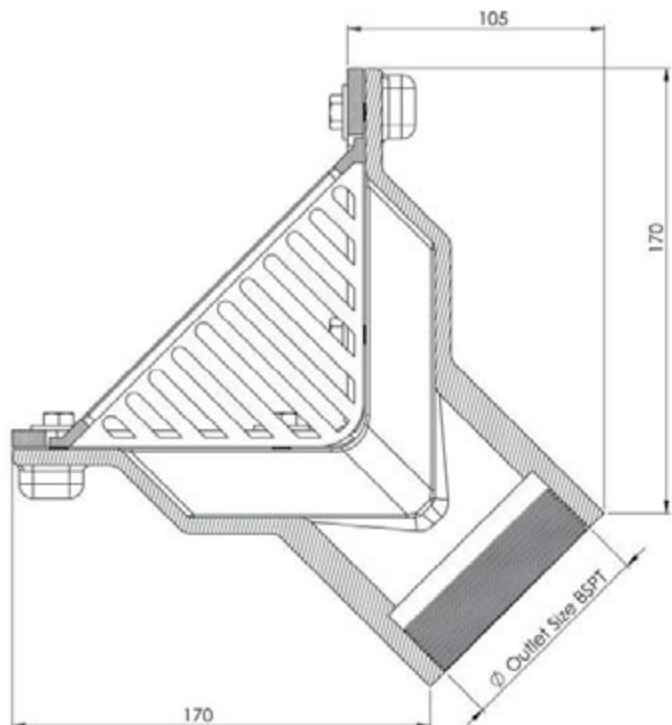
Specification: RD-3140 series of scupper drains consist of cast iron body with 45° outlet, a removable 45° aluminum angle grate and membrane flashing clamp.

RD-3140



Model Number	Outlet Type	Outlet size (Inch)	Water Way Area (mm ²)
RD-3142	Threaded	2"	21000
RD-3143	Threaded	3"	21000
RD-3144	Threaded	4"	21000

Item	Material	Option
Body	Cast Iron	
Clamp	Aluminum	Nickel - Bronze
Grate	Aluminum	Nickel - Bronze
Finish (C.I Parts)	Epoxy Coating	Powder Coating



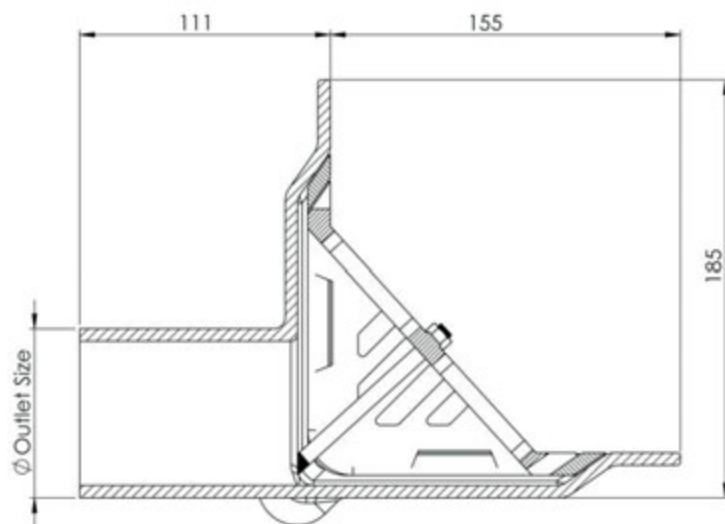
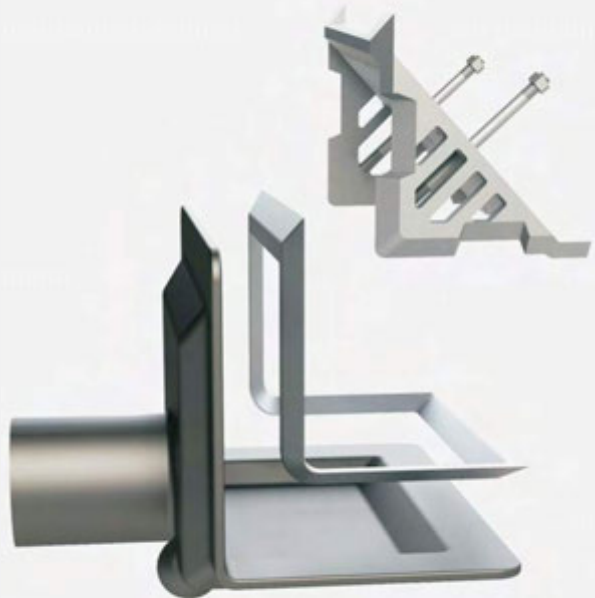
Parapet Roof Drains

Specification: RD-3200 series of scupper drains consist of cast iron body with 'reversible' horizontal or vertical, outlet, a removable 45° aluminum angle grate and membrane flashing clamp.

RD-3200 (Special Item)

Model Number	Outlet Type	Outlet size	Water Way Area (mm ²)
RD-3202	Spigot	2"	10000
RD-3203	Spigot	3"	10000
RD-3203S	Spigot	75 mm	10000
RD-3204	Spigot	4"	10000

Item	Material	Option
Body	Cast Iron	
Clamp	Aluminum	
Grate	Aluminum	
Finish (C.I Parts)	Bitumen Coating	Powder Coating Epoxy Coating



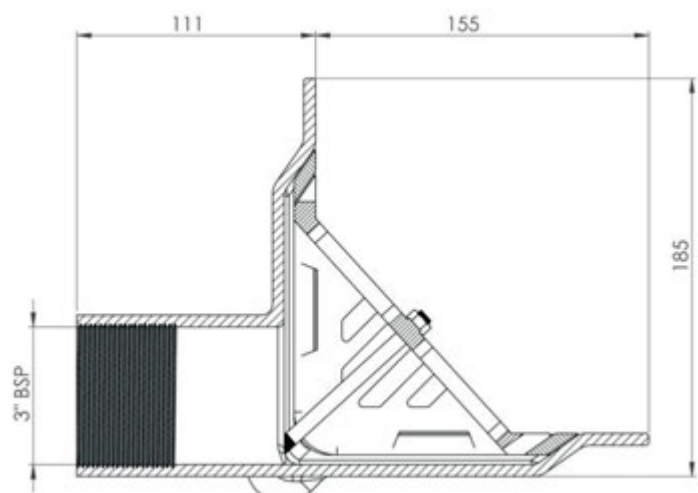
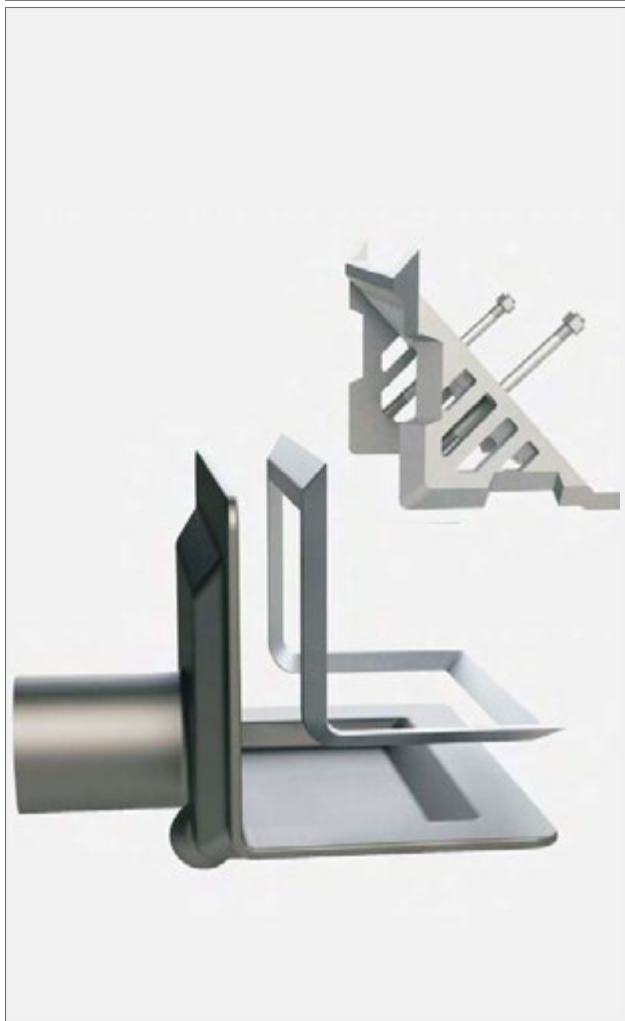
Parapet Roof Drains

Specification: RD-3203T series of scupper drains consist of cast iron body with 'reversible' horizontal or vertical, outlet, a removable 45° aluminum angle grate and membrane flashing clamp.

RD-3203T (Special Item)



Model Number	Outlet Type	Outlet size (Inch)	Water Way Area (mm ²)
RD-3203T	Internal Threaded	3"	10000
Item	Material	Option	
Body	Cast Iron		
Clamp	Aluminum		
Grate	Aluminum		
Finish (C.I Parts)	Bitumen Coating	Powder Coating Epoxy Coating	



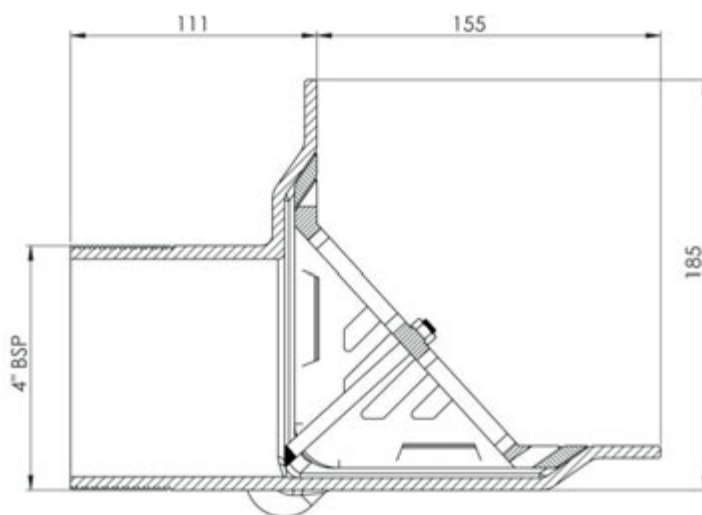
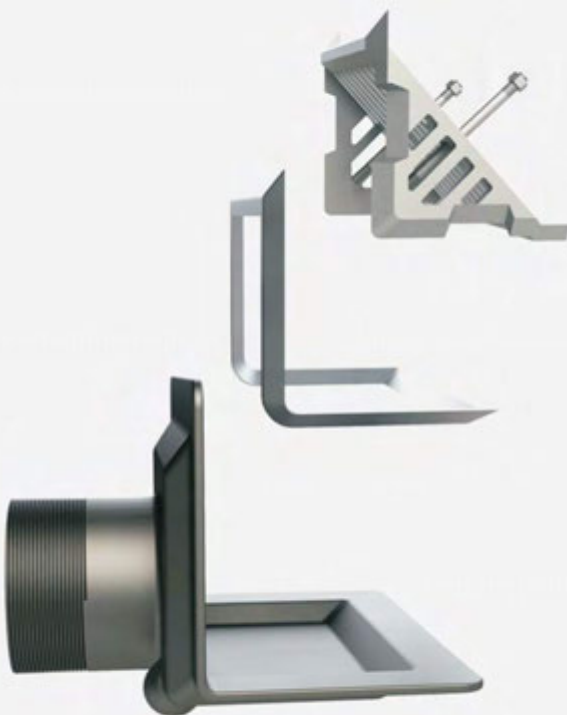
Parapet Roof Drains

Specification: RD-3204T series of scupper drains consist of cast iron body with 'reversible' horizontal or vertical, outlet, a removable 45° aluminum angle grate and membrane flashing clamp.

RD-3204T (Special Item)

Model Number	Outlet Type	Outlet size (Inch)	Water Way Area (mm ²)
RD-3204T	External Threaded	4"	10000

Item	Material	Option
Body	Cast Iron	
Clamp	Aluminum	
Grate	Aluminum	
Finish (C.I Parts)	Bitumen Coating	Powder Coating Epoxy Coating



Dome Type - Roof Drains

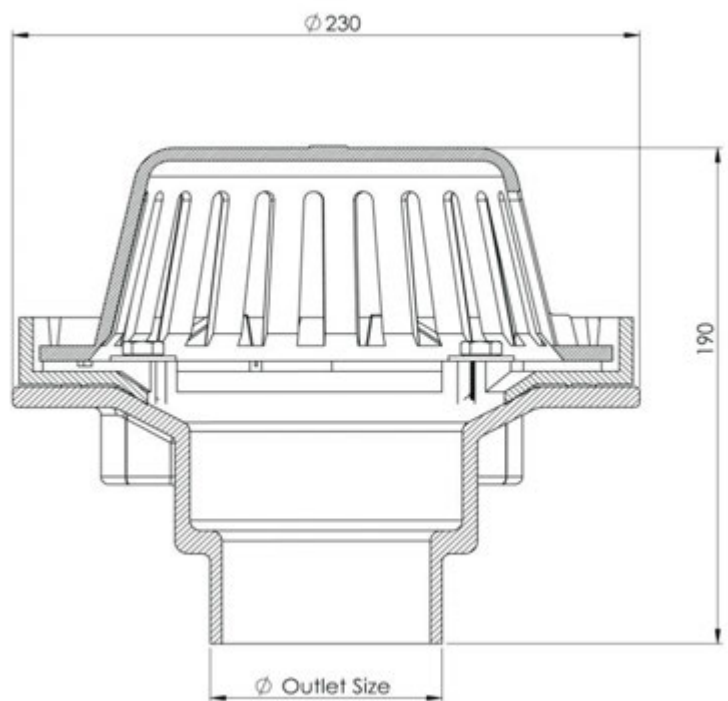
Specification: RD-3150 series of roof drains consist of cast iron body with vertical outlet, a removable aluminum dome and membrane flashing clamp.

RD-3150 (Special Item)



Model Number	Outlet Type	Outlet size	Water Way Area (mm ²)
RD-3152	No Hub	2"	19700
RD-3153	No Hub	3"	19700
RD-3153N	No Hub	75 mm	19700
RD-3154	No Hub	4"	19700
RD-3154N	No Hub	110 mm	19700

Item	Material	Option
Body	Cast Iron	
Clamp	Aluminum	
Dome	Aluminum	
Finish (C.I Parts)	Bitumen Coating	Powder Coating Epoxy Coating



Small Sump - Roof Drains

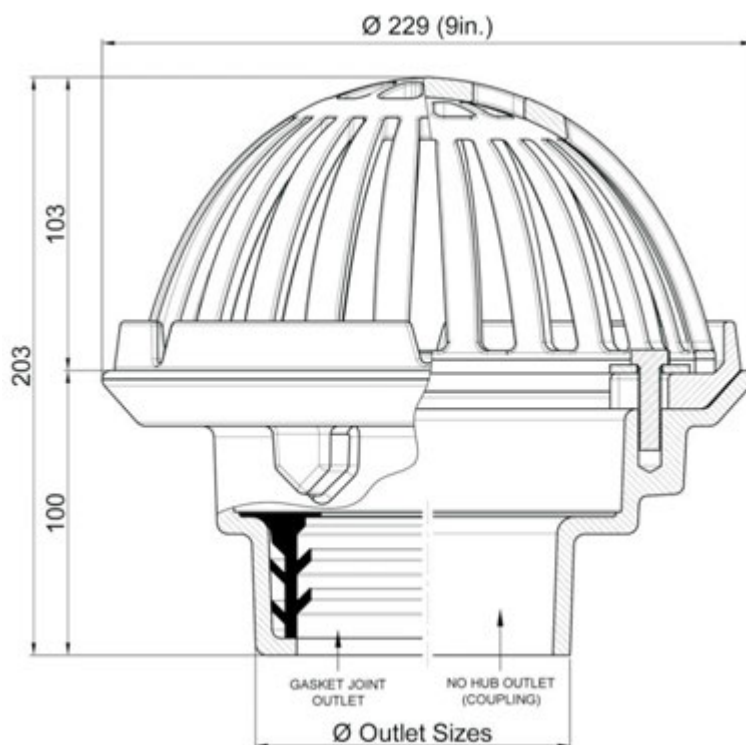
Specification: RD-3160 series of roof drains consist of a cast iron body with bottom outlet, a membrane clamp and a cast iron dome.

RD-3160



Model Number	Outlet Types				WaterWay Area (mm) ²
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3162	50	2"	2"	2"	30000
RD-3163	75	3"	3"	3"	30000
RD-3164	110	4"	4"	4"	30000

Item	Material	Option
Body	Cast Iron	
Clamp	Cast Iron	Nickel - Bronze
Dome	Cast Iron	Nickel - Bronze
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Small Sump- Roof Drains

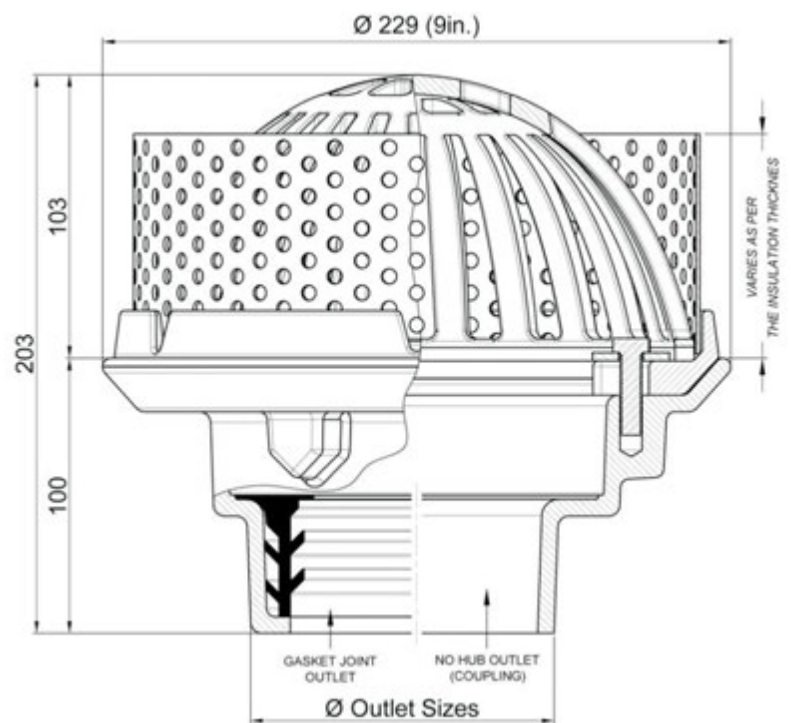
Specification: RD-3160G series of dome type roof drains consist of cast iron body with gasket type bottom outlet, membrane clamp with integral gravel stop, removable dome and stainless steel gravel guard.

RD-3160G



Model Number	Outlet Types				WaterWay Area (mm) ²
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3162G	50	2"	2"	2"	30000
RD-3163G	75	3"	3"	3"	30000
RD-3164G	110	4"	4"	4"	30000

Item	Material	Option
Body	Cast Iron	
Clamp	Cast Iron	Nickel - Bronze
Dome	Cast Iron	Nickel - Bronze
Gravel Guard	Stainless Steel	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Small Sump - Roof Drains

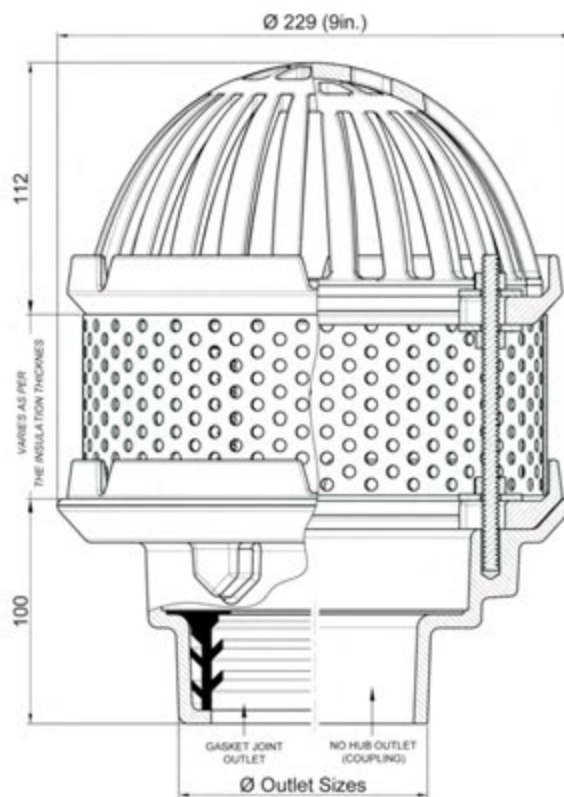
Specification: RD-3160GX series of roof drains consist of cast iron body with gasket type bottom outlet, membrane clamp with integral gravel stop, removable dome and stainless steel perforated extension.

RD-3160GX



Model Number	Outlet Types				WaterWay Area (mm ²)
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3162GX	50	2"	2"	2"	30000
RD-3163GX	75	3"	3"	3"	30000
RD-3164GX	110	4"	4"	4"	30000

Item	Material	Option
Body	Cast Iron	
Clamp	Cast Iron	Nicel - Bronze
Dome	Cast Iron	Nickel - Bronze
Gravel Guard	Stainless Steel	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Small Sump - Over Flow Roof Drains

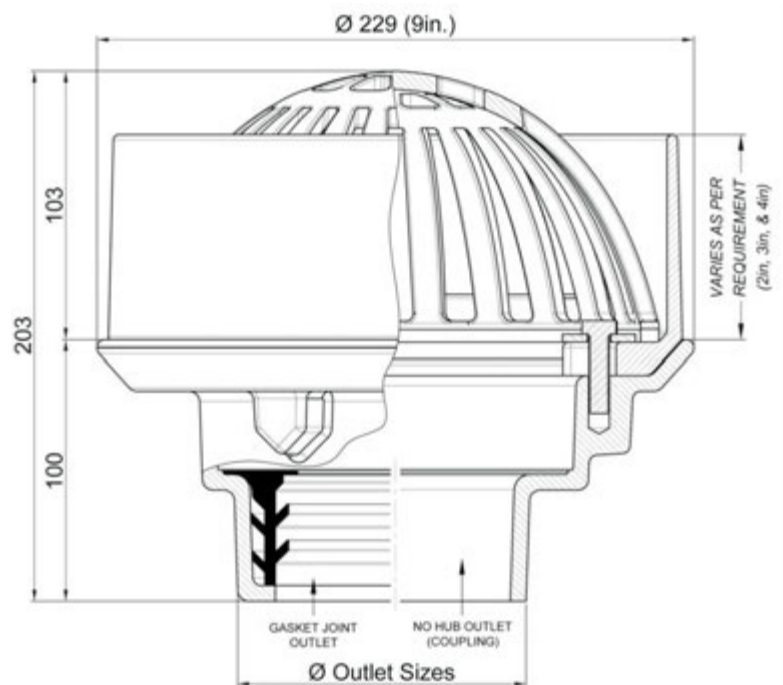
Specification: RD-3160OF series of dome type roof drains consist of cast iron body with gasket type bottom outlet, membrane high rise clamp and removable dome.

RD-3160 OF



Model Number	Outlet Types				WaterWay Area (mm) ²
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3162OF	50	2"	2"	2"	30000
RD-3163OF	75	3"	3"	3"	30000
RD-3164OF	110	4"	4"	4"	30000

Item	Material	Option
Body	Cast Iron	
Clamp	Cast Iron	Nickel - Bronze
Dome	Cast Iron	Nickel - Bronze
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Deep Sump Roof Drain

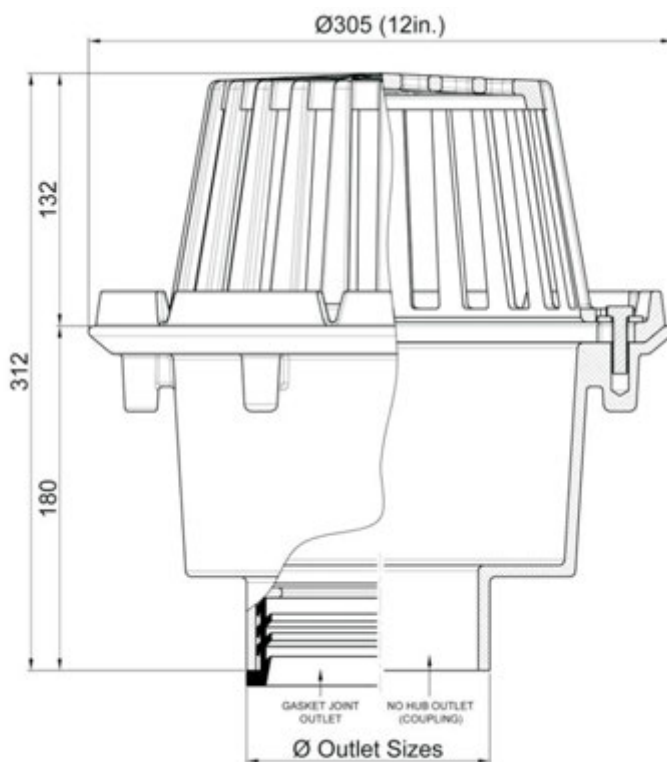
Specification: RD-3260 series of general purpose roof drain consist of a deep sump cast iron body with bottom outlet, a removable cast iron or nickel bronze dome strainer, and a membrane flashing clamp with integral gravel stop.

RD-3260



Model Number	Outlet Types				WaterWay Area (mm) ²
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3262	50	2"	2"	2"	46100
RD-3263	75	3"	3"	3"	46100
RD-3264	110	4"	4"	4"	46100
RD-3266	160	6"	6"	6"	46100

Item	Material	Option
Body	Cast Iron	
Clamp	Cast Iron	Nickel Bronze
Dome	Cast Iron	Nickel Bronze
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Deep Sump Roof Drain

Specification: RD-3260G series of general purpose roof drain consist of a deep sump cast iron body with bottom outlet, a removable cast iron or nickel bronze dome strainer, and a membrane flashing clamp with integral gravel stop and stainless steel perforated gravel guard.

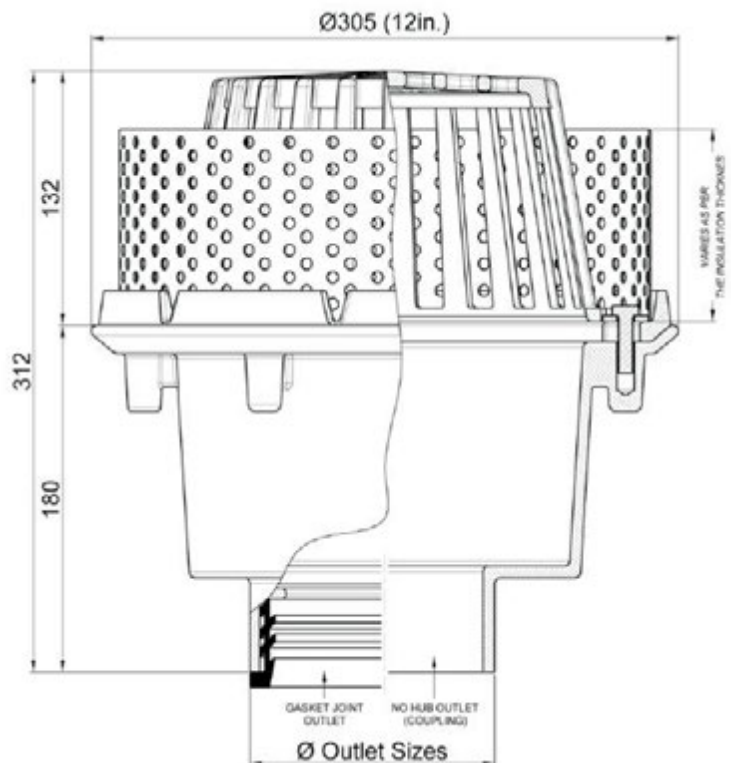
RD-3260G



Model Number	Outlet Types				WaterWay Area (mm ²)
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3262G	50	2"	2"	2"	46100
RD-3263G	75	3"	3"	3"	46100
RD-3264G	110	4"	4"	4"	46100
RD-3266G	160	6"	6"	6"	46100

Item	Material	Option
Body	Cast Iron	
Clamp & Dome	Cast Iron	Nickel Bronze
Gravel Guard	Stainless Steel	

Finish (C.I Parts)	Epoxy Coating	Powder Coating



Deep Sump Roof Drain

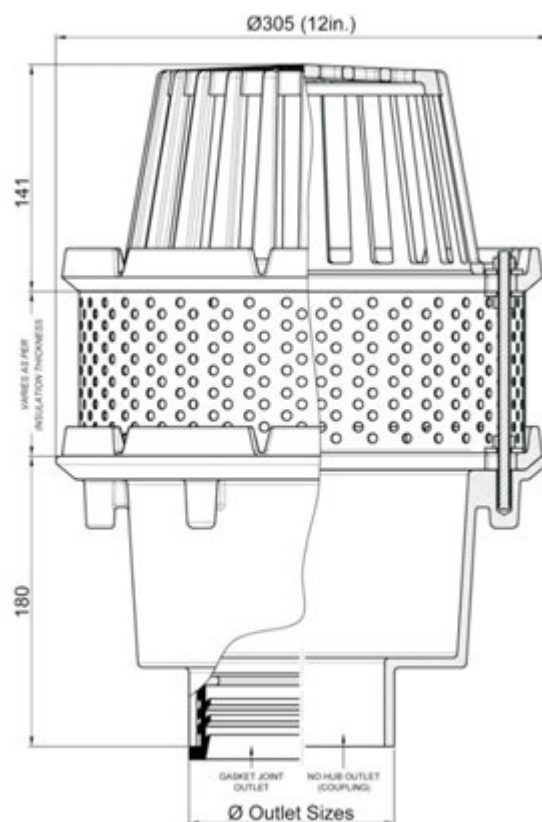
Specification: RD-3260GX series of general purpose roof drain consist of a deep sump cast iron body with bottom outlet, a removable cast iron or nickel bronze dome strainer, a membrane flashing 2x clamp with integral gravel stop and stainless steel perforated extension.

RD-3260GX



Model Number	Outlet Types				WaterWay Area (mm) ²
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3262GX	50	2"	2"	2"	46100
RD-3263GX	75	3"	3"	3"	46100
RD-3264GX	110	4"	4"	4"	46100
RD-3266GX	160	6"	6"	6"	46100

Item	Material	Option
Body	Cast Iron	
Clamp	Cast Iron	Nickel Bronze
Dome	Cast Iron	Nickel Bronze
Gravel Guard	Stainless Steel	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Deep Sump Roof Drain

Specification: RD-3260EX series of general purpose roof drain consist of a deep sump cast iron body with bottom outlet, a removable cast iron or nickel bronze dome strainer, and a membrane flashing clamp with integral gravel stop and adjustable extension sleeve.

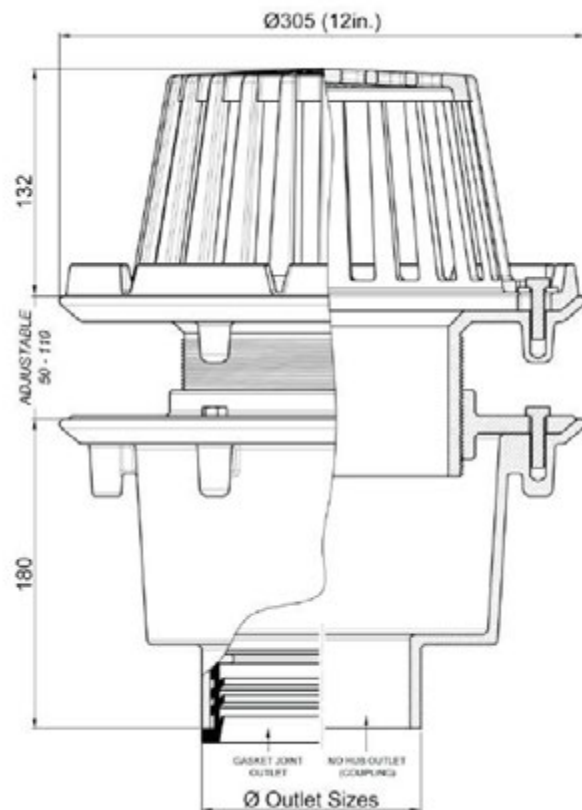
RD-3260EX



Model Number	Outlet Types				WaterWay Area (mm) ²
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3262EX	50	2"	2"	2"	46100
RD-3263EX	75	3"	3"	3"	46100
RD-3264EX	110	4"	4"	4"	46100
RD-3266EX	160	6"	6"	6"	46100

Item	Material	Option
Body	Cast Iron	
Clamp & Dome	Cast Iron	Nickel Bronze
Extension Sleeve	Cast Iron	

Finish (C.I Parts)	Epoxy Coating	Powder Coating



Deep Sump Roof Drain

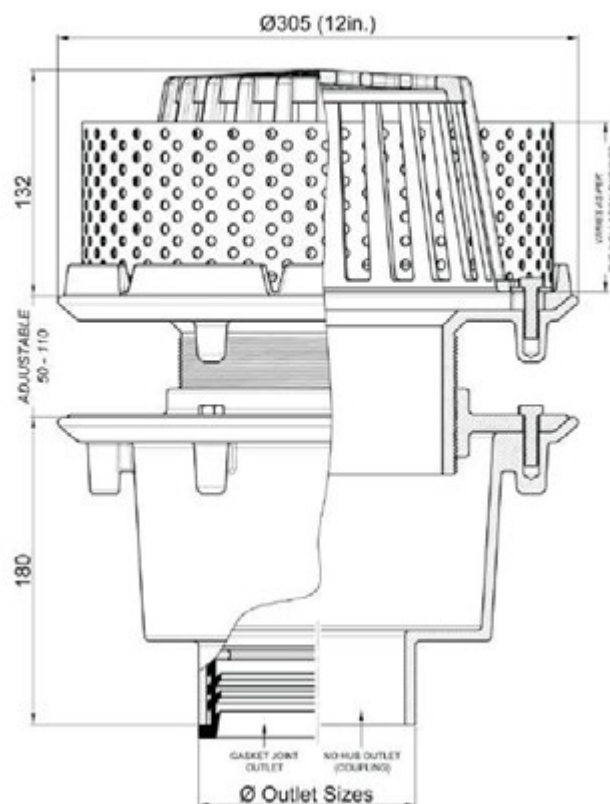
Specification: RD-3260GEX series of general purpose roof drain consist of a deep sump cast iron body with bottom outlet, a removable cast iron or nickel bronze dome strainer, a membrane flashing clamp with integral gravel stop, adjustable extension sleeve and stainless steel perforated gravel guard.

RD-3260GEX



Model Number	Outlet Types				WaterWay Area (mm) ²
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3262GEX	50	2"	2"	2"	46100
RD-3263GEX	75	3"	3"	3"	46100
RD-3264GEX	110	4"	4"	4"	46100
RD-3266GEX	160	6"	6"	6"	46100

Item	Material	Option
Body	Cast Iron	
Extension	Cast Iron	
Clamp & Dome	Cast Iron	Nickel Bronze
Gravel Guard	Stainless Steel	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Deep Sump Roof Drain

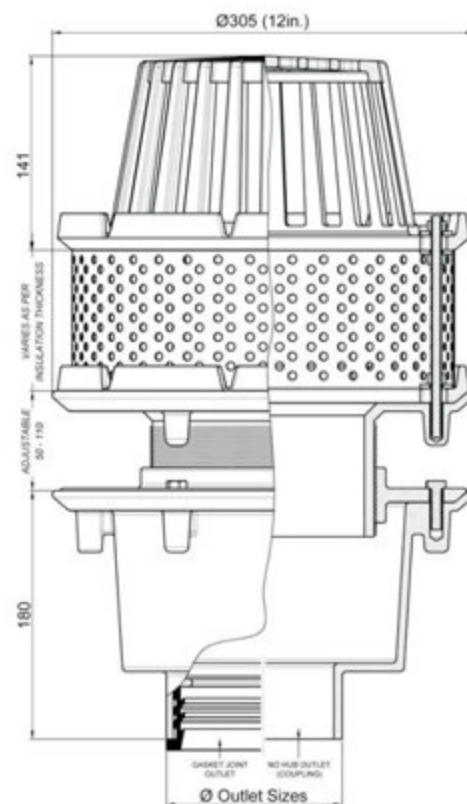
Specification: RD-3260EXGX series of general purpose roof drain consist of a deep sump cast iron body with bottom outlet, a removable cast iron or nickel bronze dome strainer, a membrane flashing 2x clamp with integral gravel stop, adjustable extension sleeve, and stainless steel perforated extension.

RD-3260EXGX



Model Number	Outlet Types				WaterWay Area (mm) ²
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3262EXGX	50	2"	2"	2"	46100
RD-3263EXGX	75	3"	3"	3"	46100
RD-3264EXGX	110	4"	4"	4"	46100
RD-3266EXGX	160	6"	6"	6"	46100

Item	Material	Option
Body	Cast Iron	
Clamp & Dome	Cast Iron	Nickel Bronze
Extension Sleeve	Cast Iron	
Gravel Guard	Stainless Steel	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Deep Sump - Over Flow Roof Drain

Specification: RD-3260OF series of roof drain with over flow consist of a deep sump cast iron body with bottom outlet, a removable cast iron or nickel bronze dome strainer, and integral combined standpipe type water dam and waterproofing membrane clamp.

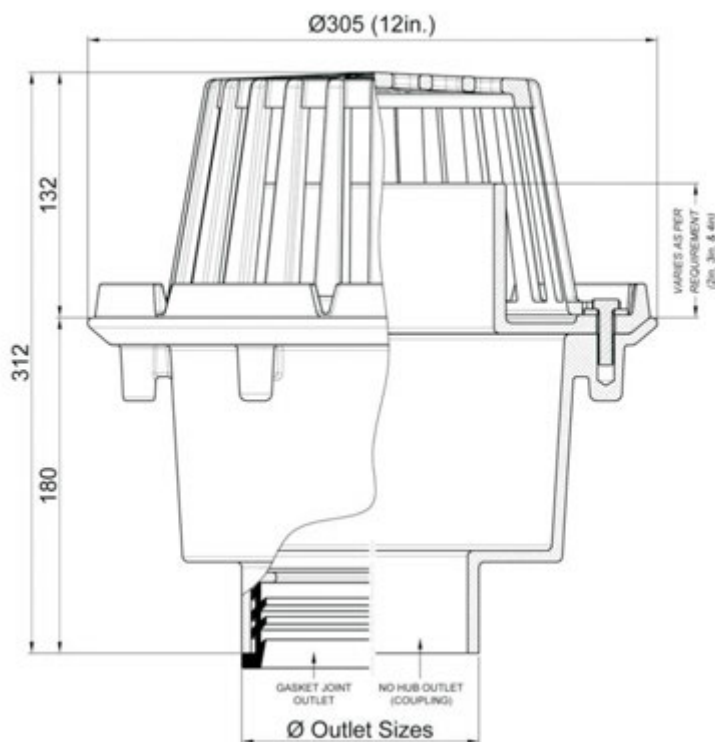
RD-3260OF



Model Number	Outlet Types				WaterWay Area (mm) ²
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3262OF	50	2"	2"	2"	46100
RD-3263OF	75	3"	3"	3"	46100
RD-3264OF	110	4"	4"	4"	46100
RD-3266OF	160	6"	6"	6"	46100

Item	Material	Option
Body	Cast Iron	
Overflow Clamp	Cast Iron	Nickel Bronze
Dome	Cast Iron	Nickel Bronze

Finish (C.I Parts)	Epoxy Coating	Powder Coating



Deep Sump - Over Flow Roof Drain

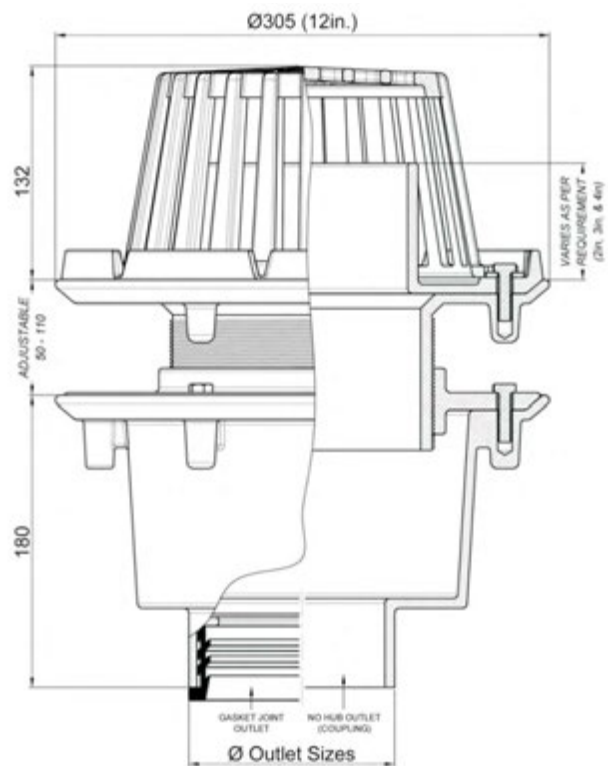
Specification: RD-3260EXOF series of roof drain with over flow consist of a deep sump cast iron body with bottom outlet, a removable cast iron or nickel bronze dome strainer, integral combined standpipe type water dam and waterproofing membrane clamp with integral gravel stop, and adjustable extension sleeve.

RD-3260EXOF



Model Number	Outlet Types				WaterWay Area (mm) ²
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3262EXOF	50	2"	2"	2"	46100
RD-3263EXOF	75	3"	3"	3"	46100
RD-3264EXOF	110	4"	4"	4"	46100
RD-3266EXOF	160	6"	6"	6"	46100

Item	Material	Option
Body	Cast Iron	
Extension	Cast Iron	
Clamp & Dome	Cast Iron	Nickel Bronze
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Large Sump - Roof Drains

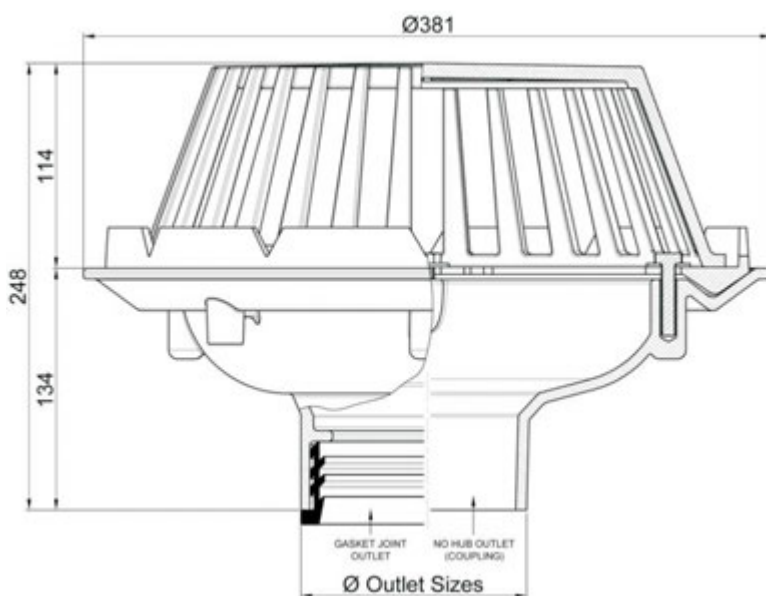
Specification: RD-3180 series of dome type large sump roof drains consist of cast iron body with vertical outlet, a membrane clamp with integral gravel stop.

RD-3180



Model Number	Outlet Types			WaterWay Area (mm) ²
	Gasket (mm)	Options		
		Gasket (Inch)	Spigot (inch)	
RD-3183	75	3"	3"	83000
RD-3184	110	4"	4"	83000
RD-3186	160	6"	6"	83000

Item	Material	Option
Body	Cast Iron	
Clamp	Cast Iron	Nickel - Bronze
Dome(Secured)	Cast Iron	Nickel - Bronze
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Large Sump - Roof Drains

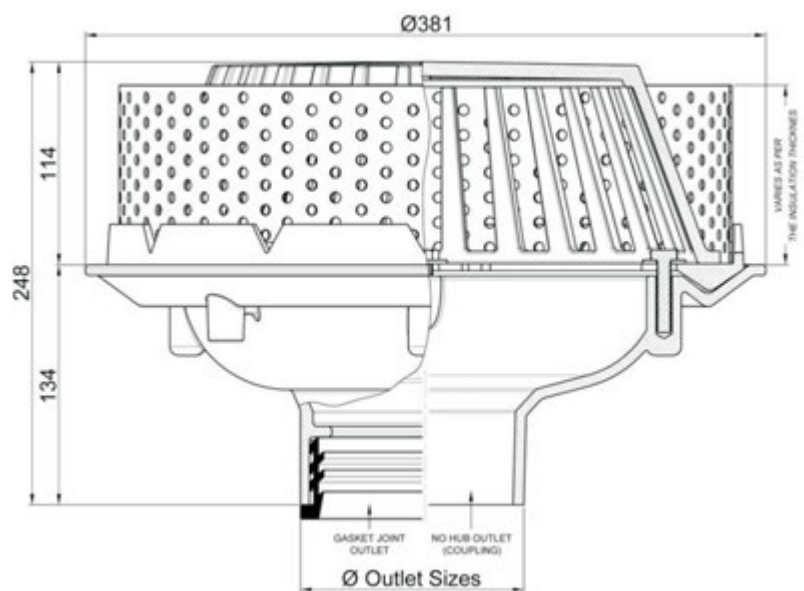
Specification: RD-3180G series of dome type large sump roof drains consist of cast iron body with vertical outlet, a membrane clamp with integral gravel stop and stainless steel gravel guard.

RD-3180G



Model Number	Outlet Types			WaterWay Area (mm) ²
	Gasket (mm)	Options		
		Gasket (Inch)	Spigot (inch)	
RD-3183G	75	3"	3"	83000
RD-3184G	110	4"	4"	83000
RD-3186G	160	6"	6"	83000

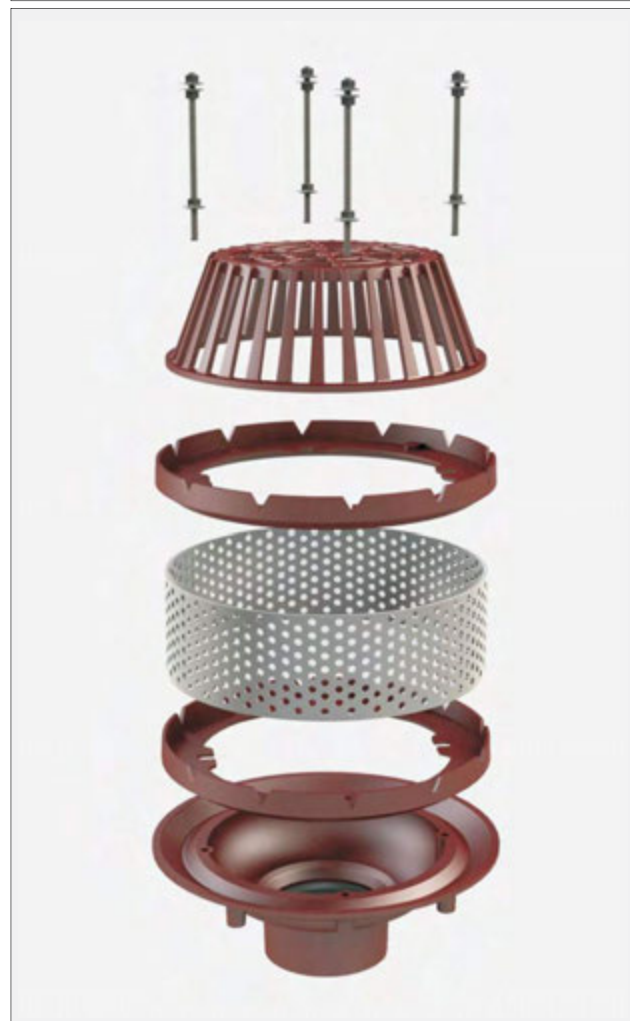
Item	Material	Option
Body	Cast Iron	
Clamp	Cast Iron	Nickel - Bronze
Dome (Secured)	Cast Iron	Nickel - Bronze
Gravel Guard	Stainless Steel	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Large Sump - Roof Drains

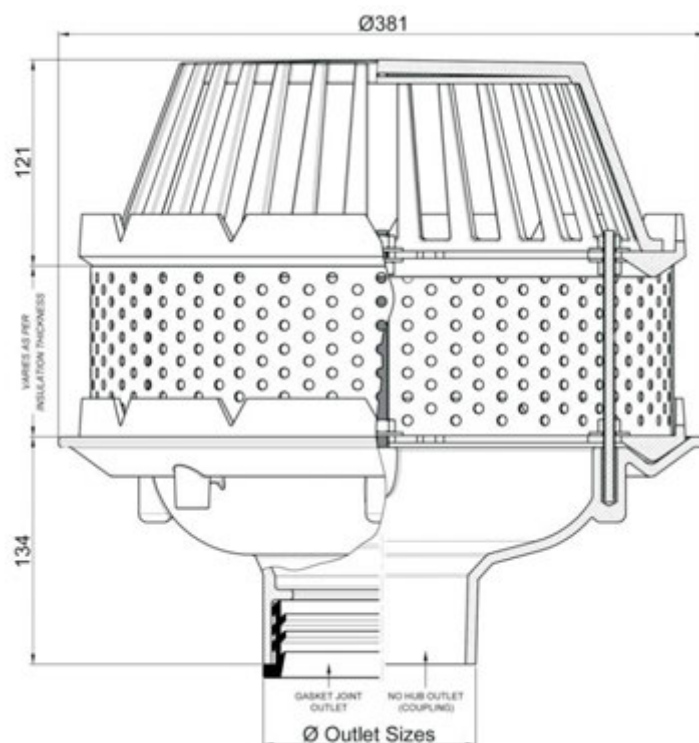
Specification: RD-3180GX series of dome type large sump roof drains consist of cast iron body with vertical outlet, a membrane clamp with integral gravel stop and stainless steel gravel guard extension.

RD-3180GX



Model Number	Outlet Types			WaterWay Area (mm) ²
	Gasket (mm)	Options		
		Gasket (Inch)	Spigot (inch)	
RD-3183GX	75	3"	3"	83000
RD-3184GX	110	4"	4"	83000
RD-3186GX	160	6"	6"	83000

Item	Material	Option
Body	Cast Iron	
Clamp	Cast Iron	Nickel - Bronze
Dome (Secured)	Cast Iron	Nickel - Bronze
Gravel Guard	Stainless Steel	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Larg Sump - Roof Drains

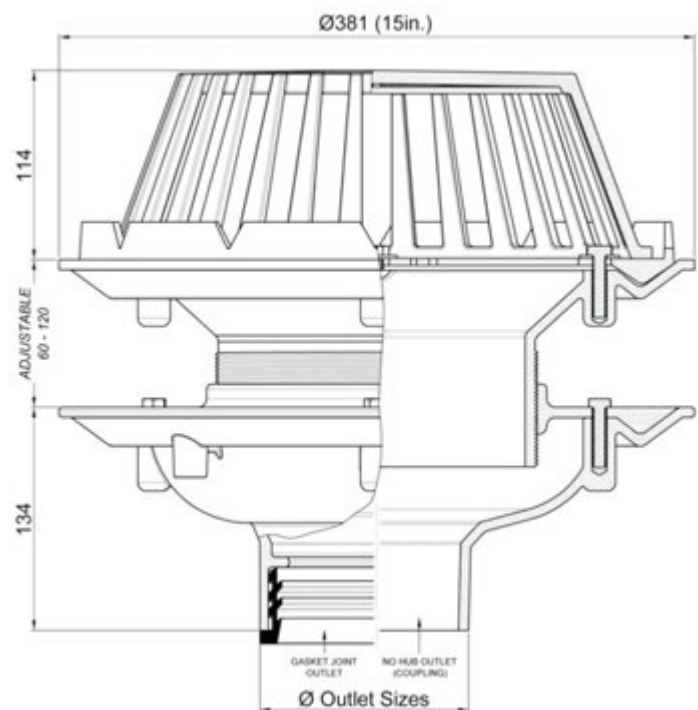
Specification: RD-3180EX series of dome type roof drains consist of cast iron large sump body with gasket type bottom outlet, membrane clamp with integral gravel stop, secured dome and adjustable extension.

RD-3180EX



Model Number	Outlet Types			WaterWay Area (mm) ²
	Gasket (mm)	Options		
		Gasket (Inch)	Spigot (inch)	
RD-3183EX	75	3"	3"	83000
RD-3184EX	110	4"	4"	83000
RD-3186EX	160	6"	6"	83000

Item	Material	Option
Body	Cast Iron	
Clamp	Cast Iron	Nickel - Bronze
Dome	Cast Iron	Nickel - Bronze
Extension	Cast Iron	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Larg Sump - Roof Drains

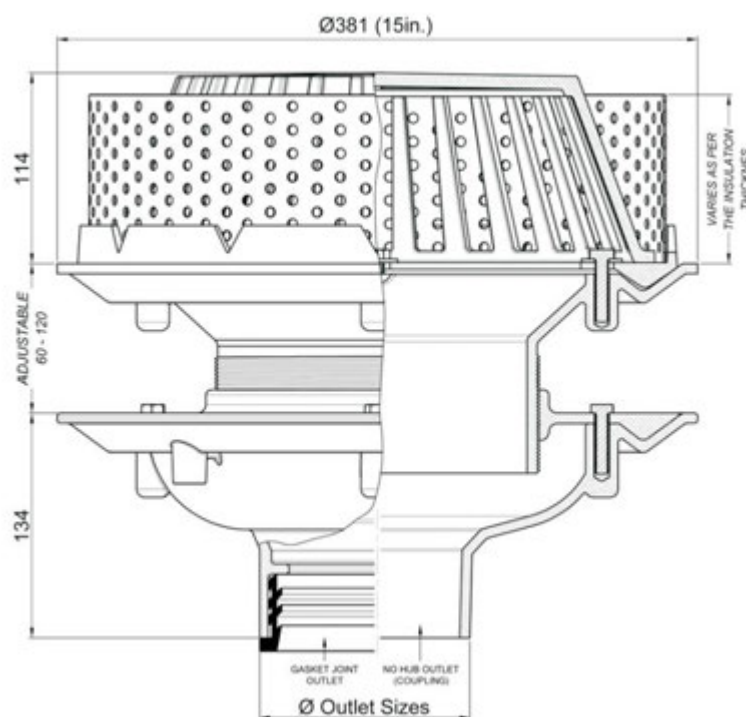
Specification: RD-3180GEX series of dome type roof drains consist of cast iron large sump body with gasket type bottom outlet, membrane clamp with integral stop, secured dome, adjustable extension and stainless steel gravel guard.

RD-3180GEX



Model Number	Outlet Types			WaterWay Area (mm) ²
	Gasket (mm)	Options		
		Gasket (Inch)	Spigot (inch)	
RD-3183GEX	75	3"	3"	83000
RD-3184GEX	110	4"	4"	83000
RD-3186GEX	160	6"	6"	83000

Item	Material	Option
Body	Cast Iron	
Extension	Cast Iron	
Clamp & Dome	Cast Iron	Nickel - Bronze
Gravel Guard	Stainless Steel	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Larg Sump - Roof Drains

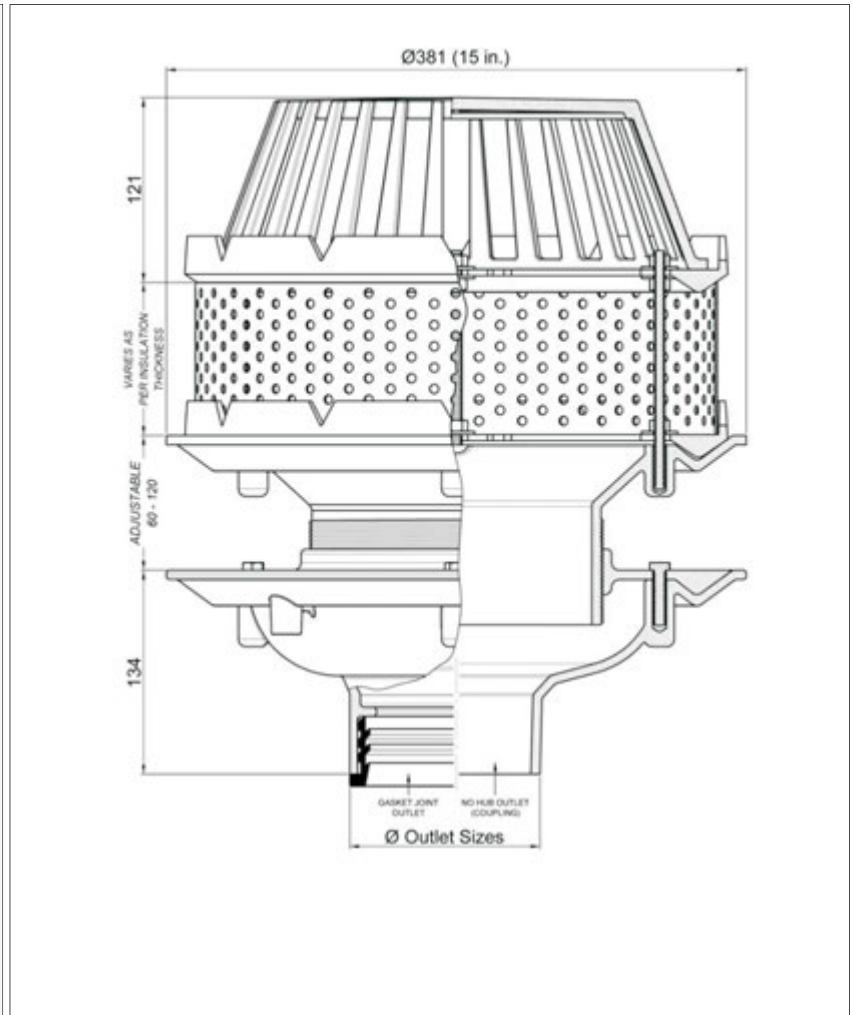
Specification: RD-3180EXGX series of general purpose roof drain consist of large sump cast iron body with bottom outlet, a removable cast iron or nickel bronze dome strainer, non-puncturing membrane flashing clamp with integral gravel stop, adjustable extension sleeve, and stainless steel perforated extension.

RD-3180EXGX



Model Number	Outlet Types			WaterWay Area (mm ²)
	Gasket (mm)	Options		
		Gasket (Inch)	Spigot (inch)	
RD-3183EXGX	75	3"	3"	83000
RD-3184EXGX	110	4"	4"	83000
RD-3186EXGX	160	6"	6"	83000

Item	Material	Option
Body	Cast Iron	
Clamp & Dome	Cast Iron	Nickel - Bronze
Extension	Cast Iron	
Gravel Guard	Stainless Steel	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Large Sump - Over Flow Roof Drains

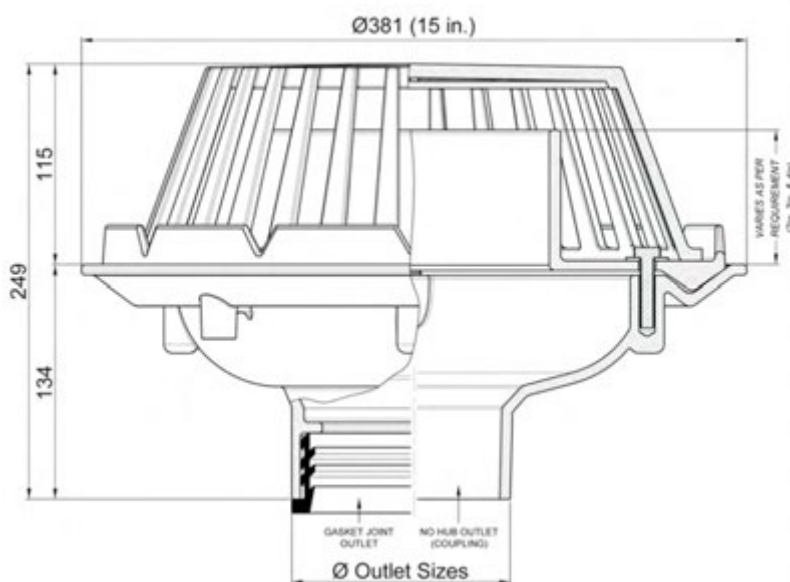
Specification: RD-3180OF series of roof drain with with Over Flow consist of a large sump cast iron body with bottom outlet, a removable cast iron or Nickel bronze dome strainer, and integral combined standpipe type water dam and water proofing membrane non-puncturing clamp with integral gavel stop and adjustable extensive sleeve.

RD-3180OF



Model Number	Outlet Types			WaterWay Area (mm) ²
	Gasket (mm)	Options		
		Gasket (Inch)	Spigot (inch)	
RD-3183OF	75	3"	3"	83000
RD-3184OF	110	4"	4"	83000
RD-3186OF	160	6"	6"	83000

Item	Material	Option
Body	Cast Iron	
Overflow Clamp	Cast Iron	Nickel - Bronze
Dome	Cast Iron	Nickel - Bronze
Extension	Cast Iron	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Large Sump - Over Flow Roof Drains

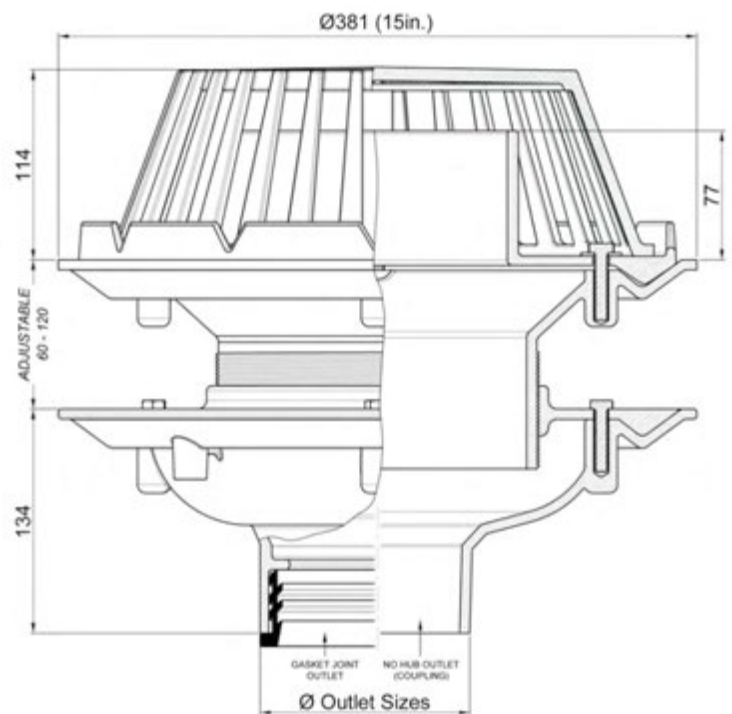
Specification: RD-3180EXOF series of roof drain with over flow consist of large sump cast iron body with bottom outlet, a removable cast iron or nickel bronze dome strainer, intergral combined standpipe type water dam and water proofing membrane non-puncturing clamp with integral gravel stop, and adjustable extension sleeve.

RD-3180EXOF



Model Number	Outlet Types			WaterWay Area (mm) ²
	Gasket (mm)	Options		
		Gasket (Inch)	Spigot (inch)	
RD-3183EXOF	75	3"	3"	83000
RD-3184EXOF	110	4"	4"	83000
RD-3186EXOF	160	6"	6"	83000

Item	Material	Option
Body	Cast Iron	
Extension	Cast Iron	
Clamp & Dome	Cast Iron	Nickel - Bronze
Gravel Guard	Stainless Steel	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Promenade or Deck Roof Drain

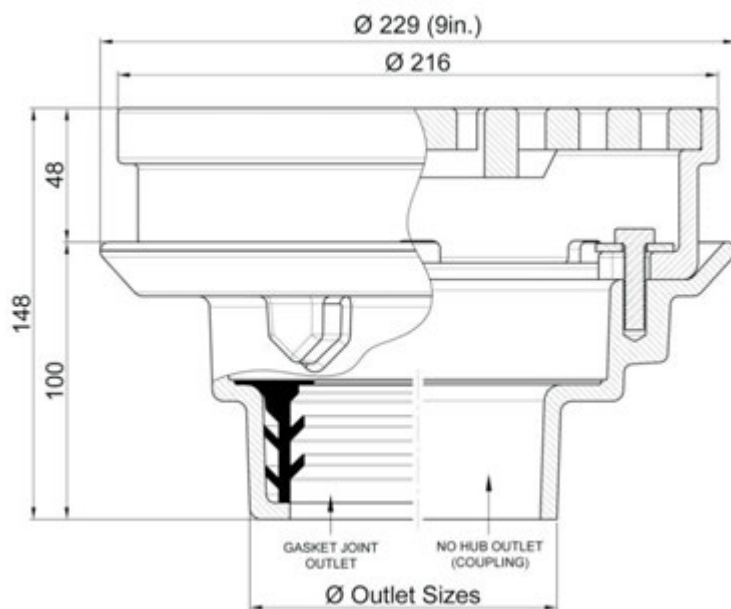
Specification: RD-3170R series of promenade or deck roof drain consist of a small sump cast iron body with bottom outlet, combined membrane flashing clamp and round frame, seepage openings, and ductile iron secured grate.

RD-3170R



Model Number	Outlet Types				WaterWay Area (mm) ²
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3172R	50	2"	2"	2"	1710
RD-3173R	75	3"	3"	3"	17100
RD-3174R	110	4"	4"	4"	17100

Item	Material	Option
Body	Cast Iron	
Clamp & Frame	Cast Iron	
Grate (Secured)	Ductile Iron	Cast Iron
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Promenade or Deck Roof Drain

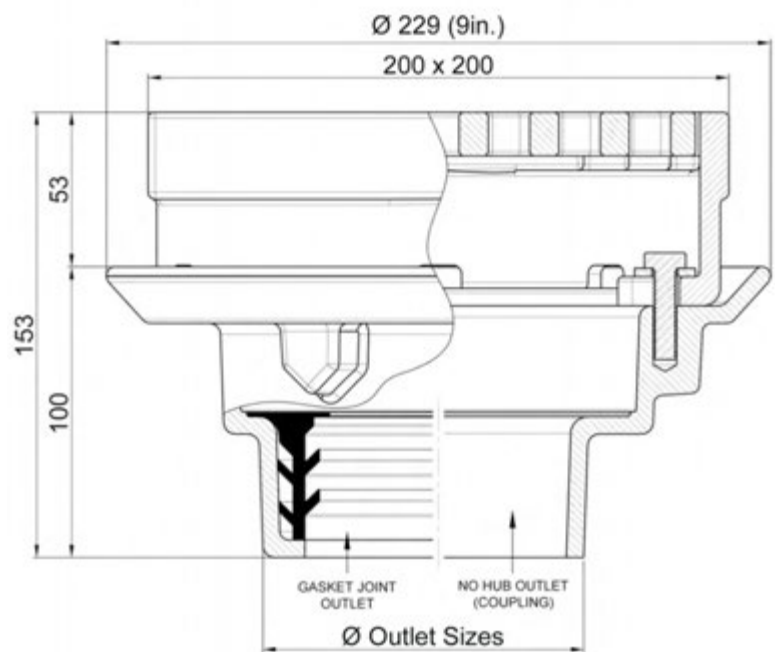
Specification: RD-3170S series of promenade or deck roof drain consist of a small sump cast iron body with bottom outlet, combined membrane flashing clamp and square frame, seepage openings, and ductile iron secured grate.

RD-3170S



Model Number	Outlet Types				WaterWay Area (mm) ²
	Gasket (mm)	Options			
		Gasket (Inch)	Spigot (inch)	Threaded	
RD-3172S	50	2"	2"	2"	17300
RD-3173S	75	3"	3"	3"	17300
RD-3174S	110	4"	4"	4"	17300

Item	Material	Option
Body	Cast Iron	
Clamp / Frame	Cast Iron	
Grate (Secured)	Ductile Iron	Cast Iron
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Promenade or Deck Roof Drain

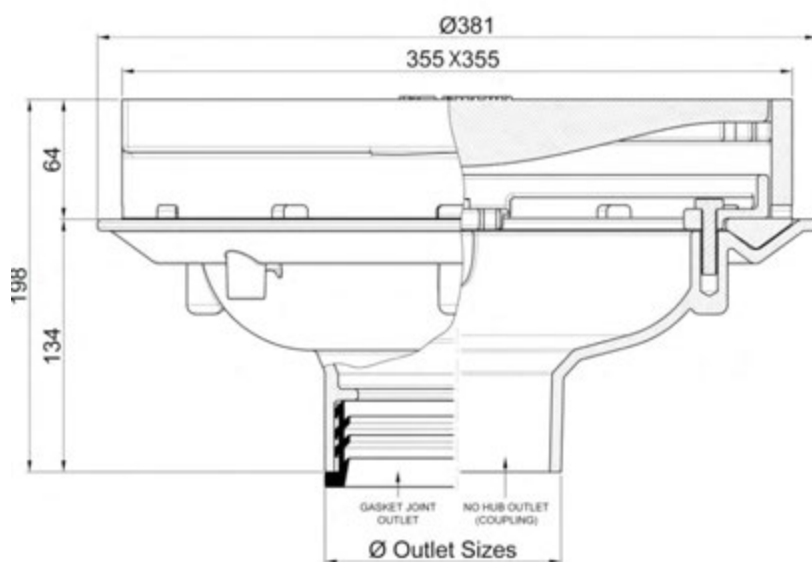
Specification: RD-3190 series of promenade or deck roof drain consist of a large sump cast iron body with bottom outlet, combined non-puncturing membrane flashing clamp and rotatable square frame with seepage openings, fixing collar, and heavy duty ductile iron grate.

RD-3190



Model Number	Outlet Types			WaterWay Area (mm) ²
	Gasket (mm)	Options		
		Gasket (Inch)	Spigot (inch)	
RD-3193	75	3"	3"	50200
RD-3194	110	4"	4"	50200
RD-3196	160	6"	6"	50200

Item	Material	Option
Body	Cast Iron	
Clamp / Frame	Cast Iron	
Grate (Secured)	Ductile Iron	Cast Iron
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Promenade or Deck Roof Drain

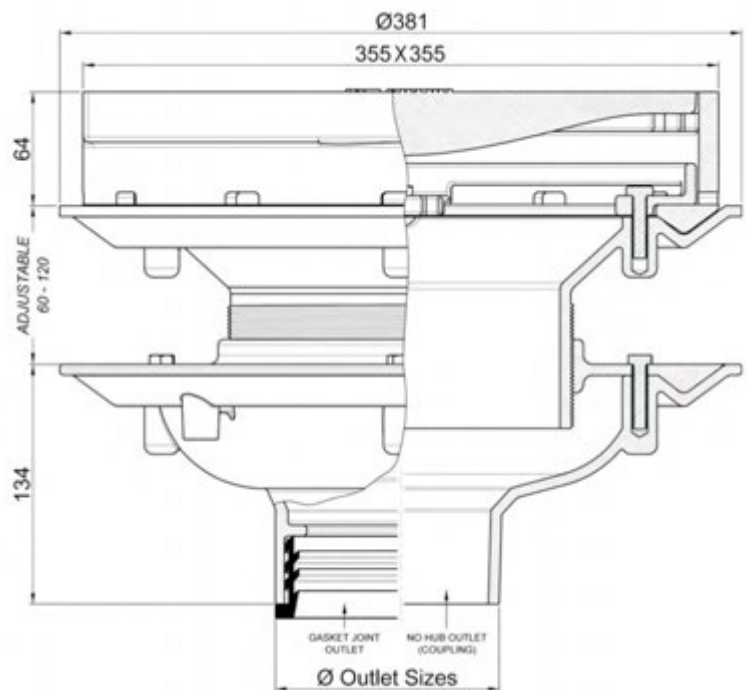
Specification: RD-3190EX series of promenade or deck roof drain consist of a large sump cast iron body with bottom outlet, non-puncturing membrane flashing clamp, adjustable extension sleeve, rotatable square frame, fixing collar, and heavy duty ductile iron grate.

RD-3190EX



Model Number	Outlet Types			WaterWay Area (mm) ²
	Gasket (mm)	Options		
		Gasket (Inch)	Spigot (inch)	
RD-3193EX	75	3"	3"	50200
RD-3194EX	110	4"	4"	50200
RD-3196EX	160	6"	6"	50200

Item	Material	Option
Body	Cast Iron	
Clamp / Frame	Cast Iron	
Grate (Secured)	Ductile Iron	Cast Iron
Extension Sleeve	Cast Iron	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



Roof Deck Indirect Waste Receptor

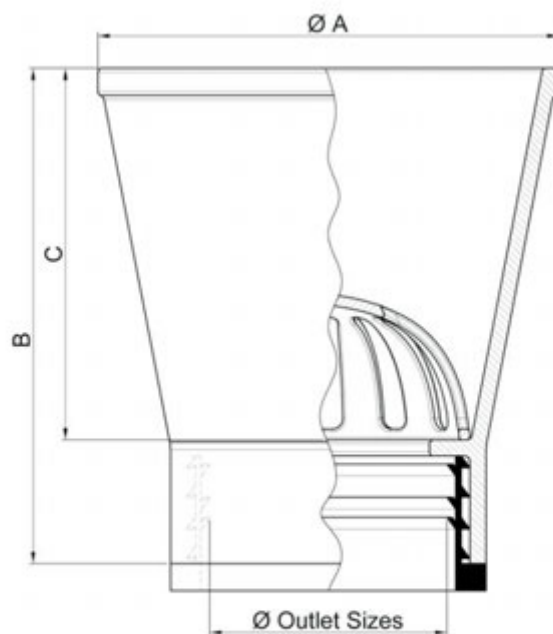
Specification: RD-3230 series of roof deck receptor consist of a cast iron funnel body with bottom outlet and small dome.

RD-3230



Model Number	Outlet Types	WaterWay Area (mm) ²
	Gasket (mm)	
RD-3232	50	7000
RD-3233	75	7000

Item	Material	Option
Body	Cast Iron	
Inside Dome	Cast Iron	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



OUTLET SIZE	A	B	C
2 in.	156	146	103
3 in.	171	184	171

Roof Deck Indirect Waste Receptor

Specification: RD-3240 series of roof deck receptor consist of a large sump cast iron body with bottom outlet, integral combined non-puncturing membrane flashing clamp and water dam, and a cast iron dome strainer.

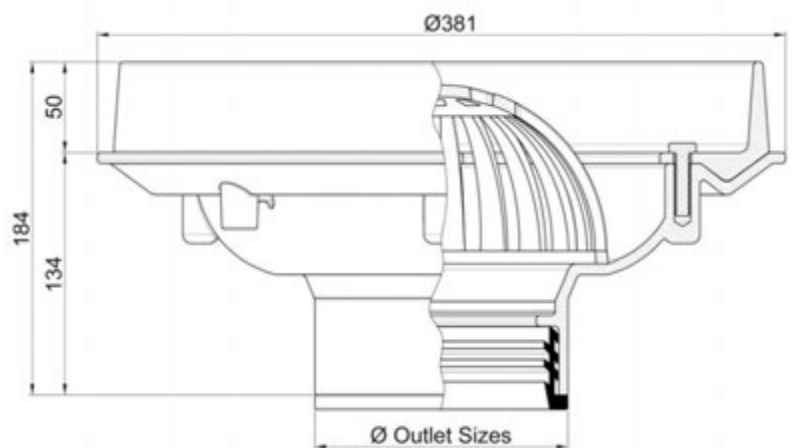
RD-3240



Model Number	Outlet Types			WaterWay Area (mm) ²
	Gasket (mm)	Options		
		Gasket (Inch)	Spigot (inch)	
RD-3243	75	3"	3"	
RD-3244	110	4"	4"	
RD-3246	160	6"	6"	

Item	Material	Option
Body	Cast Iron	
Clamp / Waterdam	Cast Iron	
Dome	Cast Iron	

Finish (C.I Parts)	Epoxy Coating	Powder Coating



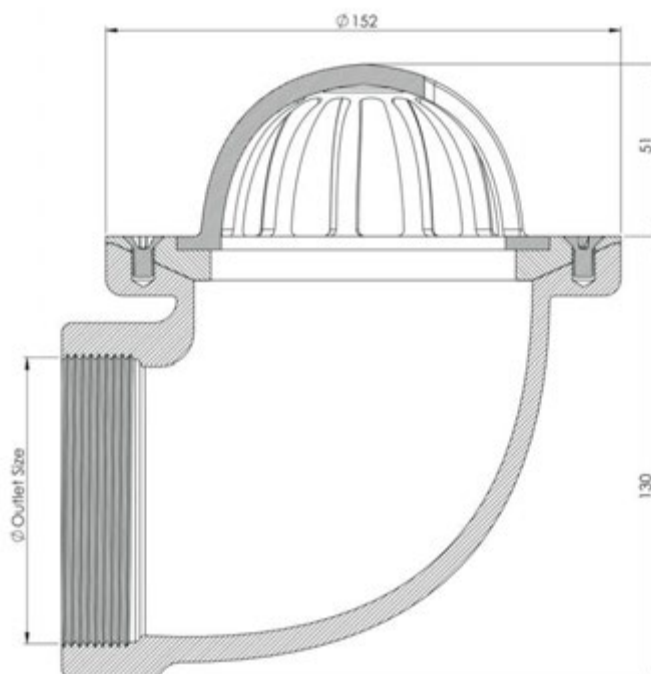
Gutter / Cornice Drain

Specification: RD-3250H series of roof drains consist of cast iron body with threaded horizontal outlet, membrane clamp and secured nickel bronze dome.

RD-3250H

Model Number	Outlet Type	Outlet size (Inch)	Water Way Area (mm ²)
RD-3252H	Threaded	2"	7500
RD-3253H	Threaded	3"	7500

Item	Material	Option
Body	Cast Iron	
Clamp	Nickel - Bronze	
Dome	Nickel - Bronze	
Finish (C.I Parts)	Epoxy Coating	Powder Coating
(Nickel Bronze)	Satin Finish	



Gutter / Cornice Drain

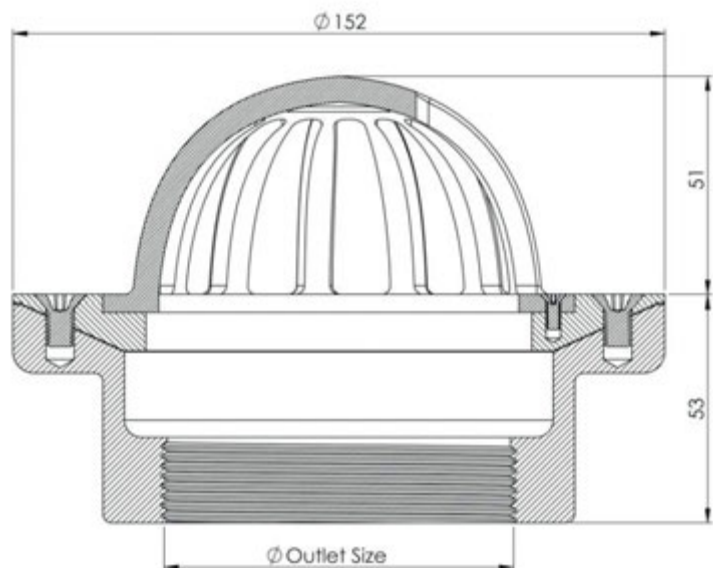
Specification: RD-3250V series of dome type roof drains consist of cast iron body with threaded vertical outlet membrane clamp and secured nickel bronze dome.

RD-3250V



Model Number	Outlet Type	Outlet size (Inch)	Water Way Area (mm ²)
RD-3252V	Threaded	2"	7500
RD-3253V	Threaded	3"	7500

Item	Material	Option
Body	Cast Iron	
Clamp	Nickel-Bronze	
Dome	Nickel-Bronze	
Finish (C.I Parts)	Epoxy Coating	Powder Coating
(Nickel Bronze)	Satin Finish	



Gutter / Cornice Drain

Specification: RD-3250HG series of gutter or cornice drain consist of a small cast iron body with side outlet, a secured nickel bronze grate strainer, and nickel bronze membrane flashing clamp.

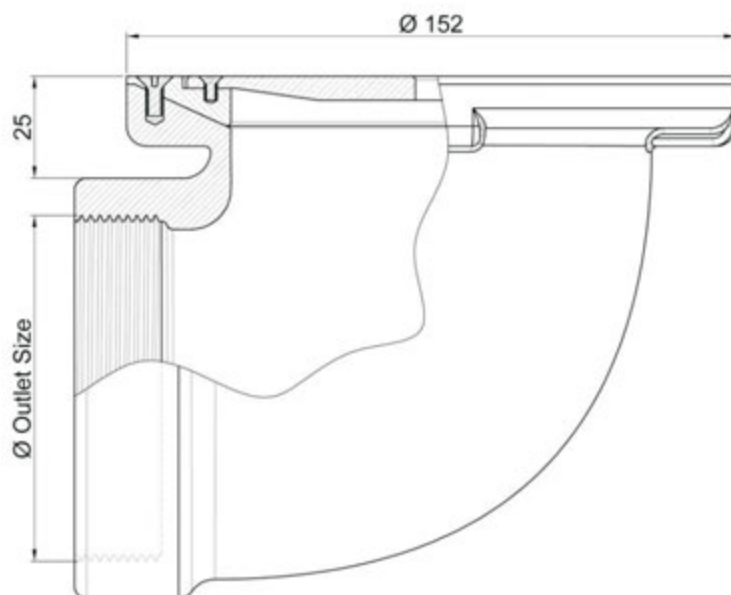
RD-3250HG



Model Number	Outlet Type	Outlet size (Inch)	Water Way Area (mm ²)
RD-3252HG	Threaded	2"	5400
RD-3253HG	Threaded	3"	5400

Item	Material	Option
Body	Cast Iron	
Clamp	Nickel - Bronze	
Grate	Nickel - Bronze	

Finish (C.I Parts)	Epoxy Coating	Powder Coating
(Nickel Bronze)	Satin Finish	



Gutter / Cornice Drain

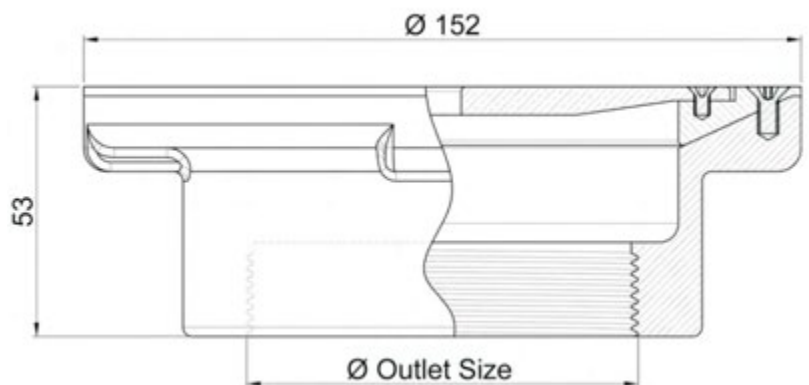
Specification: RD-3250VG series of gutter or cornice drain consist of a small cast iron body with bottom outlet, a secured nickel bronze grate strainer, and nickel bronze membrane flashing clamp.

RD-3250VG



Model Number	Outlet Type	Outlet size (Inch)	Water Way Area (mm ²)
RD-3252VG	Threaded	2"	5400
RD-3253VG	Threaded	3"	5400

Item	Material	Option
Body	Cast Iron	
Clamp	Nickel-Bronze	
Grate	Nickel-Bronze	
Finish (C.I Parts)	Epoxy Coating	Powder Coating
(Nickel Bronze)	Satin Finish	



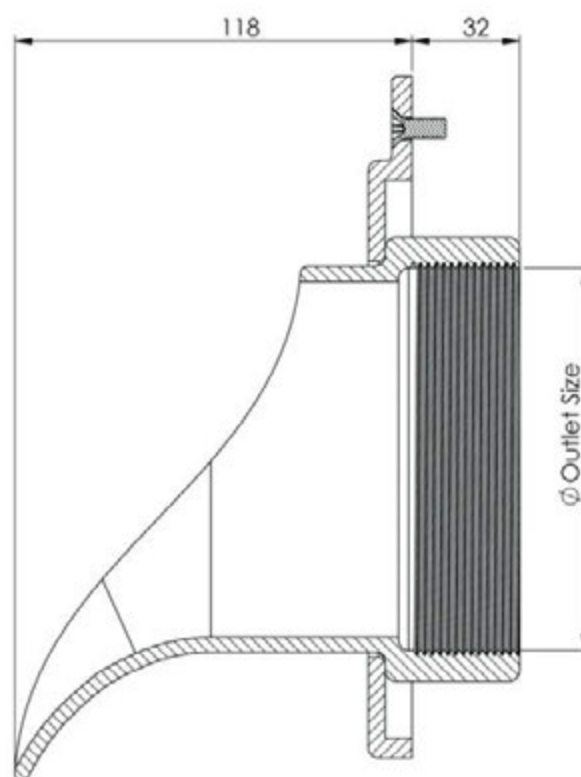
Roof Accessories

Specification: RD-7110 series of down spout nozzles consist of nickel bronze body with threaded outlet and a wall flange.

RD-7110



Model Number	Outlet Type	Outlet size (Inch)	
RD-7112	Internal Threaded	2"	
RD-7113	Internal Threaded	3"	
RD-7114	Internal Threaded	4"	
RD-7116	Internal Threaded	6"	
Item	Material	Option	
Body	Nickel Bronze		
Flange	Nickel Bronze		
Finish (N.B Parts)	Satin Finish		



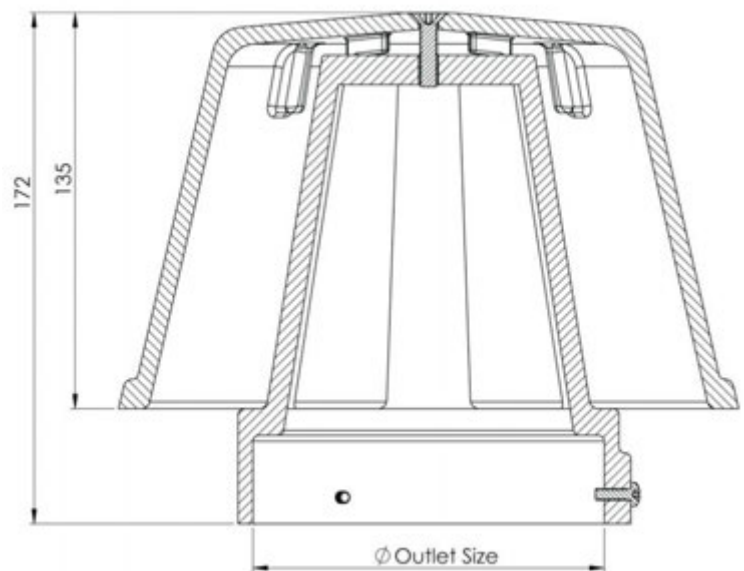
Roof Accessories

Specification: RD-7120 series of vent cap consist of cast iron vandal proof vent cap and a cast iron body with hood.

RD-7120



Model Number	Outlet Type	Outlet size (Inch)	Outlet size (mm)
RD-7122	Hub Type	2"	50
RD-7123	Hub Type	3"	75
RD-7124	Hub Type	4"	110
FD-7126	Hub Type	6"	160
Item	Material	Option	
Body	Cast Iron		
Cap	Cast Iron		
Finish (C.I Parts)	Epoxy Coating	Powder Coating	



Roof Accessories

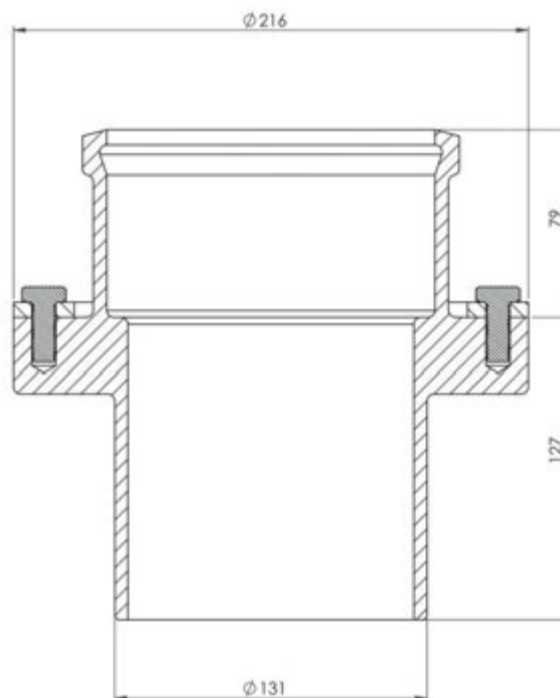
Specification: RD-7130 series of vent stack flashing sleeve consist of cast iron body with membrane flashing clamp.

RD-7130



Model Number	Outlet Type	Outlet size (Inch)	Outlet size (mm)
RD-7133	Inside Caulk	3"	75
RD-7134	Inside Caulk	4"	110

Item	Material	Option
Body	Cast Iron	
Clamp	Cast Iron	
Finish (C.I Parts)	Epoxy Coated	Powder Coating



Roof Accessories

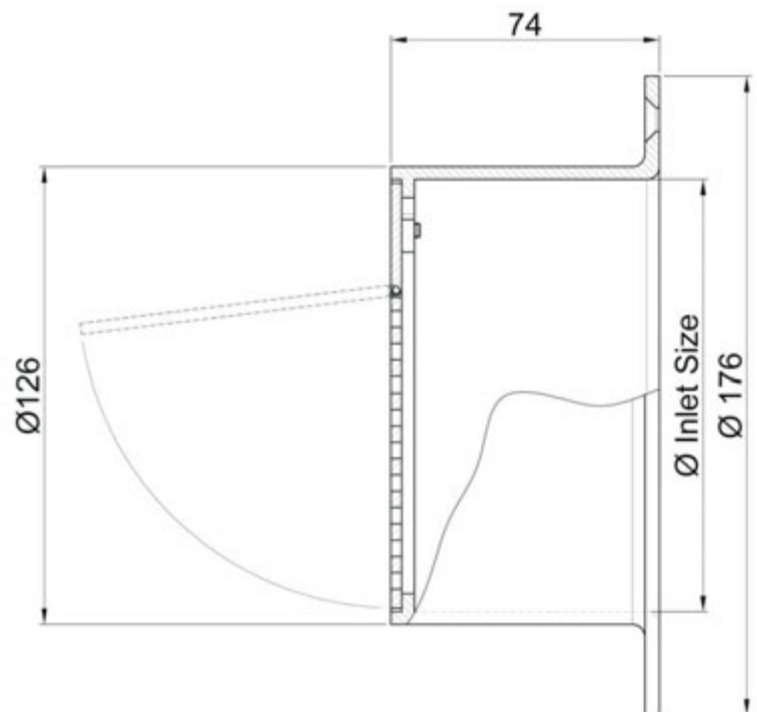
Specification: RD-7140 series of down spout cover consist of nickel bronze flange and perforated hinged cover.

RD-7140



Model Number		Inlet size (Inch)	
RD-7142		2"	
RD-7143		3	
RD-7144		4"	
RD-7146		6"	

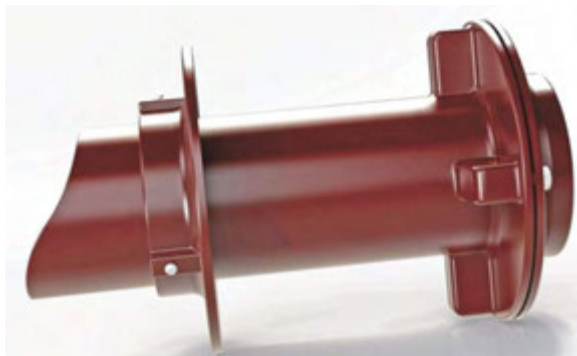
Item	Material	Option
Flange	Nickel Bronze	
Cover	Nickel Bronze	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



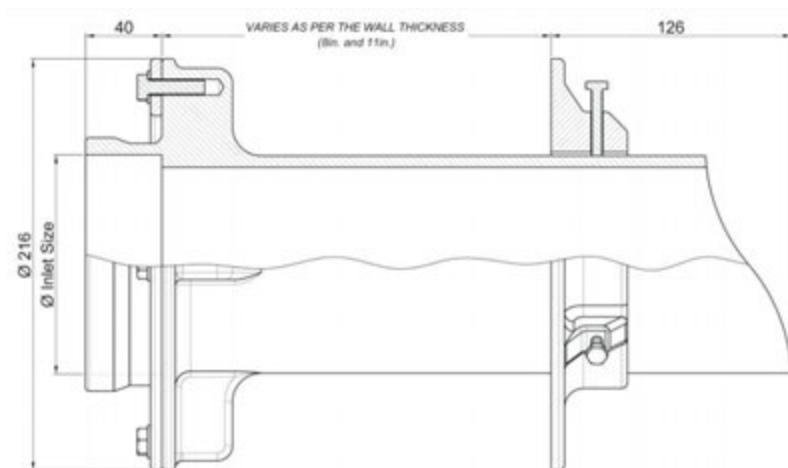
Roof Accessories

Specification: RD-7150 series of parapet sleeve consist of a tubular cast iron body, fixed combination flashing flange and membrane clamp and adjustable parapet wall flange.

RD-7150



Model Number	Outlet Type	Inlet size (Inch)	
RD-7154	Hub Type	4"	
Item	Material	Option	
Body	Cast Iron		
Clamp	Cast Iron		
Wall Flange	Cast Iron		
Finish (C.I Parts)	Epoxy Coated	Powder Coating	



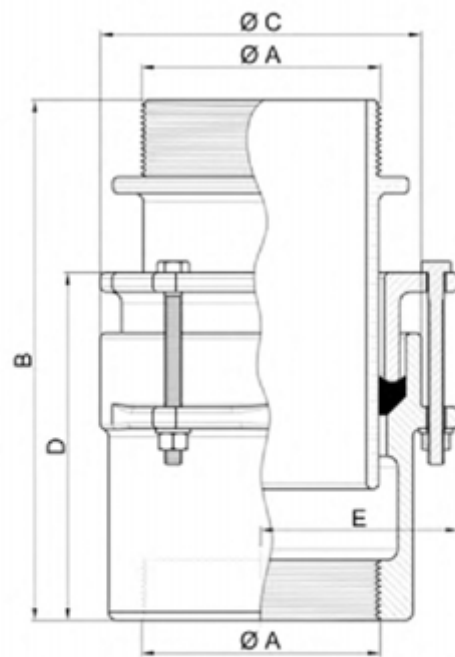
Roof Accessories

Specification: RD-7160 series of expansion joint consist of a cast iron body with adjustable bronze expansion sleeve and rubber gasket & collar.

RD-7160



Model Number	Outlet Type	Outlet size (Inch)	
RD-7162	Thread Type	2"	
RD-7163	Thread Type	3"	
RD-7164	Thread Type	4"	
RD-7166	Thread Type	6"	
Item	Material	Option	
Body	Cast Iron		
Collar	Cast Iron		
Expansion Sleeve	Nickel Bronze		
Finish (C.I Parts)	Epoxy Coating	Powder Coating	



A (Pipe Size)	B	C	D	E
2 in.	165 - 215	92	127	63
3 in.	165 - 215	117	127	72
4 in.	165 - 215	144	121	93
6 in.	175 - 220	200	127	121

FLOOR DRAINS

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Finished Interior Floor Drain

Specification: FD-4110S series of floor drains consist of a cast iron body with bottom outlet, a reversible membrane clamp and an adjustable square nickel bronze or stainless steel strainer.

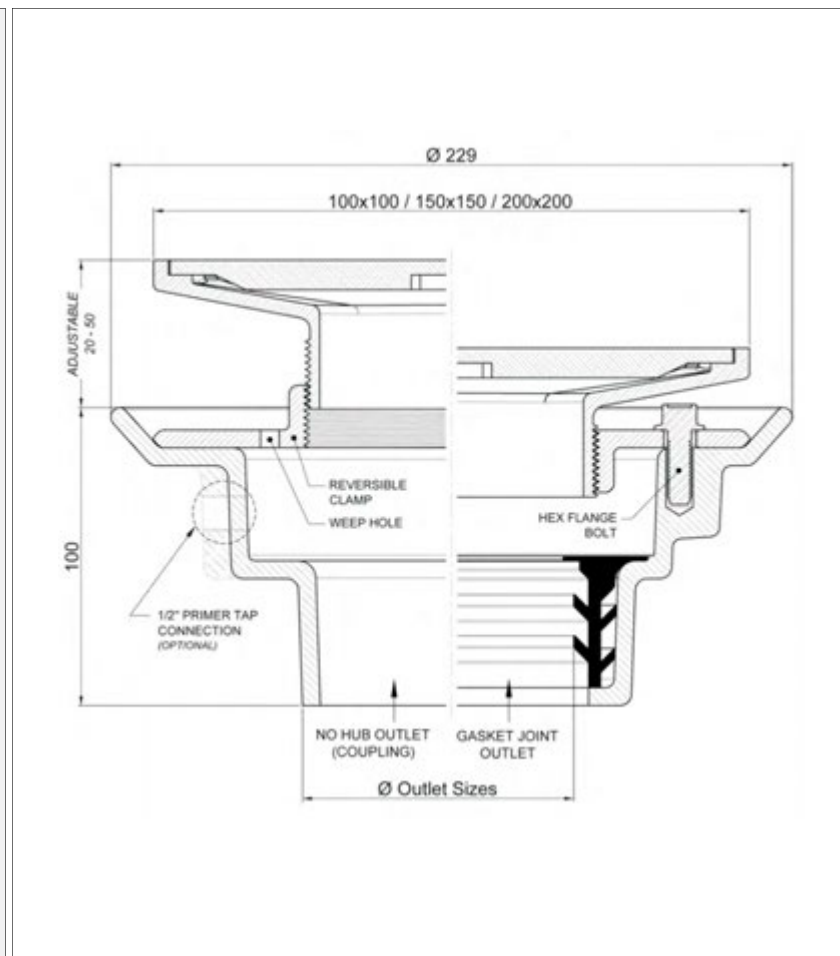
FD-4110S



Model Number	Gasket (mm)	Outlet Types		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4112S	50	2"	2"	2"
FD-4113S	75	3"	3"	3"
FD-4114S	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)	Strainer Size	Water Way Area (mm ²)
100x100mm	2390 mm ²	150x150mm	8346 mm ²
200x200mm	14548 mm ²		

Item	Material	Option
Body & Collar	Cast Iron (CI)	
Strainer	Nickel Bronze (NB)	Stainless Steel (SS)
Finish	C.I Parts	Epoxy Coating
	NI-BR Strainer	Satin Finish
	SS Strainer	Polished



Finished Interior Floor Drain

Specification: FD-4110SB series of floor drains consist of cast iron body with gasket type bottom outlet, reversible membrane clamp and adjustable square nickel bronze or stainless steel strainer with secured grate and bucket.

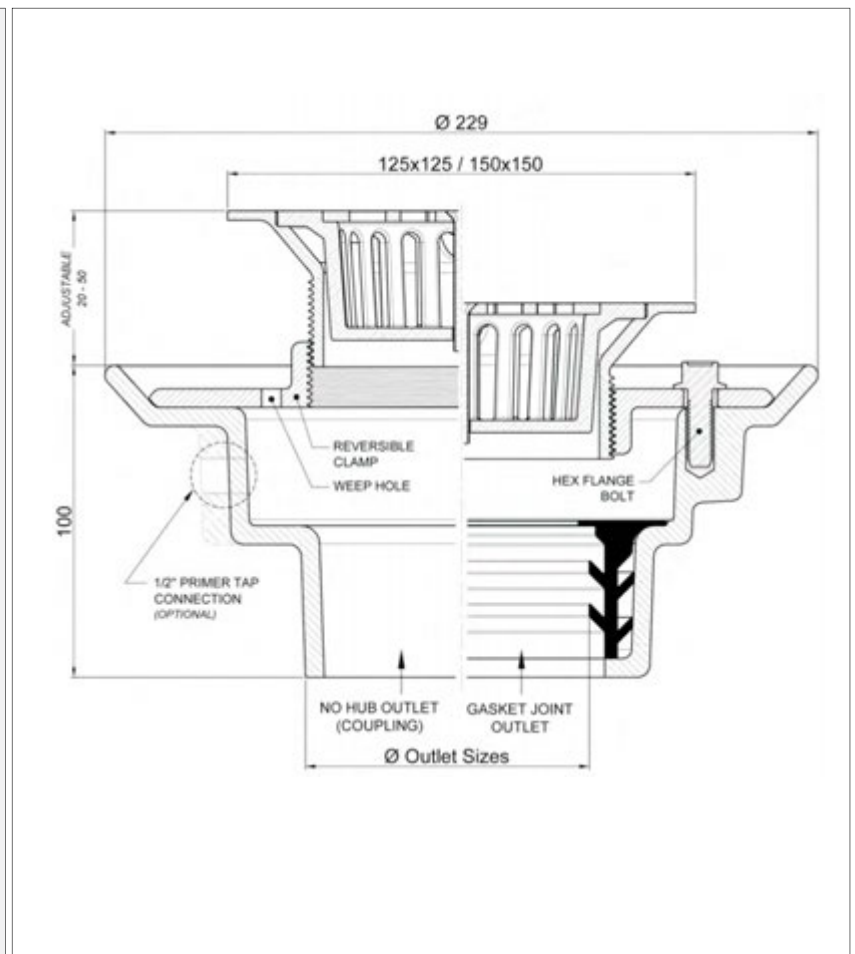
FD-4110SB



Model Number	Outlet Types			
	Gasket (mm)	Options		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4112SB	50	2"	2"	2"
FD-4113SB	75	3"	3"	3"

Strainer Size	Water way Area	Strainer Size	Water way area
125x125mm	3020 mm ²	150x150mm	3020 mm ²

Item	Material	Option
Body & Collar	Cast Iron (CI)	
Strainer	Nickel Bronze (NB)	Stainless Steel (SS)
Finish	C.I Parts	Epoxy Coating
	NI-BR Strainer	Satin Finish
	SS Strainer	Polished



Finished Interior Floor Drain

Specification: FD-4110RB series of floor drains consist of a cast iron body with bottom outlet, a membrane clamp and an adjustable round nickel bronze or stainless steel strainer with bucket.

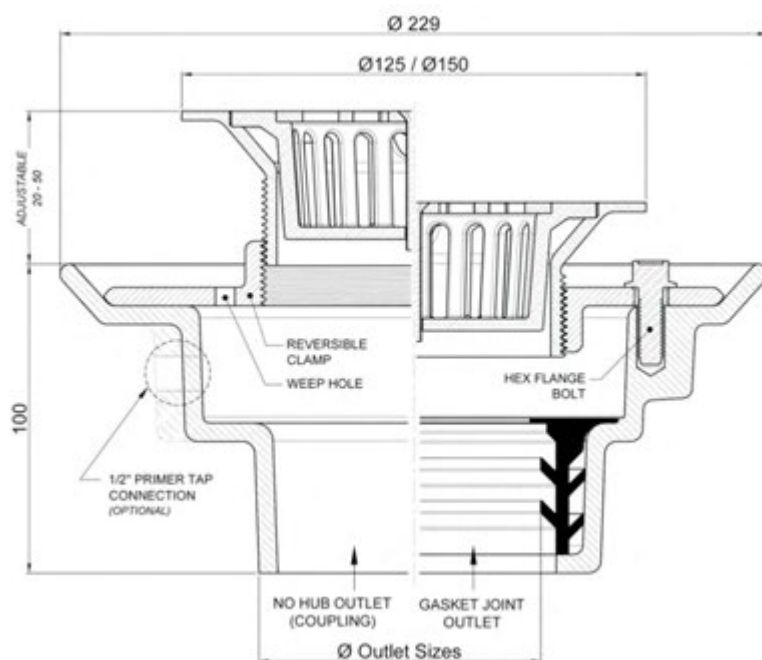
FD-4110RB



Model Number	Gasket (mm)	Outlet Types		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4112RB	50	2"	2"	2"
FD-4113RB	75	3"	3"	3"

Strainer Size	Water Way Area (mm ²)	Strainer Size	Water Way Area (mm ²)
125mm	3020 mm ²	150mm	3020 mm ²

Item	Material	Option
Body & Collar	Cast Iron (CI)	
Strainer	Nickel Bronze (NB)	Stainless Steel (SS)
Finish	C.I Parts	Epoxy Coating
	NI-BR Strainer	Satin Finish
	SS Strainer	Polished



Finished Interior Floor Drain

Specification: FD-4110SH series of floor drains consist of a cast iron body with bottom outlet, a membrane clamp and an adjustable square hinged nickel bronze strainer.

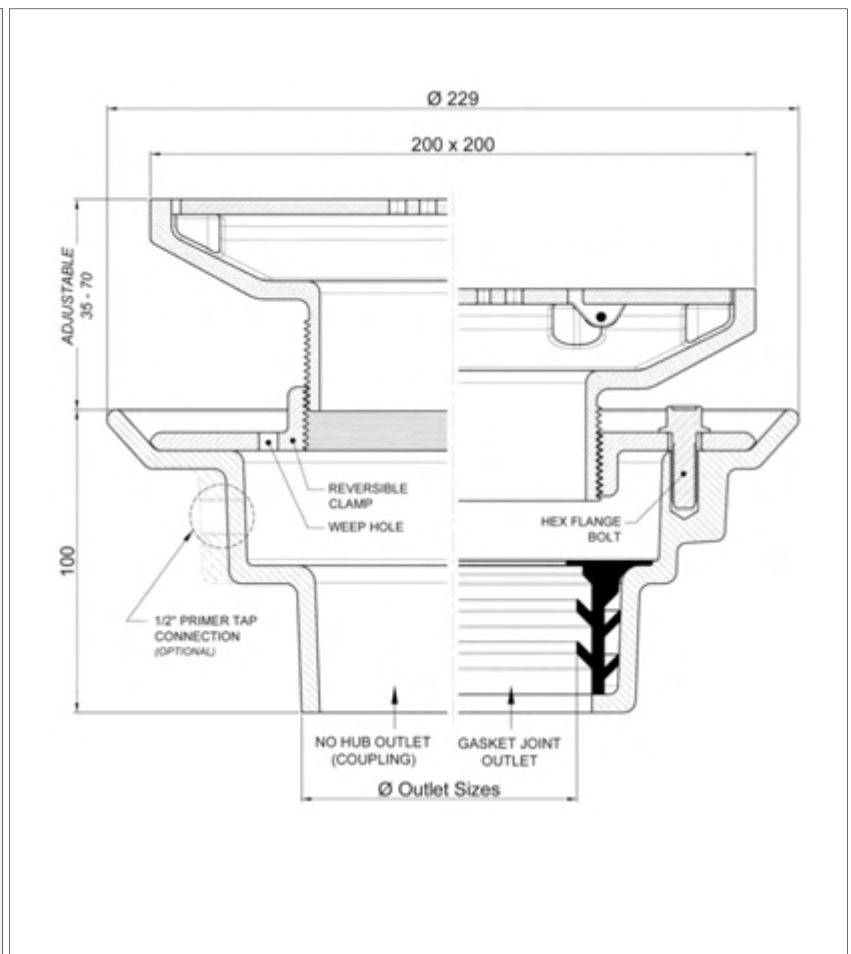
FD-4110SH



Model Number	Gasket (mm)	Outlet Types		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4112SH	50	2"	2"	2"
FD-4113SH	75	3"	3"	3"
FD-4114SH	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)		
200x200mm	16483 mm ²		

Item	Material	Option
Body	Cast Iron (CI)	
Collar	Cast Iron (CI)	
Strainer	Nickel Bronze (NB)	
Finish	C.I Parts	Epoxy Coating
	Strainer	Satin Finish
		Powder Coating
		Polished



Finished Interior Floor Drain

Specification: FD-4110RH series of floor drains consist of a cast iron body with bottom outlet, a membrane clamp and an adjustable round hinged nickel bronze strainer.

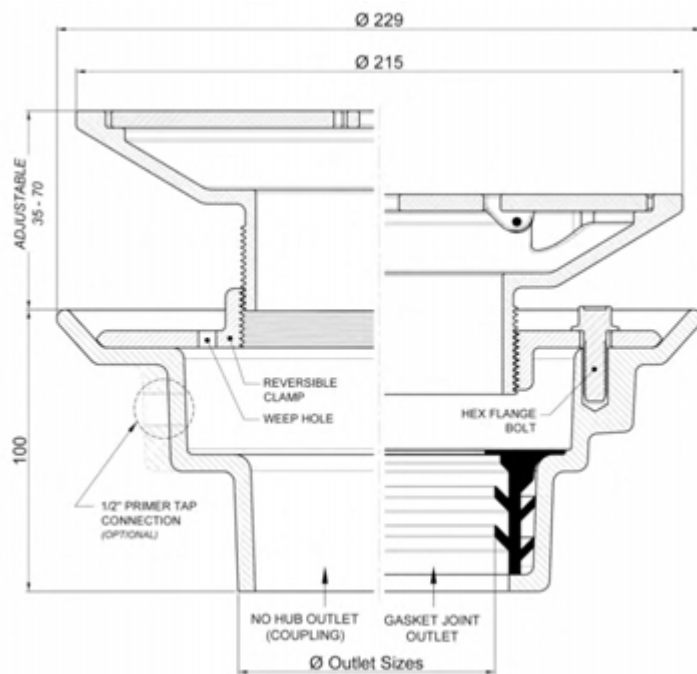
FD-4110RH



Model Number	Gasket (mm)	Outlet Types		
		Options		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4112RH	50	2"	2"	2"
FD-4113RH	75	3"	3"	3"
FD-4114RH	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)		
215mm	17947 mm ²		

Item	Material	Option
Body	Cast Iron (CI)	
Collar	Cast Iron (CI)	
Strainer	Nickel Bronze (NB)	
Finish	C.I Parts	Epoxy Coating
	Strainer	Satin Finish
		Powder Coating
		Polished



Finished Interior Floor Drain

Specification: FD-4110RE series of floor drains consist of a cast iron body with bottom outlet, a membrane clamp and an adjustable rectangular nickel bronze strainer.

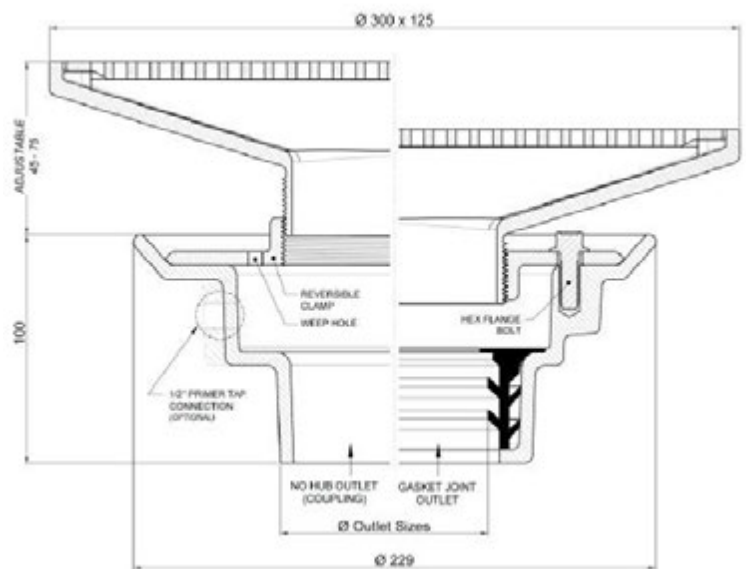
FD-4110RE



Model Number	Gasket (mm)	Outlet Types		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4112RE	50	2"	2"	2"
FD-4113RE	75	3"	3"	3"
FD-4114RE	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)		
300x 125mm	8604 mm ²		

Item	Material	Option
Body	Cast Iron (CI)	
Collar	Cast Iron (CI)	
Strainer	Nickel Bronze (NB)	
Finish	C.I Parts	Epoxy Coating
	Strainer	Satin Finish
		Powder Coating
		Polished



Finished Interior Floor Drain

Specification: FD-4110A series of floor drains consist of cast iron body with gasket type bottom outlet, reversible membrane clamp with seepage slots and adjustable nickel bronze angular strainer.

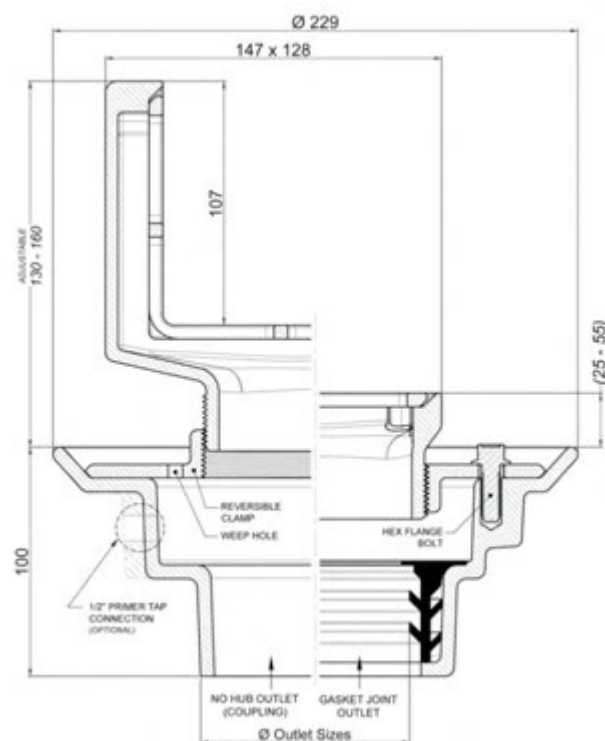
FD-4110A



Model Number	Gasket (mm)	Outlet Types		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4112A	50	2"	2"	2"
FD-4113A	75	3"	3"	3"
FD-4114A	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)		
147 x 128 mm	9500 mm ²		

Item	Material	Option
Body	Cast Iron (CI)	
Collar	Cast Iron (CI)	
Strainer	Nickel Bronze (NB)	
Finish	C.I Parts	Epoxy Coating
	Strainer	Satin Finish
		Powder Coating
		Polished



Finished Interior Floor Drain

Specification: FD-4110D series of floor drains consist of a cast iron body with bottom outlet, a membrane clamp and an adjustable dome type nickel bronze strainer.

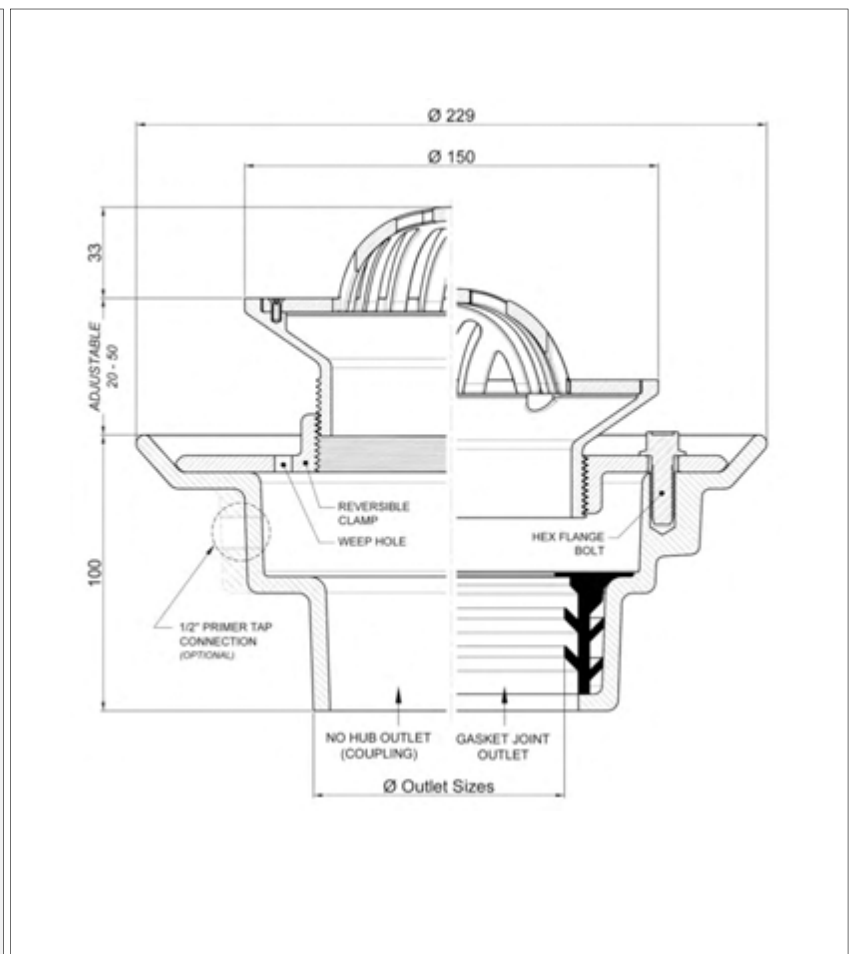
FD-4110D



Model Number	Gasket (mm)	Outlet Types		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4112D	50	2"	2"	2"
FD-4113D	75	3"	3"	3"
FD-4114D	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)		
150mm	7200mm ²		

Item	Material	Option
Body	Cast Iron (CI)	
Collar	Cast Iron (CI)	
Strainer	Nickel Bronze (NB)	
Finish	C.I Parts	Epoxy Coating
	Strainer	Satin Finish
		Powder Coating
		Polished



Indirect Waste Drain

Specification: FD-4110F series of floor drains consist of a cast iron body with bottom outlet, a membrane clamp and an adjustable round nickel bronze or stainless steel strainer and funnel.

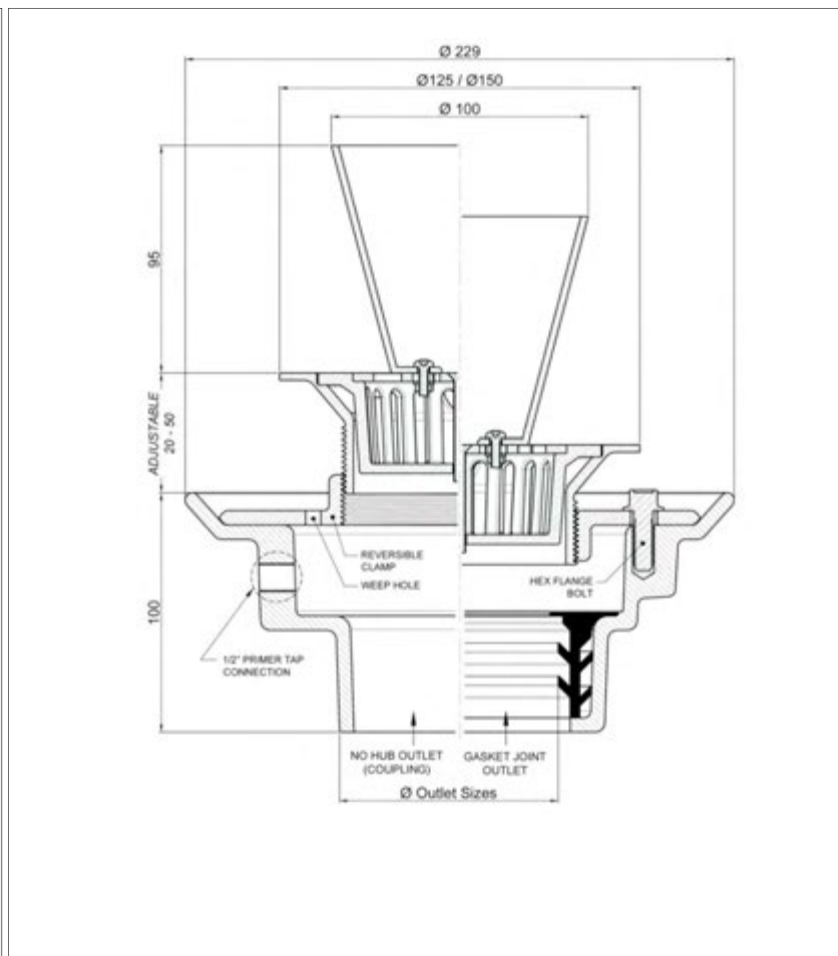
FD-4110F



Model Number	Outlet Types			
	Gasket (mm)	Options		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4112F	50	2"	2"	2"
FD-4113F	75	3"	3"	3"
FD-4114F	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)	Strainer Size	Water Way Area (mm ²)
125mm	3020mm ²	150mm	3020 mm ²
Funnel Dia	100 mm		

Item	Material	Option
Body & Collar	Cast Iron (CI)	
Strainer & Funnel	Nickel Bronze (NB)	Stainless Steel (SS)
Finish	C.I Parts	Epoxy Coating
	NI-BR Strainer	Satin Finish
	SS Strainer	Polished



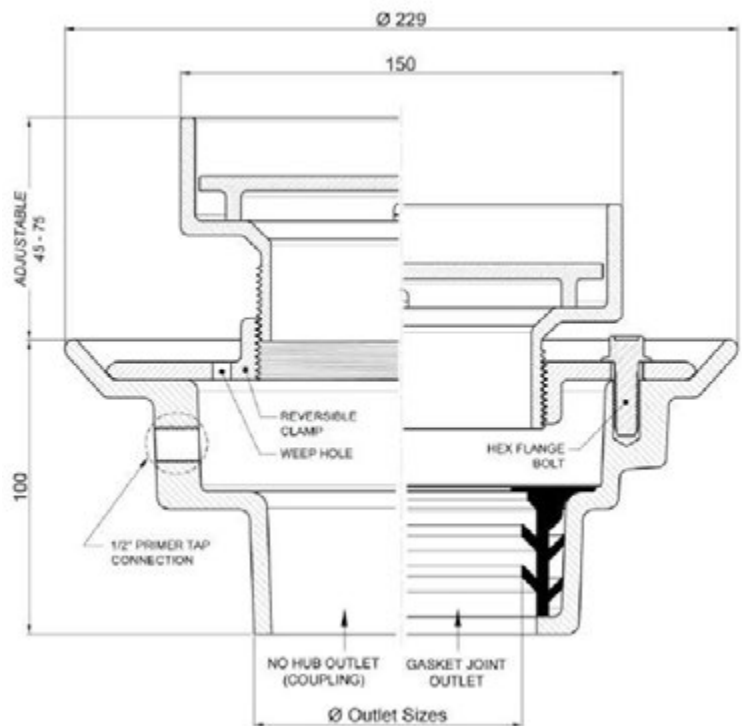
Indirect Waste Drain

Specification: FD-4110FR series of floor drains consist of cast iron body with gasket type bottom outlet, reversible membrane clamp with seepage slots and adjustable round funnel type nickel bronze strainer.

FD-4110FR



Model Number	Outlet Types			
	Gasket (mm)	Options		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4112FR	50	2"	2"	2"
FD-4113FR	75	3"	3"	3"
FD-4114FR	110	4"	4"	4"
Strainer Size		Water Way Area (mm ²)		
150mm		4500mm ²		
Item	Material		Option	
Body	Cast Iron (CI)			
Collar	Cast Iron (CI)			
Strainer	Nickel Bronze (NB)			
Finish	C.I Parts	Epoxy Coating	Powder Coating	
	Strainer	Satin Finish	Polished	



Indirect Waste Drain

Specification: FD-4110FS series of floor drains consist of a cast iron body with bottom outlet, a membrane clamp and an adjustable square nickel bronze or stainless steel strainer and funnel.

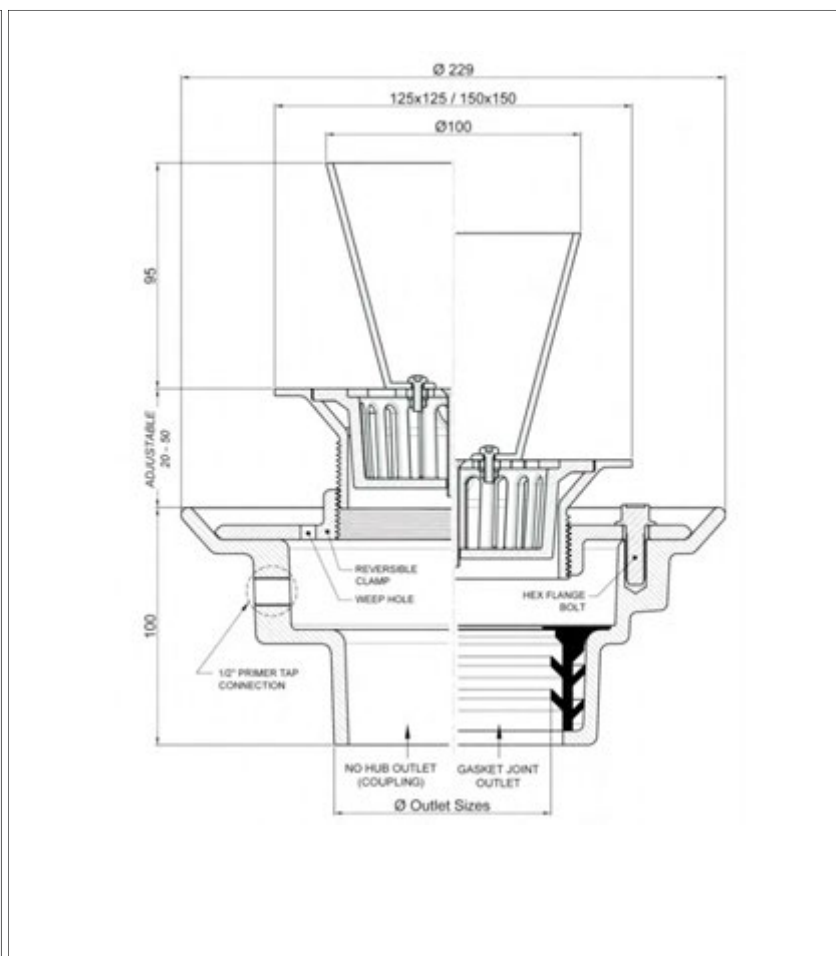
FD-4110FS



Model Number	Outlet Types			
	Gasket (mm)	Options		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4112FS	50	2"	2"	2"
FD-4113FS	75	3"	3"	3"
FD-4114FS	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)	Strainer Size	Water Way Area (mm ²)
125mm	3020 mm ²	150mm	3020 mm ²
Funnel Dia		100 mm	

Item	Material	Option
Body & Collar	Cast Iron (CI)	
Strainer & Funnel	Nickel Bronze (NB)	Stainless Steel (SS)
Finish	C.I Parts	Epoxy Coating
	NI-BR Strainer	Satin Finish
	SS Strainer	Polished



Indirect Waste Drain

Specification: FD-41100 series of indirect waste drains consist of a small sump cast iron body with bottom outlet, a reversible membrane flashing clamp with keyholes, three weep holes around the clamp, and an adjustable nickel bronze or stainless steel round strainer with oval funnel.

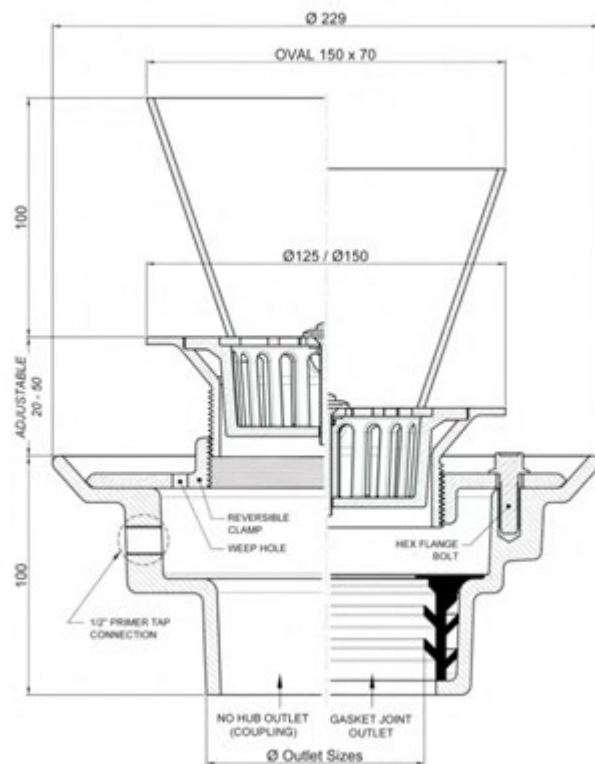
FD-41100



Model Number	Outlet Types			
	Gasket (mm)	Options		
		Gasket (inch)	Spigot (inch)	Threaded
FD-41120	50	2"	2"	2"
FD-41130	75	3"	3"	3"
FD-41140	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)	Strainer Size	Water Way Area (mm ²)
125mm	3020 mm ²	150mm	3020 mm ²
Funnel Dia	100 mm		

Item	Material	Option
Body & Collar	Cast Iron (CI)	
Strainer & Funnel	Nickel Bronze (NB)	Stainless Steel (SS)
Finish	C.I Parts	Epoxy Coating
	NI-BR Strainer	Polished
	SS Strainer	Satin Finish



Indirect Waste Drain

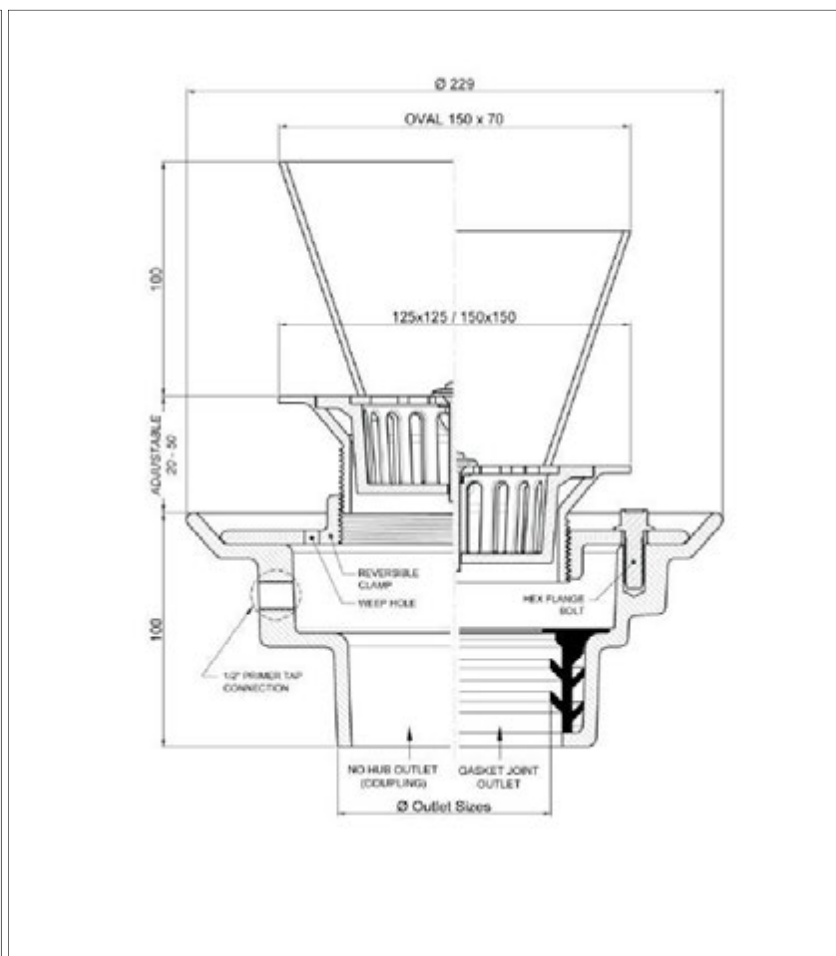
Specification: FD-41100S series of indirect waste drains consist of a small sump cast iron body with bottom outlet, a reversible membrane flashing clamp with keyholes, three weep holes around the clamp, and an adjustable nickel bronze or stainless steel square strainer with oval funnel.

FD-41100S

Model Number	Gasket (mm)	Outlet Types		
		Options		
		Gasket (inch)	Spigot (inch)	Threaded
FD-41120S	50	2"	2"	2"
FD-41130S	75	3"	3"	3"
FD-41140S	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)	Strainer Size	Water Way Area (mm ²)
125mm	3020 mm ²	150mm	3020 mm ²
Funnel Dia		100 mm	

Item	Material	Option
Body & Collar	Cast Iron	
Strainer & Funnel	Nickel Bronze	Stainless Steel
Finish	C.I Parts	Epoxy Coating
	NI-BR Strainer	Satin Finish
	SS Strainer	Polished



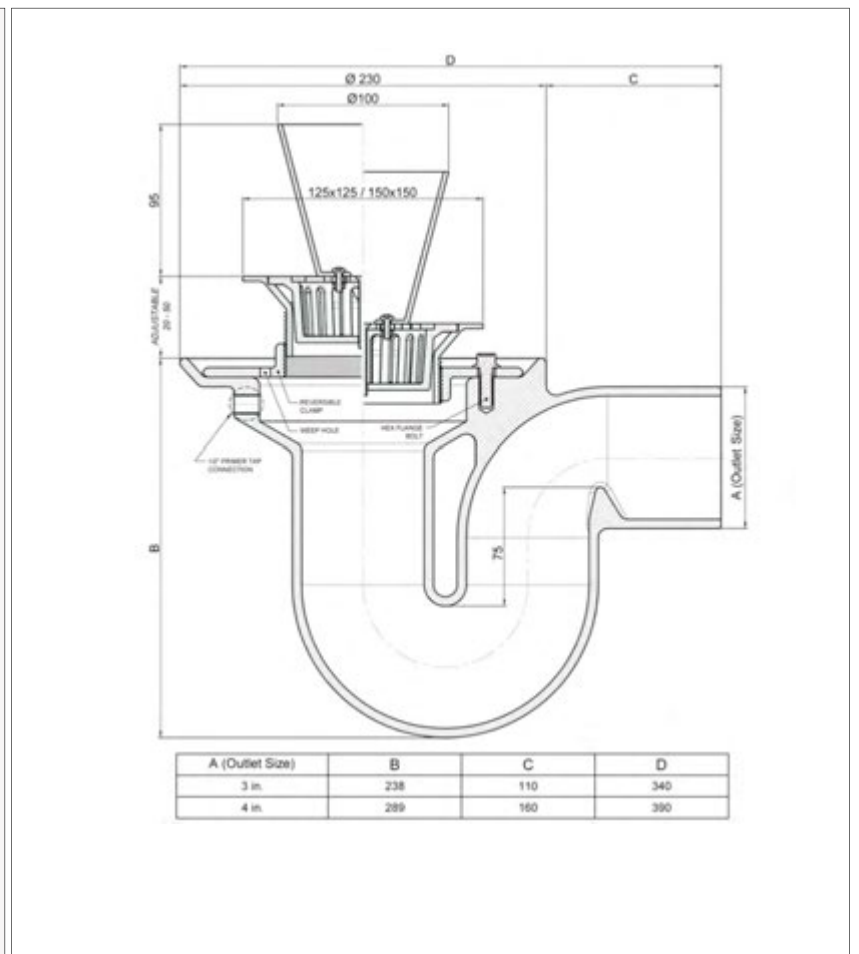
Indirect Waste Drain

Specification: FD-4140FS series of trap floor drains consist of a cast iron combined floor drain and trap seal with trap primer connection, a reversible flashing clamp with weep holes, and an adjustable nickel bronze or stainless steel square strainer with round funnel.

FD-4140FS



Model Number	Outlet & Inlet Type	Outlet Size	
		Inch	
FD-4143FS	No Hub	3"	
FD-4144FS	No Hub	4"	
Strainer Size	Water Way Area (mm ²)	Strainer Size	Water Way Area (mm ²)
125x125mm	3020 mm ²	150x150mm	3020 mm ²
Item	Material	Option	
Body & Collar	Cast Iron (CI)		
Collar	Cast Iron (CI)		
Strainer & Funnel	Nickel Bronze (NB)	Stainless steel (SS)	
Finish	C.I Parts	Epoxy Coating	Powder Coating
	Strainer	Satin Finish	Polished

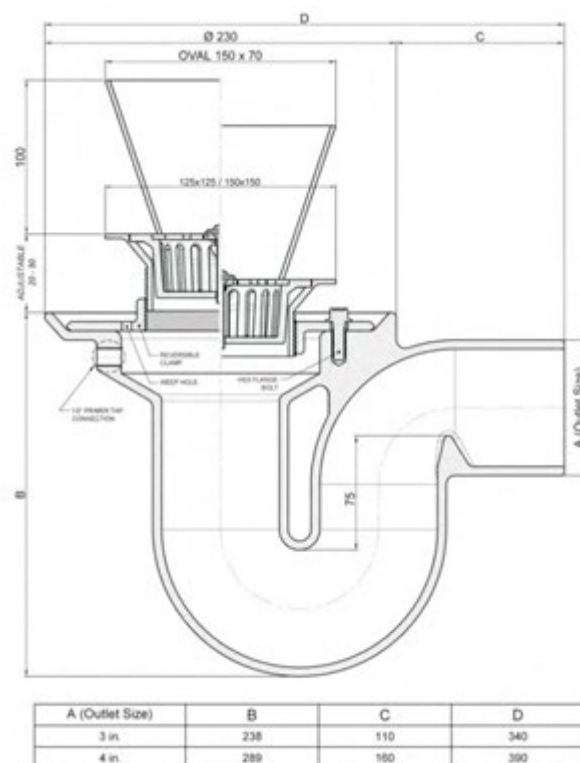


Indirect Waste Drain

Specification FD-4140OS series of trap floor drains consist of a cast combined floor drain and trap seal with trap primer connection, a reversible flashing clamp with weep holes, and an adjustable nickel bronze or stainless steel square strainer with oval funnel.

FD-4140OS

Model Number	Outlet & Inlet Type	Outlet Size	
		Inch	
FD-4143OS	No Hub	3"	
FD-4144OS	No Hub	4"	
Strainer Size	Water Way Area (mm ²)	Strainer Size	Water Way Area (mm ²)
125x125mm	3020 mm ²	150x150mm	3020 mm ²
Funnel Dia	100 mm		
Item	Material		Option
Body	Cast Iron (CI)		
Collar	Cast Iron (CI)		
Strainer & Funnel	Nickel Bronze (NB)		Stainless Steel (SS)
Finish	C.I Parts	Epoxy Coating	Powder Coating
	Strainer	Satin Finish	Polished



Adjustable Hub - Floor Drains

Specification: FD-4110H is Cast Iron adjustable hub suitable with FD-5010S series

FD-4110H (Hub)



Model Number	Outlet Type	
FD-4110H	Suitable with FD-5010 Series	
Item	Material	Option
Hub	Cast Iron	
Finish (C.I Parts)	Epoxy Coating	Powder Coating



CAST IRON HUB FUNNEL

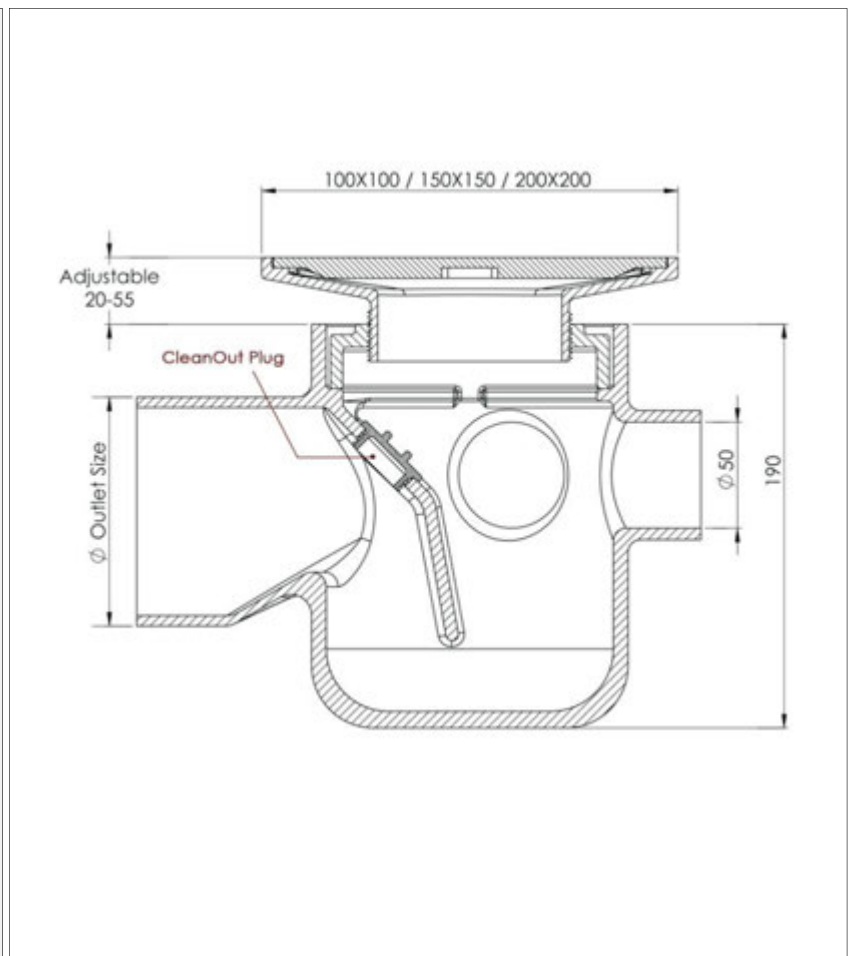
Finished Interior - Multi Inlet Floor Drain

Specification: FD-4130S series of multi inlet floor drains consist of a cast iron combined floor drain and integral trap seal with (3) 2 inch auxiliary inlets, a reversible supporting collar with weep holes, and an adjustable nickel bronze or stainless steel square strainer.

FD-4130S



Model Number	Outlet & Inlet Type	Outlet Size		Inlet Size (Inch)	
		Inch	Option mm		
FD-4133S	No Hub	3"	75	2"	
FD-4134S	No Hub	4"	110	2"	
Strainer Size		Water Way Area (mm ²)		Strainer Size	Water Way Area (mm ²)
100x100mm		2400 mm ²		150x150mm	8300 mm ²
200x200mm		14500 mm ²			
Item		Material		Option	
Body & Collar		Cast Iron (CI)			
Strainer		Nickel Bronze (NB)		Stainless Steel (SS)	
Finish	C.I Parts	Epoxy Coating		Powder Coating	
	NI-BR Strainer	Satin Finish		Polished	
	SS Strainer	Polished		Satin Finish	



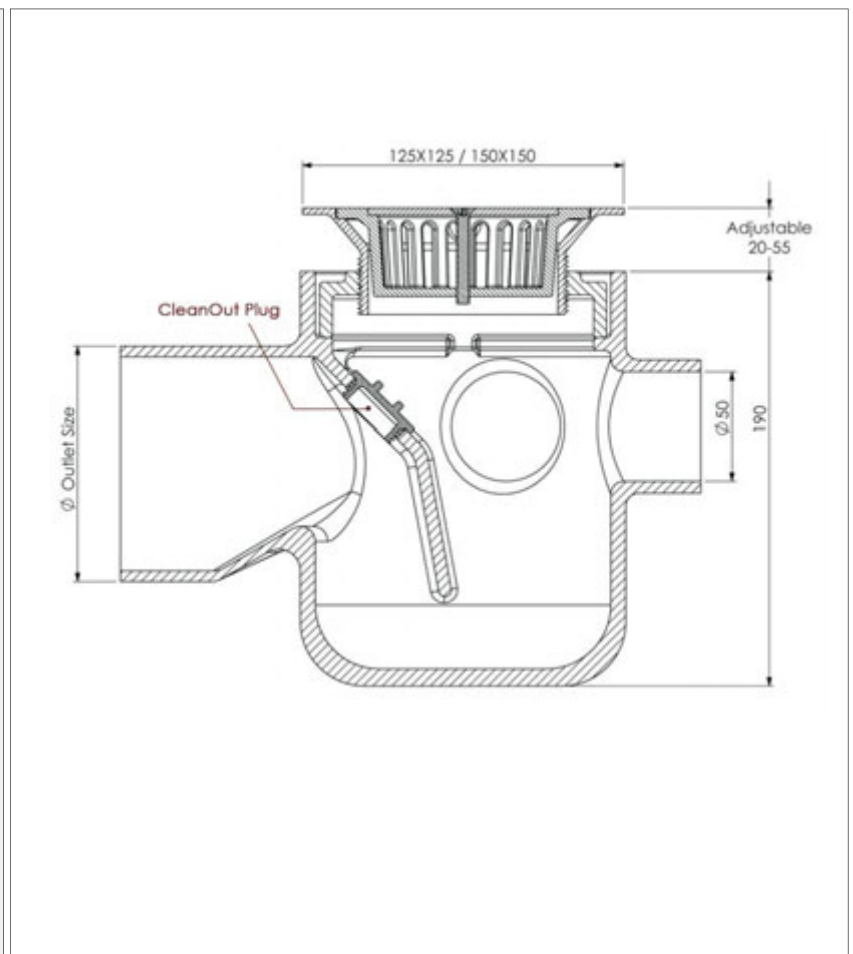
Finished Interior - Multi Inlet Floor Drain

Specification: FD-4130SB series of multi inlet floor drains consist of cast iron combined floor drain and integral trap seal with (3) 2 inch auxiliary inlets, a reversible supporting collar with weep holes, and an adjustable nickel bronze or stainless steel square strainer with bucket.

FD-4130SB



Model Number	Outlet & Inlet Type	Outlet Size		Inlet Size (Inch)
		Inch	Option mm	
FD-4133SB	No Hub	3"	75	2"
FD-4134SB	No Hub	4"	110	2"
Strainer Size		Water Way Area (mm ²)		
125x125mm		3020 mm ²		
Item		Material		Option
Body & Collar		Cast Iron (CI)		
Strainer		Nickel Bronze (NB)		Stainless Steel (SS)
Finish	C.I Parts	Epoxy Coating	Powder Coating	
	NI-BR Strainer	Satin Finish	Polished	
	SS Strainer	Polished	Satin Finish	



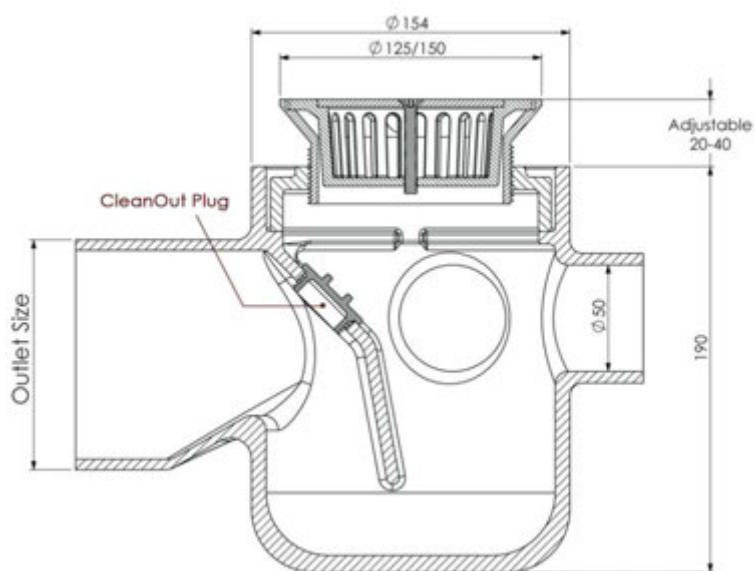
Finished Interior - Multi Inlet Floor Drain

Specification: FD-4130RB series of multi inlet floor drain consist of a cast iron combined floor drain and integral trap seal with (3) 2 inch auxiliary inlets, a reversible supporting collar with weep holes, and an adjustable nickel bronze or stainless steel round strainer with bucket.

FD-4130RB



Model Number	Outlet & Inlet Type	Outlet Size		Inlet Size (Inch)
		Inch	Option mm	
FD-4133RB	No Hub	3"	75	2"
FD-4134RB	No Hub	4"	110	2"
Strainer Size		Water Way Area (mm ²)		
125mm		3020 mm ²		
Item		Material		Option
Body & Collar		Cast Iron (CI)		
Strainer		Nickel Bronze (NB)		Stainless Steel (SS)
Finish	C.I Parts	Epoxy Coating		Powder Coating
	NI-BR Strainer	Satin Finish		Polished
	SS Strainer	Polished		Satin Finish



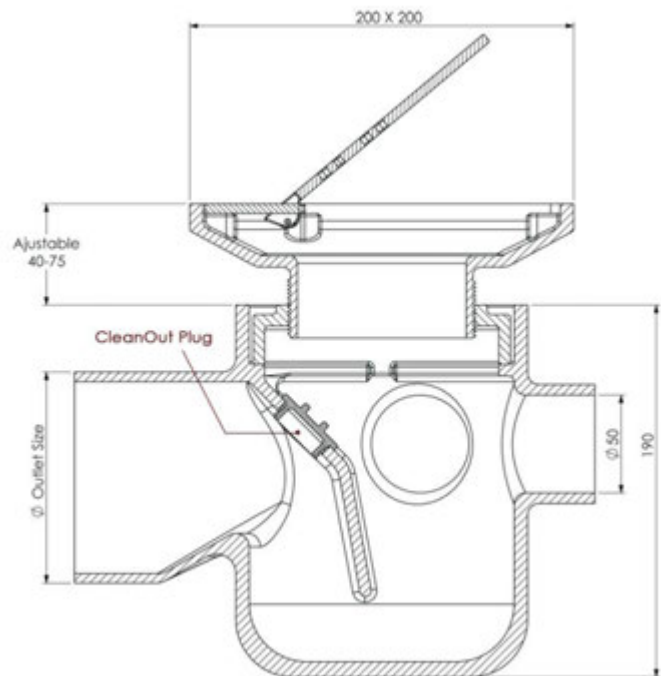
Finished Interior - Multi Inlet Floor Drain

Specification: FD-4130SH series of multi inlet floor drains consist of a cast iron combined floor drain and integral trap seal with (3) 2 inch auxiliary inlets, a reversible supporting collar with weep holes, and an adjustable nickel bronze square hinged strainer.

FD-4130SH



Model Number	Outlet & Inlet Type	Outlet Size		Inlet Size (Inch)
		Inch	Option mm	
FD-4133SH	No Hub	3"	75	2"
FD-4134SH	No Hub	4"	110	2"
Strainer Size		Water Way Area (mm ²)		
200x200mm		16483 mm ²		
Item	Material		Option	
Body & Collar	Cast Iron (CI)			
Collar	Cast Iron (CI)			
Strainer	Nickel Bronze (NB)			
Finish	C.I Parts	Epoxy Coating	Powder Coating	
	Strainer	Satin Finish	Polished	



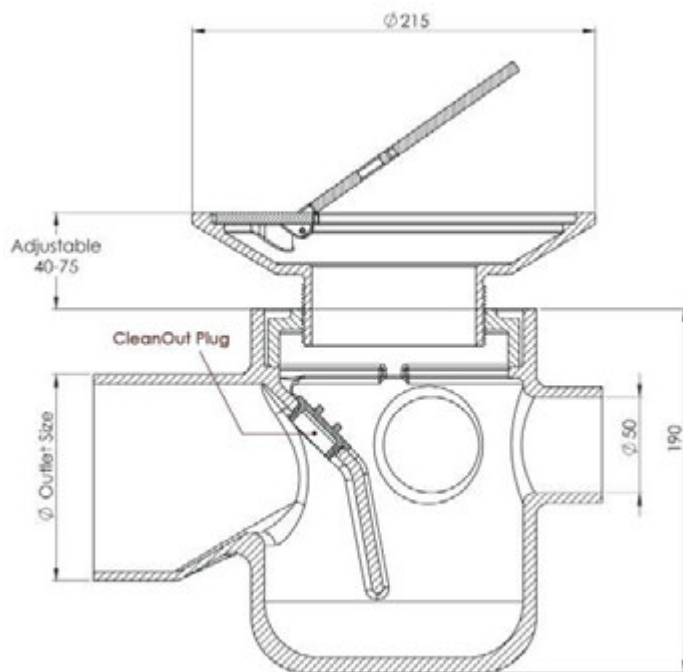
Finished Interior - Multi Inlet Floor Drain

Specification: FD-4130RH series of multi inlet floor drains consist of a cast iron combined floor drain and integral trap seal with (3) 2 inch auxiliary inlets, a reversible supporting collar with weep holes, and an adjustable nickel bronze round hinged strainer.

FD-4130RH



Model Number	Outlet & Inlet Type	Outlet Size		Inlet Size (Inch)
		Inch	Option mm	
FD-4133RH	No Hub	3"	75	2"
FD-4134RH	No Hub	4"	110	2"
Strainer Size		Water Way Area (mm ²)		
215mm		17947 mm ²		
Item		Material		Option
Body		Cast Iron (CI)		
Collar		Cast Iron (CI)		
Strainer		Nickel Bronze (NB)		
Finish	C.I Parts	Epoxy Coating	Powder Coating	
	Strainer	Satin Finish	Polished	



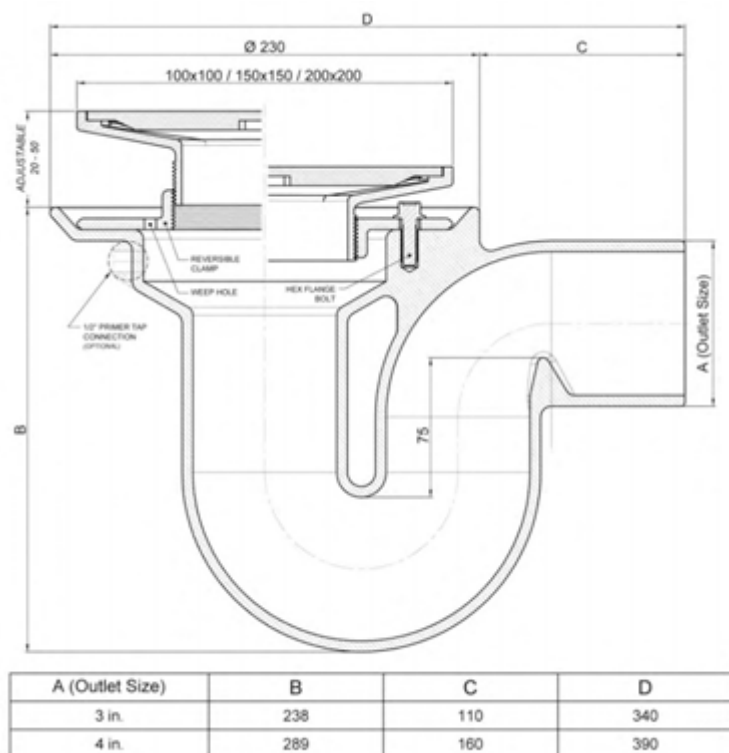
Finished Interior - Trap Floor Drain

Specification: FD-4140S series of trap floor drains consist of a cast iron combined floor drain and trap seal with trap primer connection, a reversible flashing clamp with weep holes, and an adjustable nickel bronze or stainless steel square strainer.

FD-4140S



Model Number	Outlet & Inlet Type	Outlet Size	
		Inch	
FD-4143S	No Hub	3"	
FD-4144S	No Hub	4"	
Strainer Size		Water Way Area (mm ²)	Strainer Size
100x100mm		2400 mm ²	150x150mm
200x200mm		14500 mm ²	
Item		Material	Option
Body & Collar		Cast Iron (CI)	
Collar		Cast Iron (CI)	
Strainer		Nickel Bronze (NB)	Stainless steel (SS)
Finish	C.I Parts	Epoxy Coating	Powder Coating
	Strainer	Satin Finish	Polished



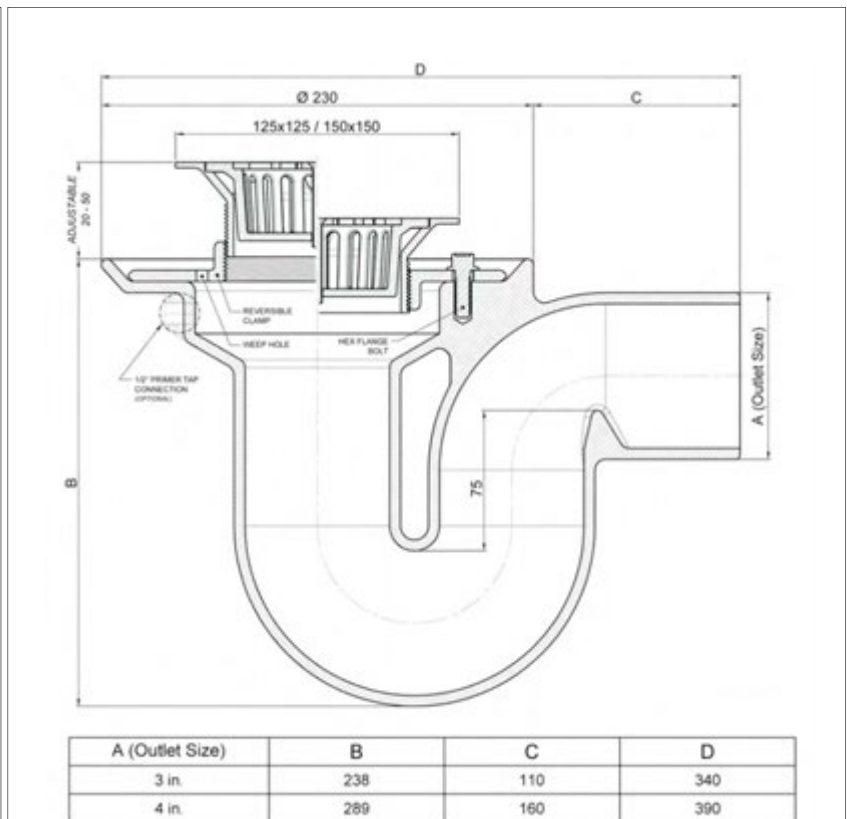
Finished Interior - Trap Floor Drain

Specification: FD-4140SB series of trap floor drains consist of a cast iron combined floor drain and trap seal with trap primer connection, a reversible flashing clamp with weep holes, and an adjustable nickel bronze or stainless steel square strainer with bucket.

FD-4140SB



Model Number	Outlet & Inlet Type	Outlet Size	
		Inch	
FD-4143SB	No Hub	3"	
FD-4144SB	No Hub	4"	
Strainer Size	Water Way Area (mm ²)	Strainer Size	Water Way Area (mm ²)
125mm	3020 mm ²	150mm	3020 mm ²
Item	Material	Option	
Body & Collar	Cast Iron (CI)		
Collar	Cast Iron (CI)		
Strainer	Nickel Bronze (NB)	Stainless Steel (SS)	
Finish	C.I Parts	Epoxy Coating	Powder Coating
	Strainer	Satin Finish	Polished



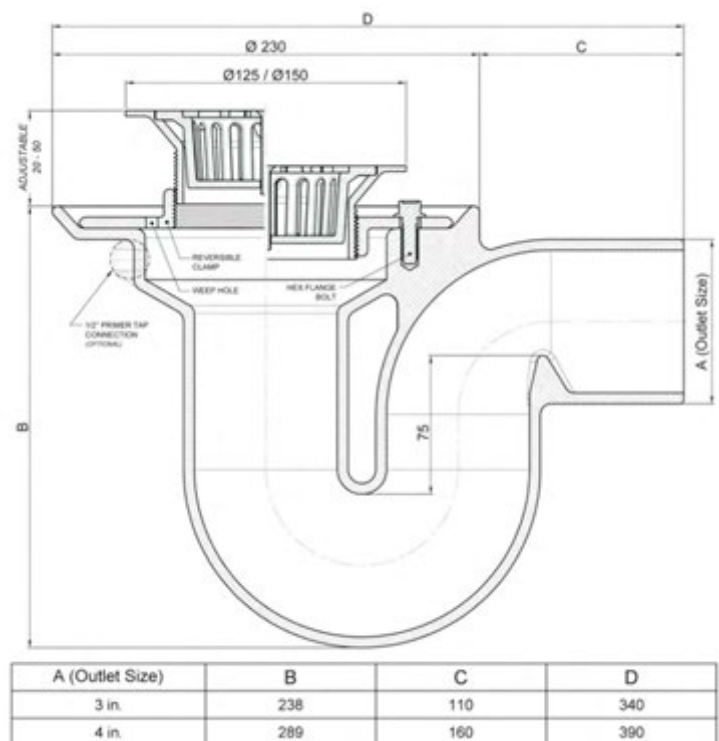
Finished Interior - Trap Floor Drain

Specification FD-4140RB series of trap floor drains consist of a cast combined floor drain and trap seal with trap primer connection, a reversible flashing clamp with weep holes, and an adjustable nickel bronze or stainless steel round strainer with bucket.

FD-4140RB



Model Number	Outlet & Inlet Type	Outlet Size	
		Inch	
FD-4143RB	No Hub	3"	
FD-4144RB	No Hub	4"	
Strainer Size	Water Way Area (mm ²)	Strainer Size	Water Way Area (mm ²)
125mm	3020 mm ²	150mm	3020 mm ²
Item	Material	Option	
Body	Cast Iron (CI)		
Collar	Cast Iron (CI)		
Strainer	Nickel Bronze (NB)	Stainless Steel (SS)	
Finish	C.I Parts	Epoxy Coating	Powder Coating



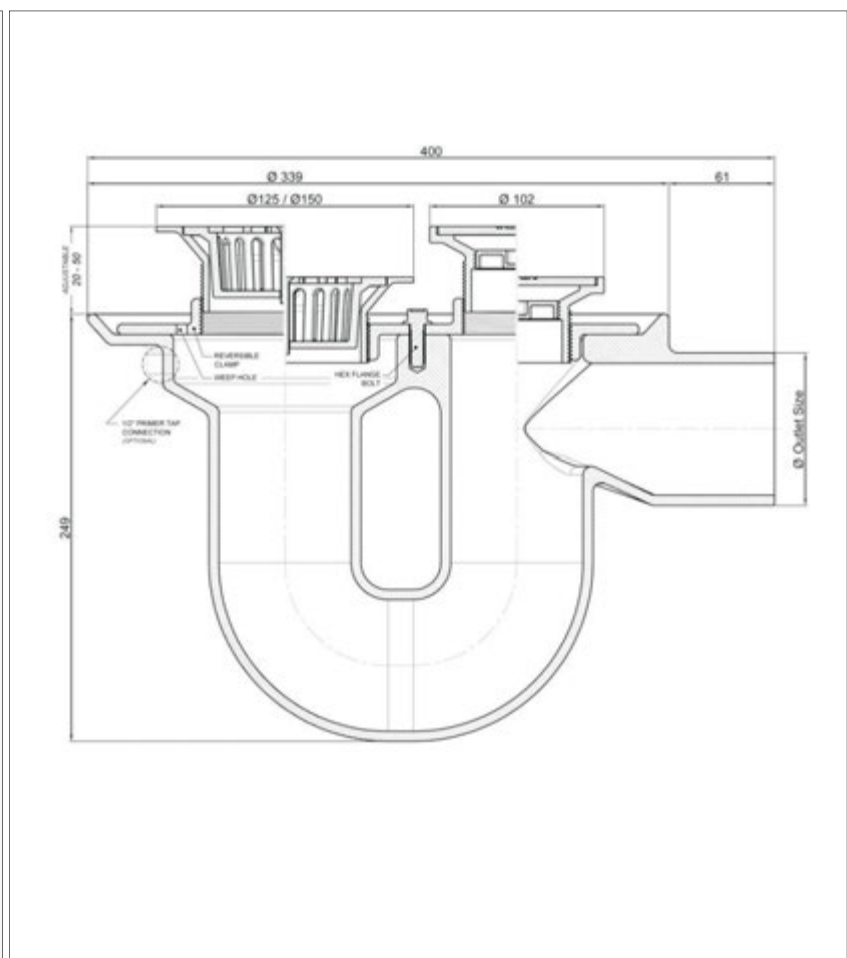
Trap Floor Drain with Cleanout

Specification: FD-4150RB series of trap floor drains consist of a cast iron combined floor drain and trap seal with trap primer connection, a reversible flashing clamp with weep holes, and an adjustable nickel bronze or stainless steel round floor cleanout round strainer with bucket.

FD-4150RB



Model Number	Outlet & Inlet Type	Outlet Size		Inlet Size (Inch)
		Inch	Option mm	
FD-4153RB	No Hub	3"	75	2"
Strainer Size	Water Way Area (mm ²)	Strainer Size	Water Way Area (mm ²)	
100mm	3000 mm ²	150mm	3000 mm ²	
Item		Material	Option	
Body & Collar		Cast Iron (CI)		
Strainer		Nickel Bronze (NB)	Stainless Steel (SS)	
Cleanout Top		Nickel Bronze (NB)	Stainless Steel (SS)	
Finish	C.I Parts	Epoxy Coating	Powder Coating	
	Strainer	Satin Finish	Polished	



Area Drain

Specification: FD-4170S series of floor and area drains consist of a small sump cast iron body with bottom outlet, a combined membrane flashing clamp and round frame, optional seepage openings (when used as floor drain), and an adjustable square strainer.

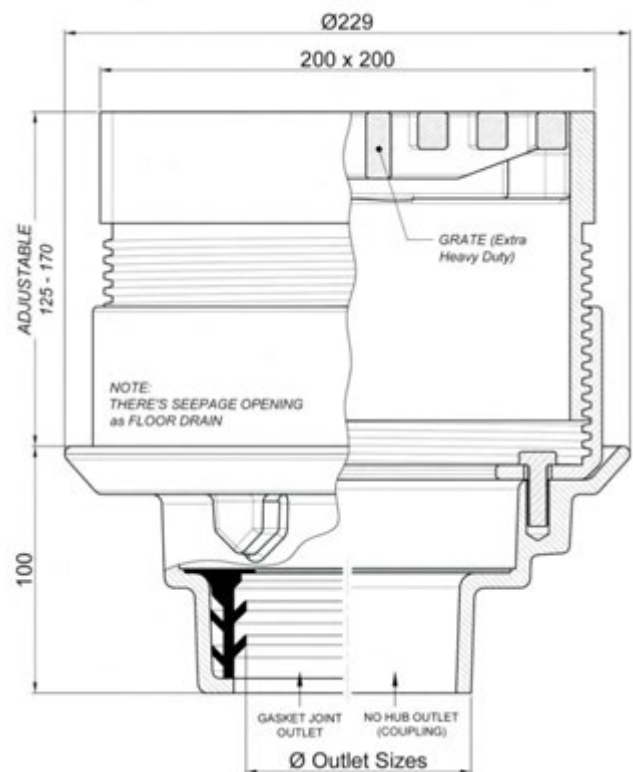
FD-4170S



Model Number	Outlet Types			
	Gasket (mm)	Options		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4172S	50	2"	2"	2"
FD-4173S	75	3"	3"	3"
FD-4174S	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)	Loading Capacity	
200x200mm	17300 mm ²	Heavy Duty	Extra Heavy Duty

Item	Material	Option
Body	Cast Iron (CI)	
Clamp & Frame	Cast Iron (CI)	
Grate	Ductile Iron (DI)	Cast Iron (CI)
Finish	C.I Parts	Epoxy Coating
	Strainer	Epoxy Coating
		Powder Coating



Area Drain

Specification: FD-4170SB series of floor and area drains consist of a small sump cast iron body with bottom outlet, a combined membrane flashing clamp and round frame, a sediment bucket, optional seepage openings (when used as floor drain), and an adjustable square strainer.

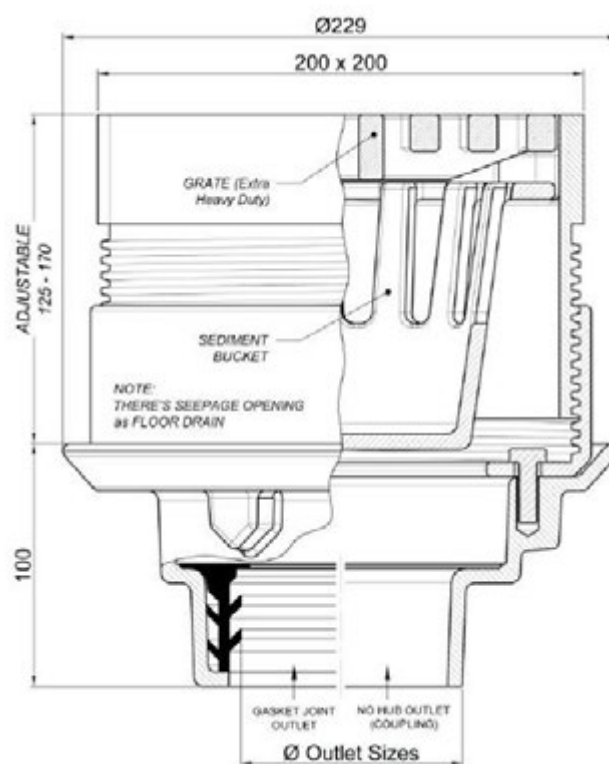
FD-4170SB



Model Number	Gasket (mm)	Outlet Types		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4172SB	50	2"	2"	2"
FD-4173SB	75	3"	3"	3"
FD-4174SB	110	4"	4"	4"

Grate Size	Water Way Area (mm ²)	Loading Capacity	
200x200mm	17300mm ²	Heavy Duty	

Item	Material	Option
Body & Clamp	Cast Iron (CI)	
Frame & Bucket	Cast Iron (CI)	
Grate	Ductile Iron (DI)	Cast Iron (CI)
Finish	C.I Parts	Epoxy Coating
	Grate	Epoxy Coating
		Powder Coating



Area Drain

Specification: FD-4170R series of floor and area drains consist of small sump cast iron body with bottom outlet, a combined membrane flashing clamp and round frame, optional seepage openings (when used as floor drain), and an adjustable round strainer.

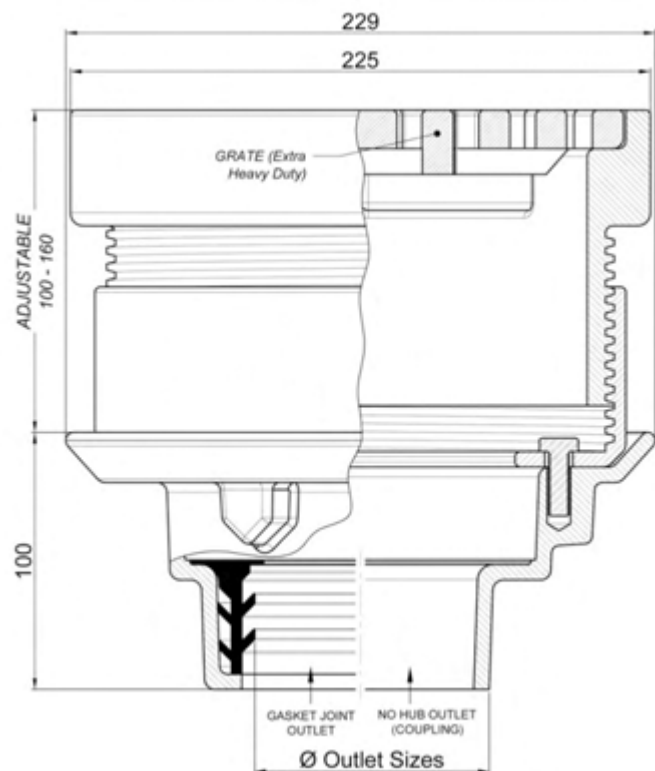
FD-4170R



Model Number	Outlet Types			
	Gasket (mm)	Options		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4172R	50	2"	2"	2"
FD-4173R	75	3"	3"	3"
FD-4174R	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)	Loading Capacity	
225mm	17100 mm ²	Heavy Duty	

Item	Material	Option
Body	Cast Iron (CI)	
Clamp & Frame	Cast Iron (CI)	
Grate	Ductile Iron (DI)	Cast Iron (CI)
Finish	C.I Parts	Epoxy Coating
	Grate	Epoxy Coating
		Powder Coating



Area Drain

Specification: FD-4170RB series of floor and area drains consist of a small sump cast iron body with bottom outlet, a combined membrane flashing clamp and round frame, a sediment bucket, optional seepage openings (when used as floor drain), and an adjustable round strainer.

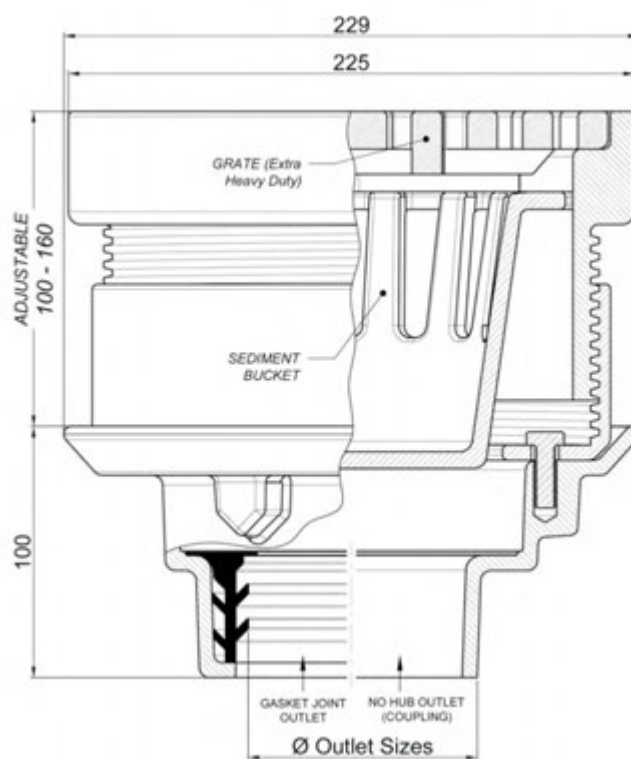
FD-4170RB



Model Number	Gasket (mm)	Outlet Types		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4172RB	50	2"	2"	2"
FD-4173RB	75	3"	3"	3"
FD-4174RB	110	4"	4"	4"

Grate Size	Water Way Area (mm ²)	Loading Capacity	
225mm	17300mm ²	Heavy Duty	

Item	Material	Option
Body & Clamp	Cast Iron (CI)	
Frame & Bucket	Cast Iron (CI)	
Grate	Ductile Iron (DI)	Cast Iron (CI)
Finish	C.I Parts	Epoxy Coating
	Grate	Epoxy Coating
		Powder Coating
		Powder Coating



Area Drain

Specification: FD-4180R series of floor and area drains consist of a large sump cast iron body with bottom outlet, a cast iron collar (serves as flange or flashing collar according to function), optional seepage openings (when used as floor drain) with round grate.

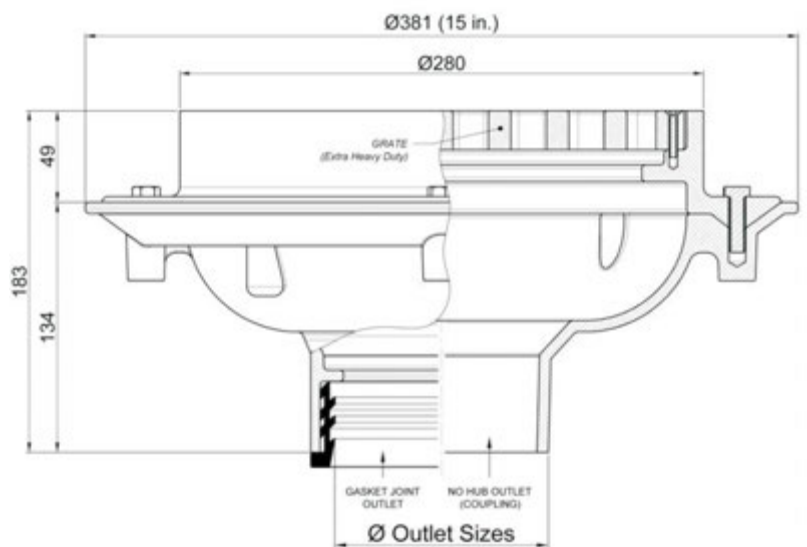
FD-4180R



Model Number		Outlet Type	Outlet Size	
			mm	Inch
FD-4183R		Gasket	75 mm	3"
FD-4184R		Gasket	110 mm	4"
FD-4186R		Gasket	160 mm	6"

Grate Size	Water Way Area (mm ²)	Loading Capacity	
280mm	23500 mm ²	Heavy Duty	

Item	Material	Option
Body	Cast Iron (CI)	
Clamp	Cast Iron (CI)	
Grate	Ductile Iron (DI)	Cast Iron (CI)
Finish	C.I Parts	Epoxy Coating
	Grate	Epoxy Coating
		Powder Coating



Area Drain

Specification: FD-4180RB series of floor and area drains consist of a large sump cast iron body with bottom outlet, a cast iron collar (serves as flange or flashing collar according to function), a sediment bucket, optional seepage openings (when used as floor drain) with round grate.

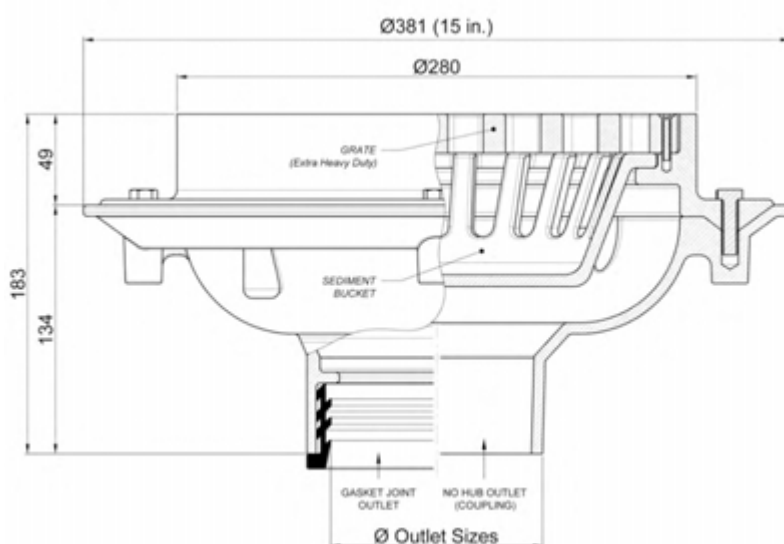
FD-4180RB



Model Number		Outlet Type	Outlet Size	
			mm	Inch
FD-4183RB		Gasket	75 mm	3"
FD-4184RB		Gasket	110 mm	4"
FD-4186RB		Gasket	160 mm	6"

Grate Size	Water Way Area (mm ²)	Loading Capacity	
280mm	23500 mm ²	Heavy Duty	

Item	Material	Option
Body	Cast Iron (CI)	
Clamp & Bucket	Cast Iron (CI)	
Grate	Ductile Iron (DI)	Cast Iron (CI)
Finish	C.I Parts	Epoxy Coating
	Grate	Epoxy Coating
		Powder Coating



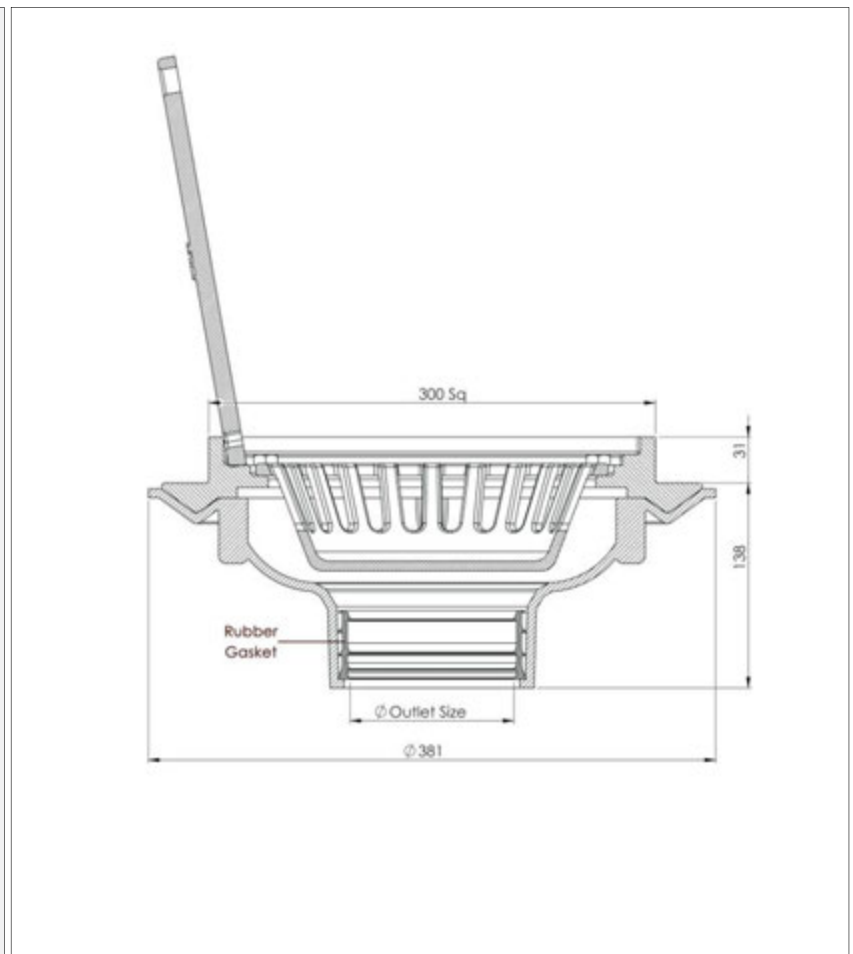
Area Drain

Specification: FD-4180SB series of area drains consist of cast iron large sump body with gasket type bottom outlet, membrane clamp, bucket and square ductile iron hinged grate.

FD-4180SB



Model Number		Outlet Type	Outlet Size (mm)
FD-4183SB		Gasket	75 mm
FD-4184SB		Gasket	110 mm
FD-4186SB		Gasket	160 mm
Grate Size	Water Way Area (mm ²)	Loading Capacity	
300mm	32000 mm ²	Heavy Duty	
Item	Material	Option	
Body	Cast Iron		
Clamp & Bucket	Cast Iron		
Grate	Ductile Iron	Cast Iron	
Finish	C.I Parts	Epoxy Coating	Powder Coating
	Grate	Epoxy Coating	Powder Coating



Area Drain

Specification: FD-4210S series of floor and area drains consist of a deep sump cast iron body with bottom outlet, a combined membrane flashing clamp and round frame, optional seepage openings (when used as floor drain), and an adjustable square strainer.

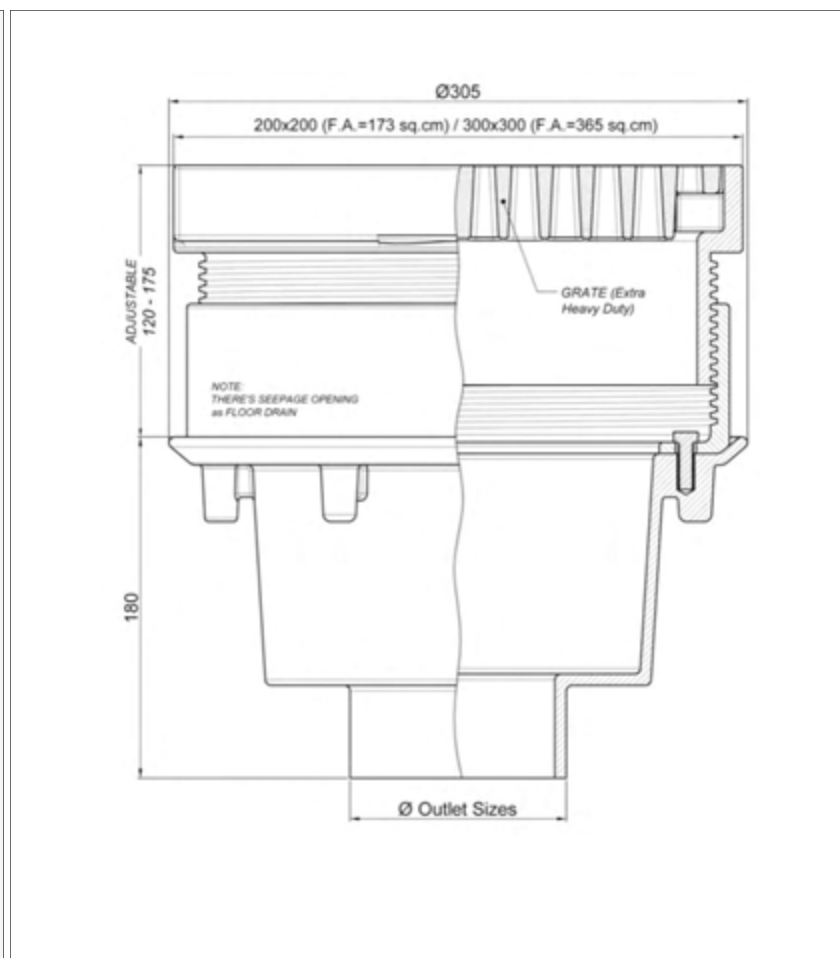
FD-4210S



Model Number	Outlet Types		
	Gasket (mm)	Options	
		Gasket (inch)	Spigot (inch)
FD-4212S	50	2"	2"
FD-4213S	75	3"	3"
FD-4214S	110	4"	4"
FD-4216S	160	6"	6"

Grate Size	Water Way Area (mm ²)	Loading Capacity	
300x300mm	36500mm ²	Heavy Duty	Extra Heavy Duty

Item	Material	Option
Body & Clamp	Cast Iron (CI)	
Frame & Bucket	Cast Iron (CI)	
Grate	Ductile Iron (DI)	Cast Iron (CI)
Finish	C.I Parts	Epoxy Coating
	Grate	Epoxy Coating
		Powder Coating
		Powder Coating



Area Drain

Specification: FD-4210SB series of floor and area drains consist of a deep sump cast iron body with bottom outlet, a combined membrane flashing clamp and round frame, a sediment bucket, optional seepage openings (when used as floor drain), and an adjustable square strainer.

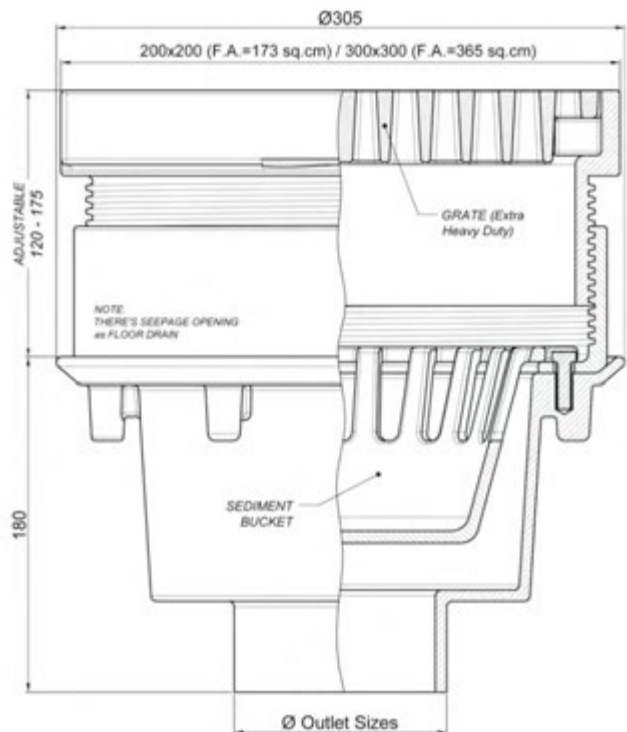
FD-4210SB



Model Number	Outlet Types		
	Gasket (mm)	Options	
		Gasket (inch)	Spigot (inch)
FD-4212SB	50	2"	2"
FD-4213SB	75	3"	3"
FD-4214SB	110	4"	4"
FD-4216SB	160	6"	6"

Strainer Size	Water Way Area (mm ²)	Loading Capacity	
300x300mm	36500 mm ²	Heavy Duty	Extra Heavy Duty

Item	Material	Option
Body	Cast Iron (CI)	
Clamp & Frame	Cast Iron (CI)	
Grate	Ductile Iron (DI)	Cast Iron (CI)
Finish	C.I Parts	Epoxy Coating
	Strainer	Epoxy Coating
		Powder Coating
		Powder Coating



Area Drain

Specification: FD-4210R series of floor and area drains consist of a deep sump cast iron body with bottom outlet, a combined membrane flashing clamp and round frame, optional seepage openings (when used as floor drain), and an adjustable round strainer.

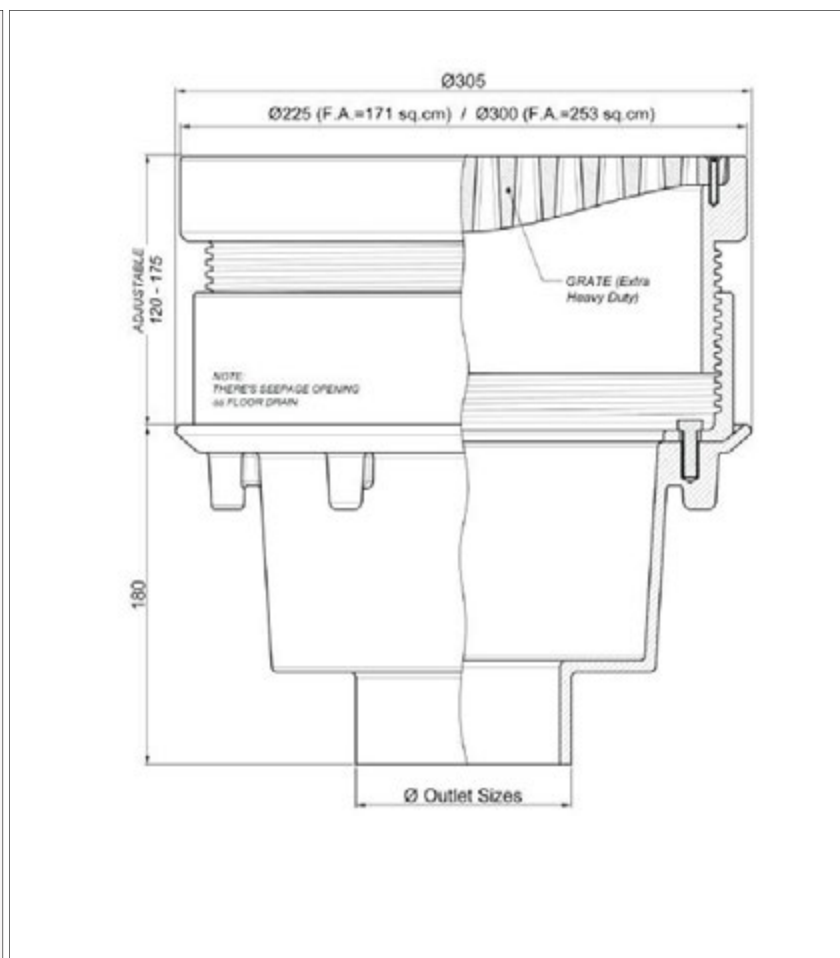
FD-4210R



Model Number	Gasket (mm)	Outlet Types	
		Gasket (inch)	Spigot (inch)
FD-4212R	50	2"	2"
FD-4213R	75	3"	3"
FD-4214R	110	4"	4"
FD-4216R	160	6"	6"

Grate Size	Water Way Area (mm ²)	Loading Capacity	Loading Capacity
225 dia	17100mm ²	Heavy Duty	Extra Heavy Duty
300 dia	25300mm ²	Heavy Duty	Extra Heavy Duty

Item	Material	Option
Body & Clamp	Cast Iron (CI)	
Frame & Bucket	Cast Iron (CI)	
Grate	Ductile Iron (DI)	Cast Iron (CI)
Finish	C.I Parts	Epoxy Coating
	Grate	Epoxy Coating
		Powder Coating



Area Drain

Specification: FD-4210RB series of floor and area drains consist of a deep sump cast iron body with bottom outlet, a combined membrane flashing clamp and round frame, a sediment bucket, optional seepage openings (when used as floor drain), and an adjustable round strainer.

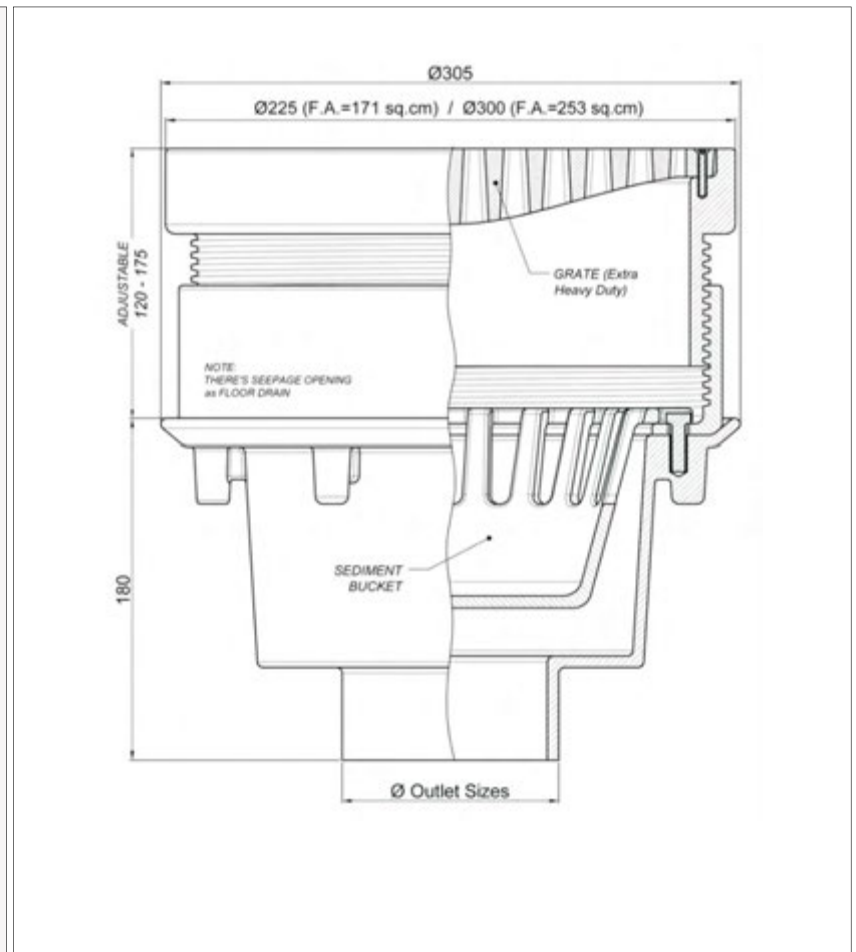
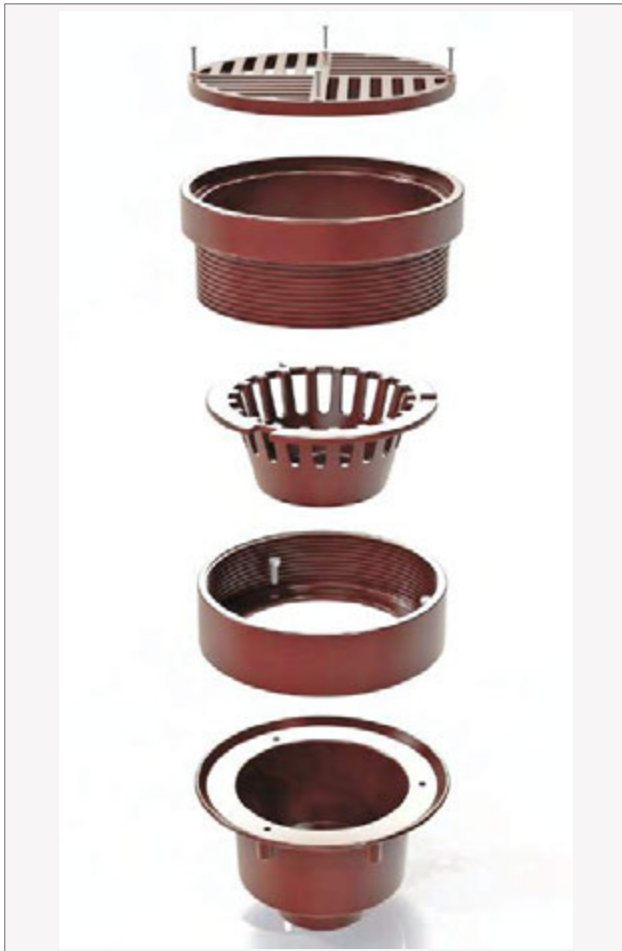
FD-4210RB



Model Number	Outlet Types		
	Gasket (mm)	Options	
		Gasket (inch)	Spigot (inch)
FD-4212RB	50	2"	2"
FD-4213RB	75	3"	3"
FD-4214RB	110	4"	4"
FD-4216RB	160	6"	6"

Strainer Size	Water Way Area (mm ²)	Loading Capacity	
225 dia	17100 mm ²	Heavy Duty	Extra Heavy Duty
300 dia	25300 mm ²	Heavy Duty	Extra Heavy Duty

Item	Material	Option
Body	Cast Iron (CI)	
Clamp & Frame	Cast Iron (CI)	
Grate	Ductile Iron (DI)	Cast Iron (CI)
Finish	C.I Parts	Epoxy Coating
	Strainer	Epoxy Coating
		Powder Coating



Area Drain - Deep Sump

Specification: FD-4160D series of area drains with vertical outlet consist of a cast iron body with sediment bucket and ductile iron hinged grate.

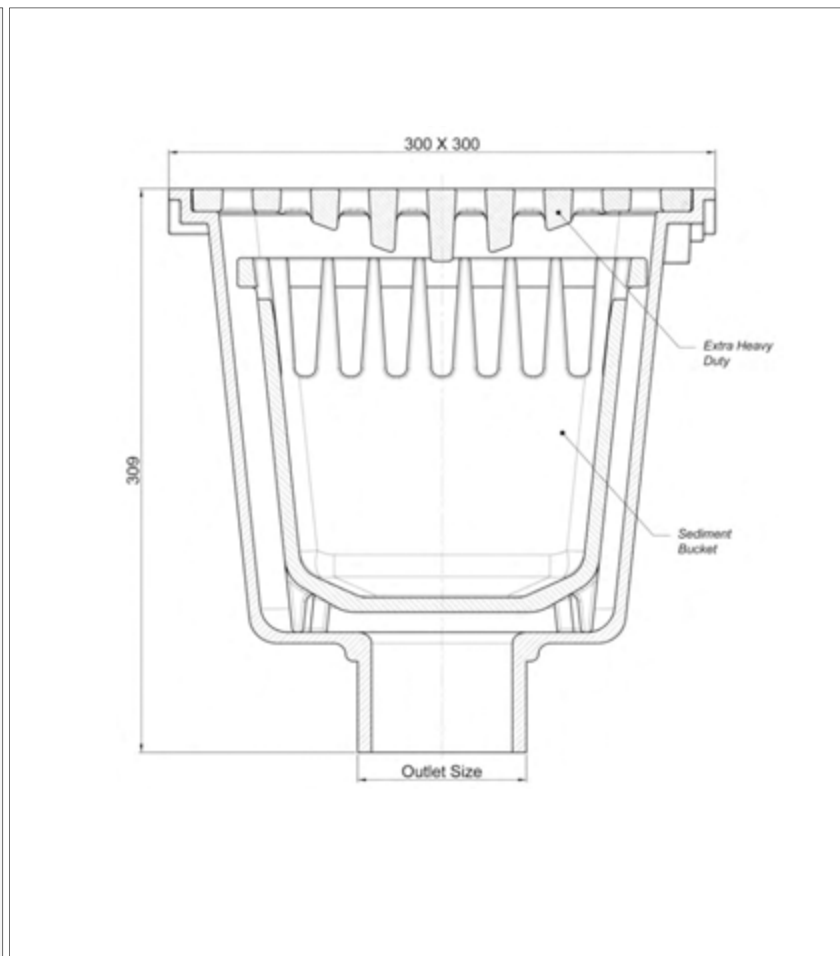
FD-4160D



Model Number		Outlet Type	Outlet Size (mm)
FD-4164D		No Hub	110 mm
FD-4166D		No Hub	160 mm

Grate Size	Water Way Area (mm ²)	Loading Capacity	
300 x 300mm	22700 mm ²	Heavy Duty	Extra Heavy Duty

Item	Material	Option
Body	Cast Iron (CI)	
Bucket	Cast Iron (CI)	
Grate	Ductile Iron (DI)	Cast Iron (CI)
Finish	C.I Parts	Epoxy Coating
		Powder Coating



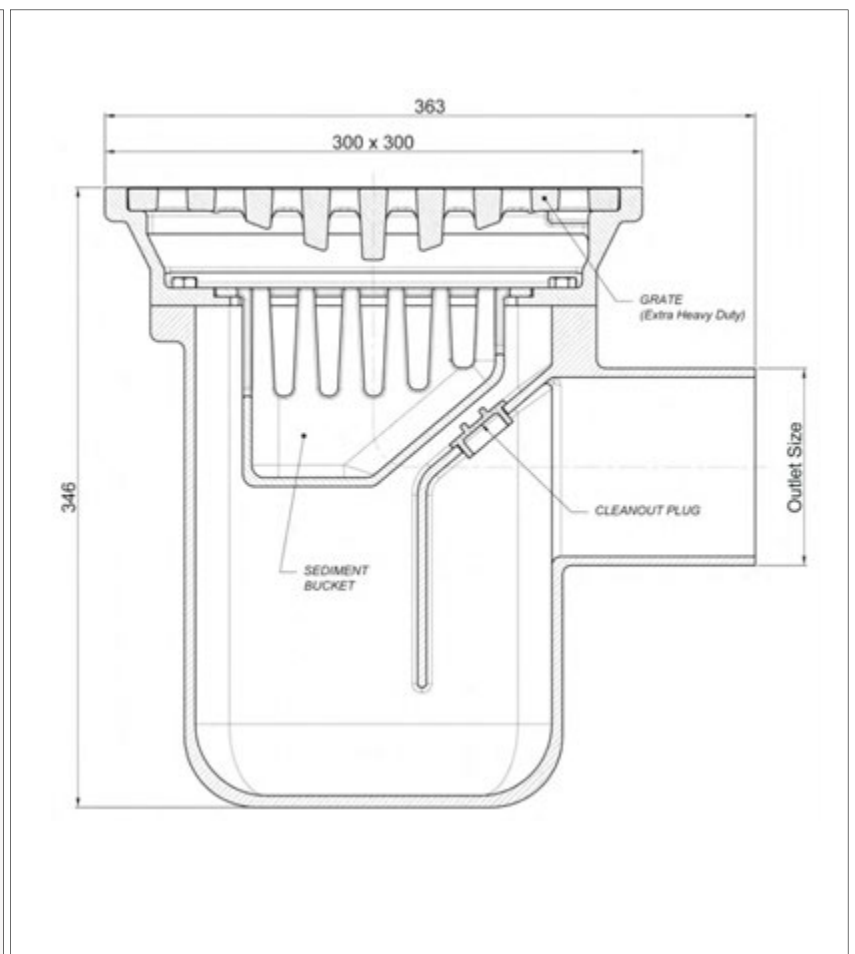
Area Drain - Deep Sump

Specification: FD-4160DH series of area drains consist of cast iron body with "P" trap and PVC cleanout plug, sediment bucket with ductile iron hinged grate.

FD-4160DH



Model Number		Outlet Type	Outlet Size (mm)	
FD-4164DH		No Hub	110	
FD-4166DH		No Hub	160	
Strainer Size		Water Way Area (mm ²)	Loading Capacity	
300mm		22700mm ²	Heavy Duty	Extra Heavy Duty
Item		Material	Option	
Body		Cast Iron (CI)		
Bucket & Frame		Cast Iron (CI)		
Grate		Ductile Iron (DI)	Cast Iron (CI)	
Finish	C.I Parts	Epoxy Coating	Powder Coating	



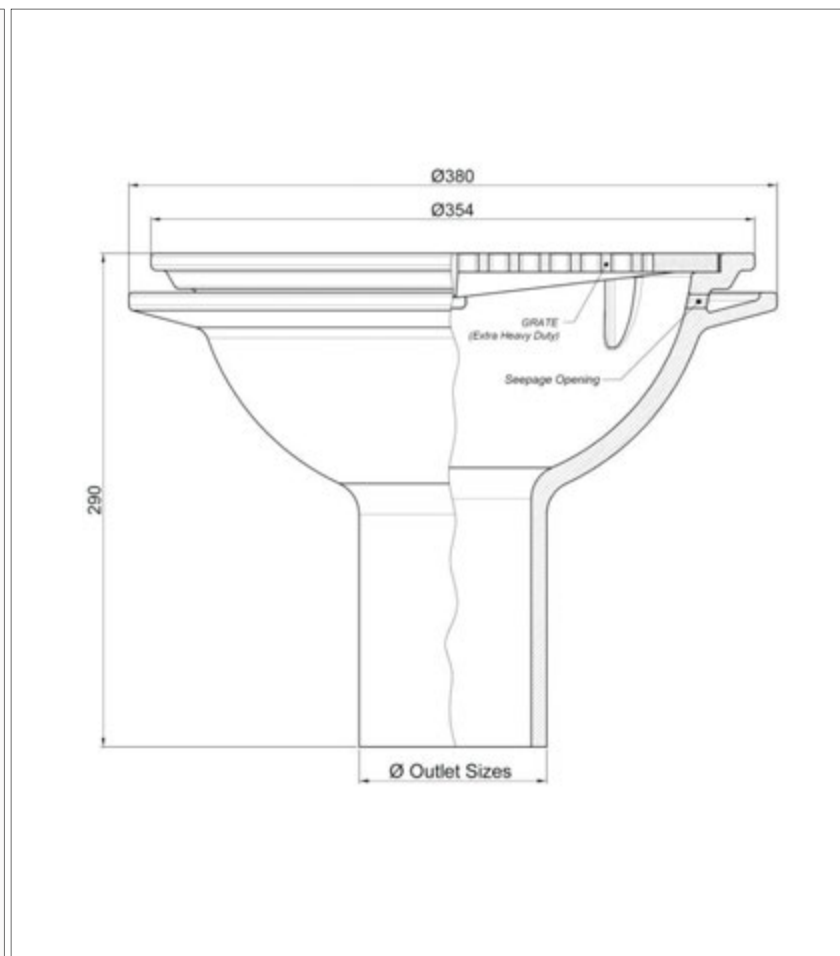
Area Drains - Large Sump

Specification: FD-4220V series of area drains consist of a large sump cast iron body with bottom outlet and anchor flange, an extra heavy duty grate, and seepage openings.

FD-4220V



Model Number		Outlet Type	Outlet Size (Inch)
FD-4224V		No Hub	4"
Strainer Size	Water Way Area (mm ²)	Loading Capacity	
310mm	22000 mm ²	Heavy Duty	
Item	Material	Option	
Body	Cast Iron (CI)		
Grate	Cast Iron (CI)	Ductile Iron (DI)	
Finish	C.I Parts	Epoxy Coating	Powder Coating



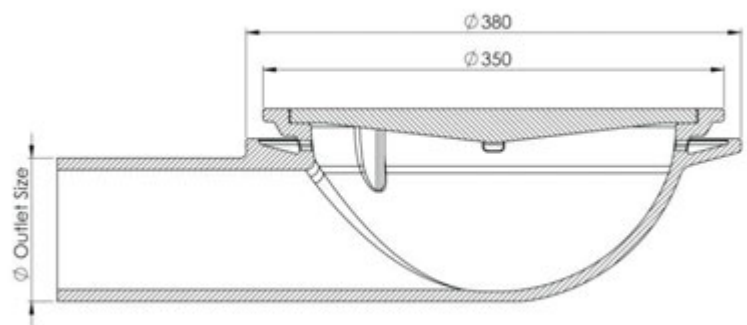
Area Drain - Large Sump

Specification: FD-4220H series of area drains consist of a large sump cast iron body with side outlet and anchor flange, an extra heavy duty grate, and seepage openings.

FD-4220H



Model Number		Outlet Type	Outlet Size (Inch)
FD-4224H		No Hub	4"
Strainer Size	Water Way Area (mm ²)	Loading Capacity	
310mm	22000mm ²	Heavy Duty	
Item	Material	Option	
Body	Cast Iron (CI)		
Grate	Ductile Iron (DI)	Cast Iron (CI)	
Finish	C.I Parts	Epoxy Coating	Powder Coating



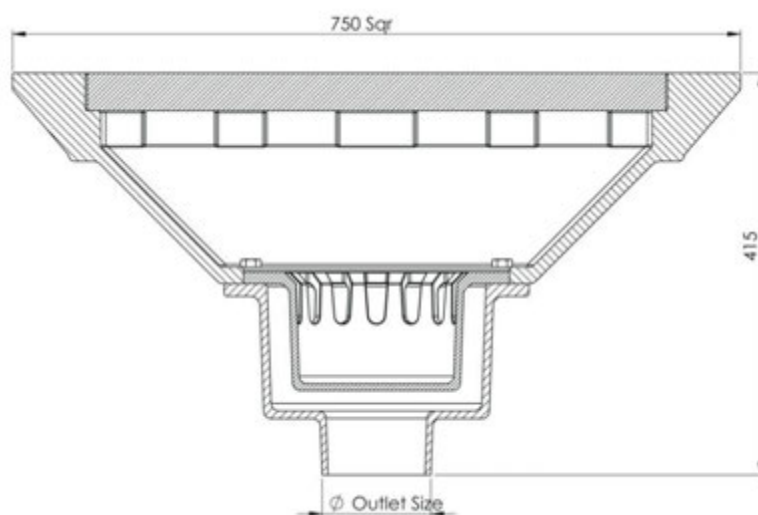
Area Drains - Large Sump

Specification: FD-4230 series of drains consist of a cast iron large sump body with no hub bottom outlet, sediment bucket, and ductile iron grate.

FD-4230



Model Number		Outlet Type	Outlet Size (Inch)	
FD-4234		No Hub	4"	
FD-4236		No Hub	6"	
Grate Size	Water Way Area (mm ²)		Loading Capacity	
750x750mm	130000mm ²		Heavy Duty	Extra Heavy Duty
Item	Material		Option	
Body	Cast Iron (CI)			
Bucket	Cast Iron (CI)			
Grate	Ductile Iron (DI)		Cast Iron (CI)	
Finish	C.I Parts	Black Bitumin	Epoxy Coating	
	Grate	Black Bitumin	Epoxy Coating	



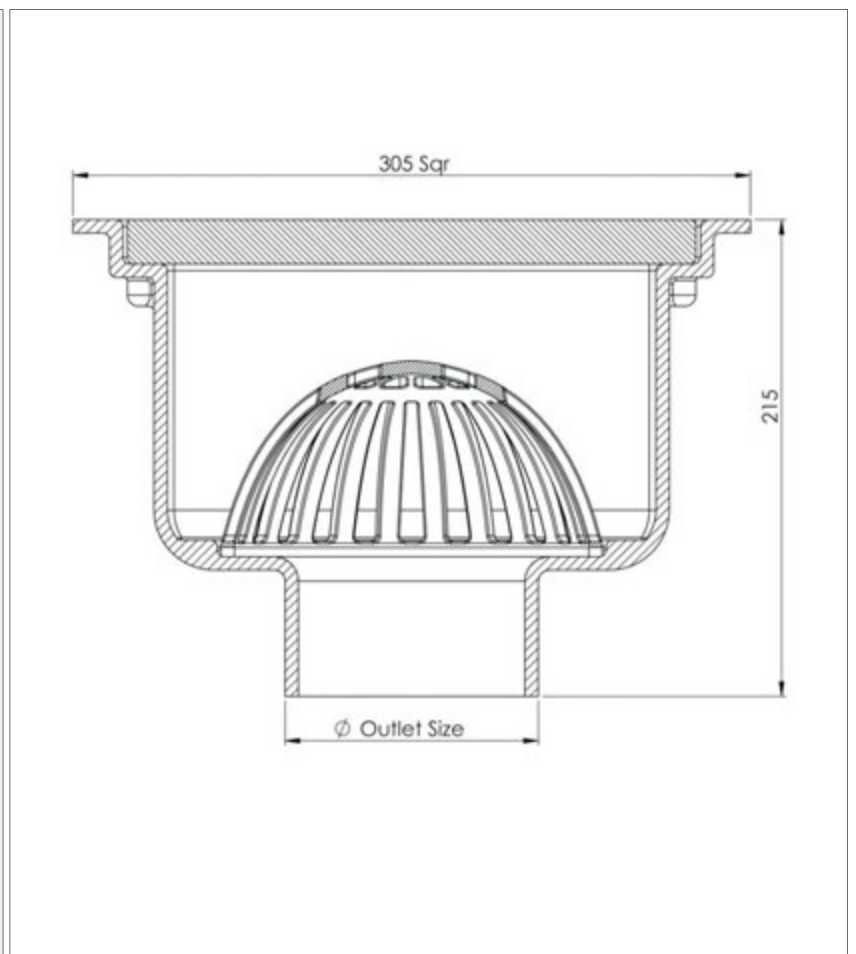
Receptor

Specification: FD-4190G series of sanitary indirect waste receptor consist of a large sump boy with bottom outlet, a square grate, and a secondary dome strainer.

FD-4190G



Model Number		Outlet Type	Outlet Size (mm)
FD-4193G		Gasket	75mm
FD-4194G		Gasket	110 mm
Size	Water Way Area (mm ²)	Loading Capacity	
305 x 305mm	29000mm ²	Heavy Duty	
Item	Material	Option	
Body	Cast Iron (CI)		
Dome	Cast Iron (CI)		
Grate	Ductile Iron (DI)	Cast Iron (CI)	
Finish	C.I Parts	Epoxy Coating	Powder Coating
	Dome	Epoxy Coating	Powder Coating



Planting Drain

Specification: FD-4310 series of planting drains consist of a small sump cast iron body with bottom outlet, a reversible membrane flashing clamp with keyholes, three weep holes around the clamp, and a nickel bronze perforated standpipe with dome cap.

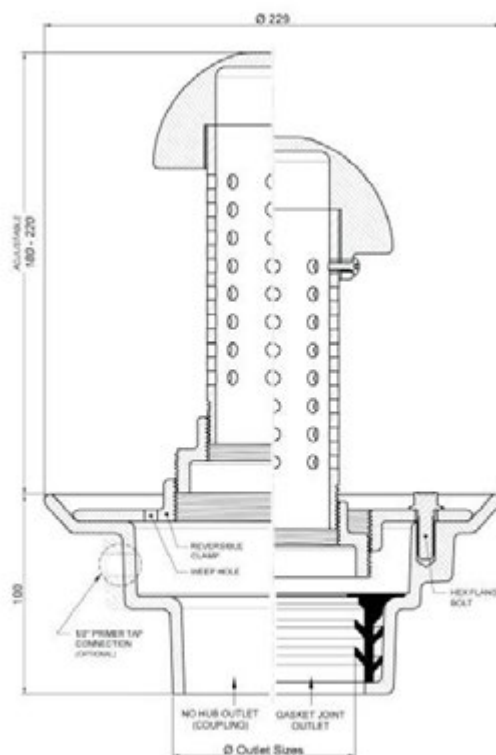
FD-4310



Model Number	Gasket (mm)	Outlet Types		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4312	50	2"	2"	2"
FD-4313	75	3"	3"	3"
FD-4314	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)		
dia 50mm	2460 mm ²		
Length 160mm			

Item	Material	Option
Body	Cast Iron (CI)	
Clamp	Cast Iron (CI)	
Standpipe & Dome	Nickel Bronze (NB)	
Finish	C.I Parts Epoxy Coating	Powder Coating



Planting Drain

Specification: FD-4320 series of planting drains consist of a small sump cast iron body with bottom outlet, a removable cast iron or nickel bronze dome strainer, a membrane flashing clamp with integral gravel stop and mesh covering the dome.

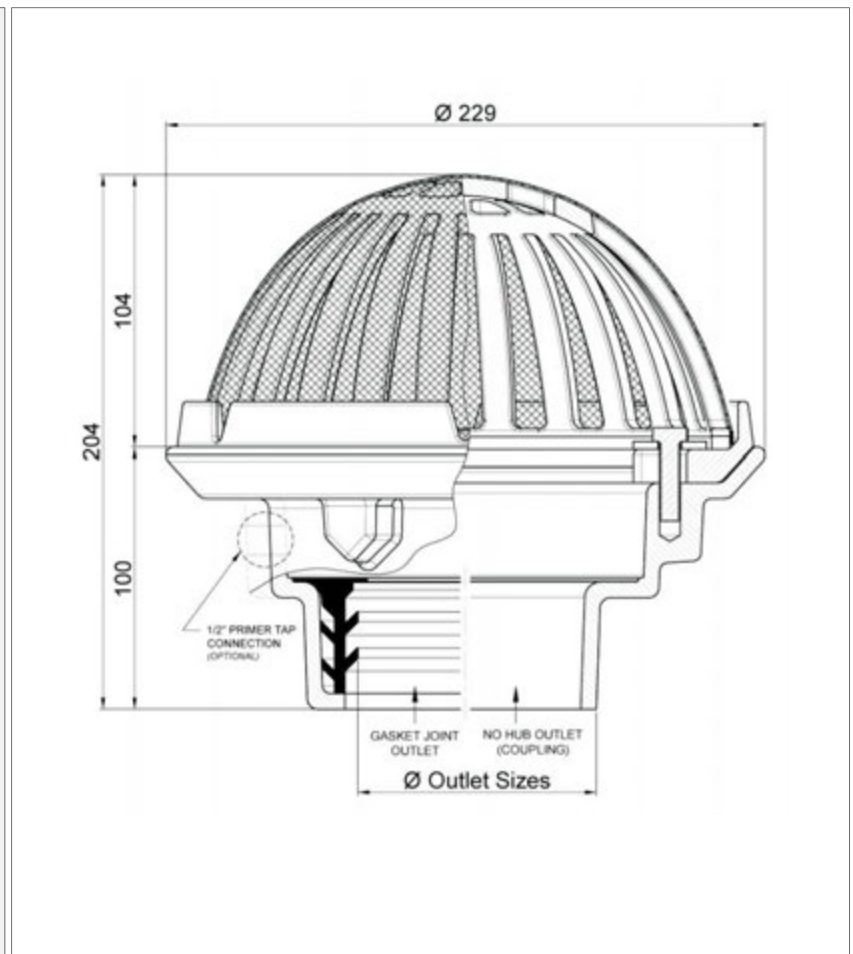
FD-4320



Model Number	Gasket (mm)	Outlet Types		
		Options		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4322	50	2"	2"	2"
FD-4323	75	3"	3"	3"
FD-4324	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)		
200mm	30000 mm ²		

Item	Material	Option
Body	Cast Iron (CI)	
Clamp & Dome	Cast Iron (CI)	Nickel Bronze (NB)
Mesh	Stainless Steel (SS)	Nickel Bronze (NB) / Bronze
Finish	C.I Parts	Epoxy Coating
		Powder Coating



Planting Drain

Specification: FD-4320GX series of planting drains consist of a small sump cast iron body with bottom outlet, a removable cast iron, or nickel bronze dome strainer, membrane flashing clamp with integral gravel stop, stainless steel perforated extension, and stainless steel mesh covering the dome.

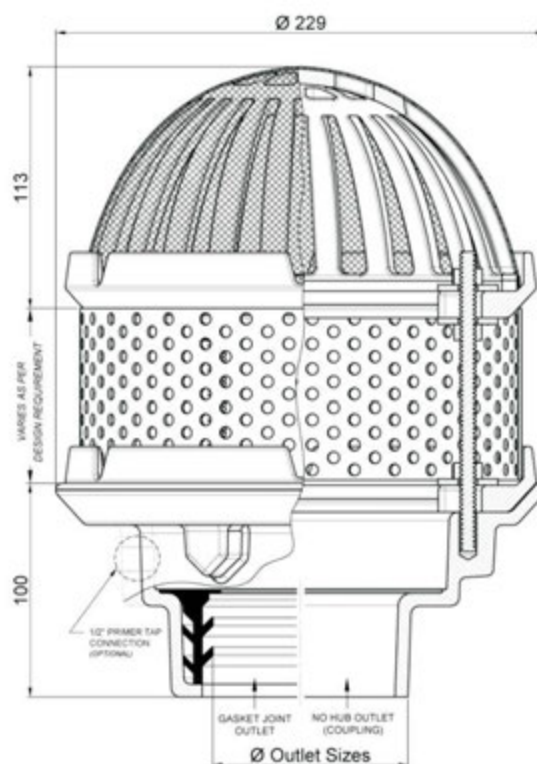
FD-4320GX



Model Number	Gasket (mm)	Outlet Types		
		Gasket (inch)	Spigot (inch)	Threaded
FD-4322GX	50	2"	2"	2"
FD-4323GX	75	3"	3"	3"
FD-4324GX	110	4"	4"	4"

Strainer Size	Water Way Area (mm ²)		
200mm	30000 mm ²		

Item	Material	Option
Body	Cast Iron (CI)	
Clamp & Dome	Cast Iron (CI)	Nickel Bronze (NB)
Mesh & Extension	Stainless Steel (SS)	Nickel-Bronze (NB) / Bronze
Finish	C.I Parts	Epoxy Coating
		Powder Coating



Strainer - Finished Floor Drains

Specification: FD-6110 series of finished area floor drains consist of brass or stainless steel body, drop in grate, and drop in cover.

FD-6110

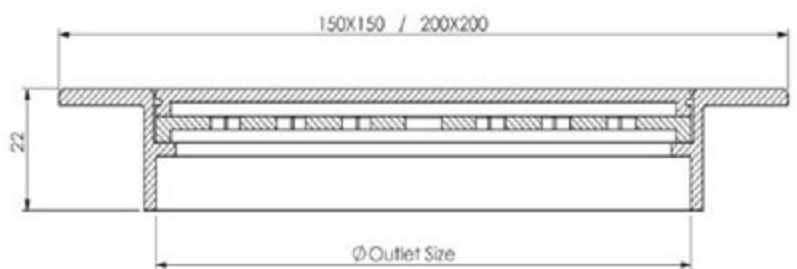


Model Number		Outlet Type	Outlet Size (mm)
FD-6112/15		Hub Type	50 mm
FD-6113/15		Hub Type	75 mm
FD-6114/15		Hub Type	110 mm
FD-6114/20		Hub Type	110 mm

Model Number	Body Size	Model Number	Body Size
FD-6112/15	150 mmx150mm	FD-6113/15	150mm x 150mm
FD-6114/15	150 mmx150mm	FD-6114/20	200mm x 200mm

Item		Material	Option
Body		Brass	Stainless Steel (SS)
Grate		Brass	Stainless Steel (SS)
Cover		Brass	Stainless Steel (SS)

Finish	Brass	Nickel Chrome Plated	Polished
	S. Steel	Polished	Satin Finish



Strainer - Finished Floor Drains

Specification: FD-6110S series of finished area floor drains consist of brass or stainless steel body, secured grate, and drop in cover.

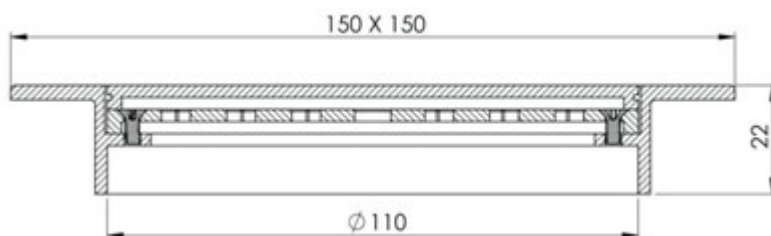
FD-6110S



Model Number	Outlet Type	Outlet Size (mm)
FD-6114S/15	Hub Type	110 mm

Model Number	Body Size	Model Number	Body Size
FD-6114/15	150 mmx150mm		

Item	Material	Option
Body	Brass	Stainless Steel (SS)
Grate	Brass	Stainless Steel (SS)
Cover	Brass	Stainless Steel (SS)
Finish	Brass	Nickel Chrome Plated
	S. Steel	Polished
		Polished
		Satin Finish



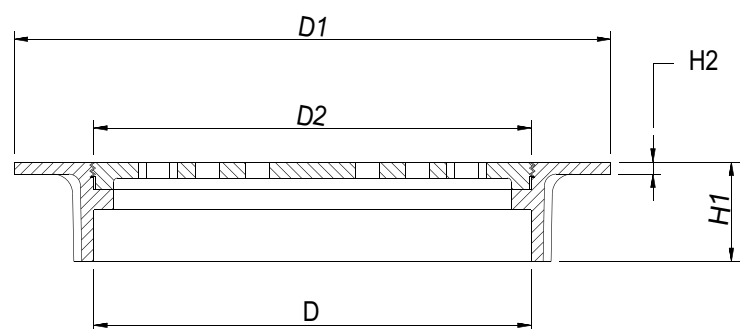
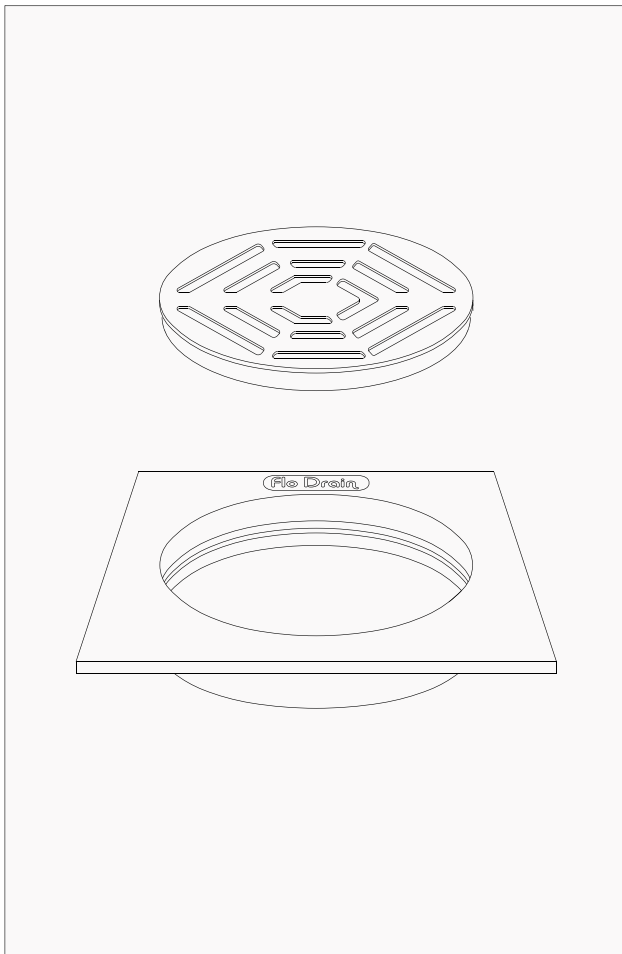
Strainer - Finished Floor Drains

Specification: FD-6120 series finished area floor drains consist of brass or stainless steel body with threaded secured grate.

FD-6120



Model Number		Outlet Type	Outlet Size (mm)
FD-6124/15		Hub Type	110 mm
FD-6124/20		Hub Type	110 mm
Model Number	Body Size	Model Number	Body Size
FD-6124/15	150 mmx150mm	FD-6124/20	200mm x 200mm
Item	Material		Option
Body	Brass		Stainless Steel (SS)
Grate	Brass		Stainless Steel (SS)
Finish	Brass	Nickel Chrome Plated	Polished
	S. Steel	Polished	Satin Finish



DIMENSIONS IN mm.					
Detail.	D	D1	D2	H1	H2
mm	110	150	110	20	3

Strainer - Finished Floor Drains

Specification: FD-6140 series of finished area floor drains consist of nickel bronze body, secured grate, and drop in cover.

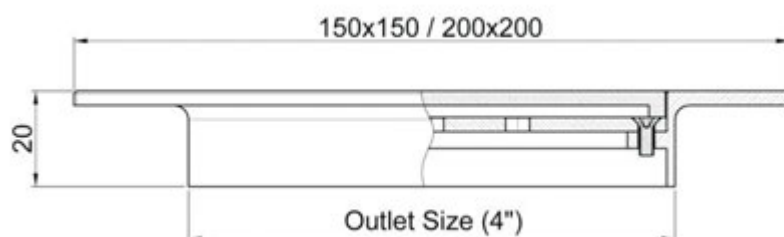
FD-6140



Model Number	Outlet Type	Outlet Size (mm)
FD-6144/15	Hub Type	110 mm
FD-6144/20	Hub Type	110 mm

Model Number	Body Size	Model Number	Body Size
FD-6144/15	150 mmx150mm	FD-6144/20	200 mmx200mm

Item	Material	Option
Body	Nickel Bronze (NB)	
Grate	Nickel Bronze (NB)	
Cover	Nickel Bronze (NB)	
Finish	NB	Satin Finish
		Polished



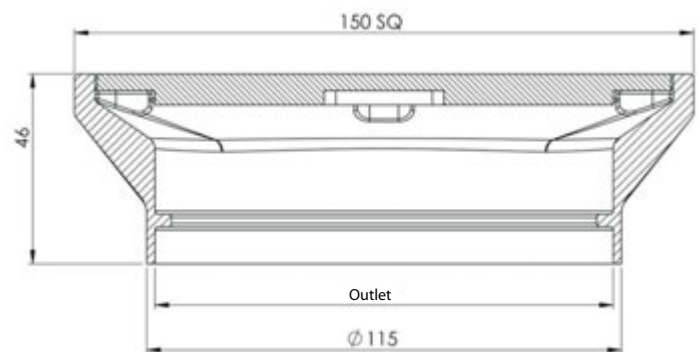
Strainer - Finished Floor Drain

Specification: FD-6160 series of finished area floor drains consist of nickel bronze or stainless steel body with secured grate.

FD-6160



Model Number		Outlet Type	Outlet Size (mm)
FD-6164		Hub Type	110 mm
Strainer Size	Water Way Area (mm ²)		
150 x 150mm	8345 mm ²		
Item	Material	Option	
Body	Nickel Bronze (NI-BR)	Stainless Steel (SS)	
Grate	Nickel Bronze (NI-BR)	Stainless Steel (SS)	
Finish	NI-BR Strainer	Satin Finish	Polished
	SS Strainer	Polished	Satin Finish



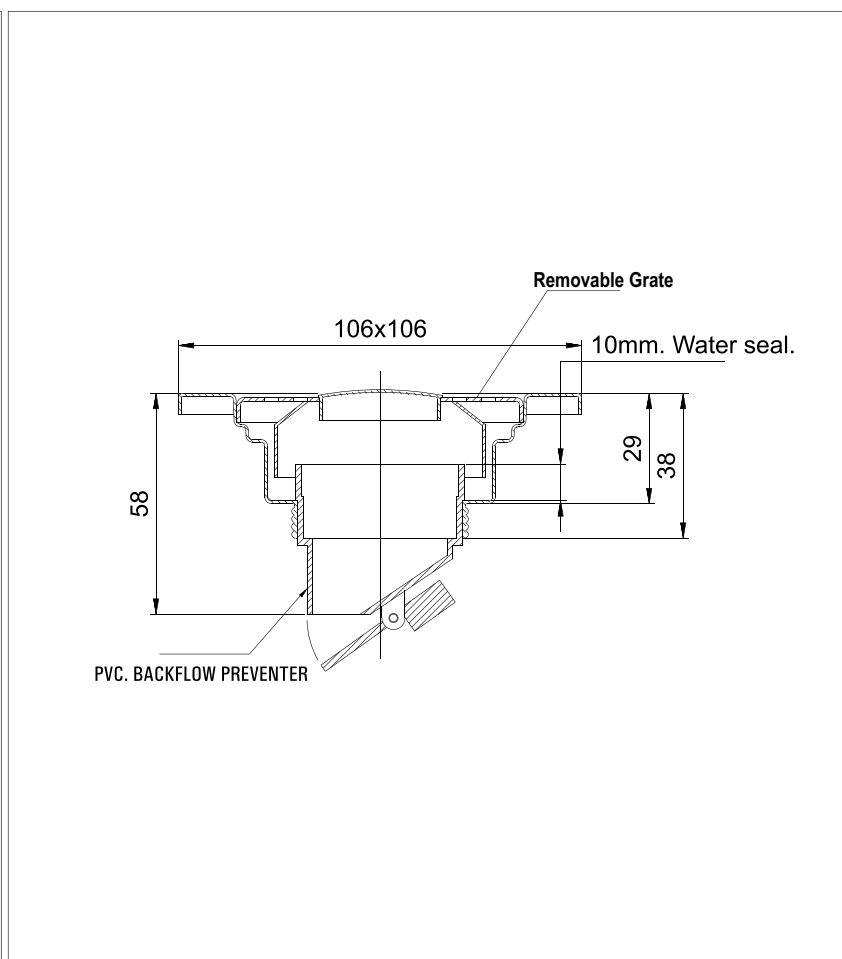
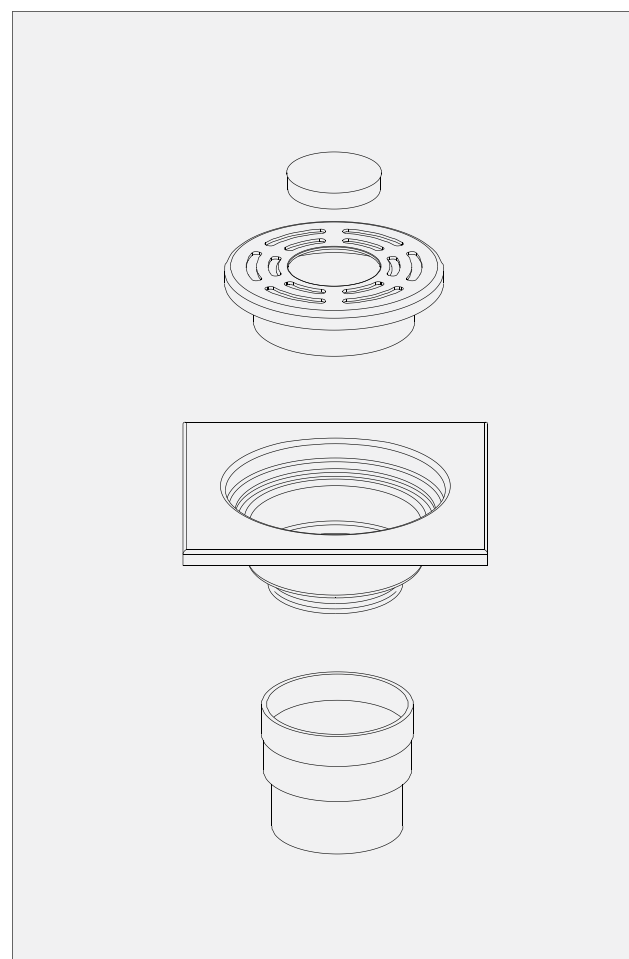
Finished Floor Drains

Specification: FD-6210 series of shower drain consist of stainless steel body, grate and PVC back flow preventer.

FD-6210



Model Number		Outlet Type	Outlet Size (mm / Inch)
FD-6212		No Hub	50 mm / 2"
Model Number	Size		
FD-6212	106 mmx106mm		
Item	Material	Option	
Body	Stainless Steel (SS)		
Grate	Stainless Steel (SS)		
Back Flow Preventer	PVC		
Finish	S. Steel	Polished	



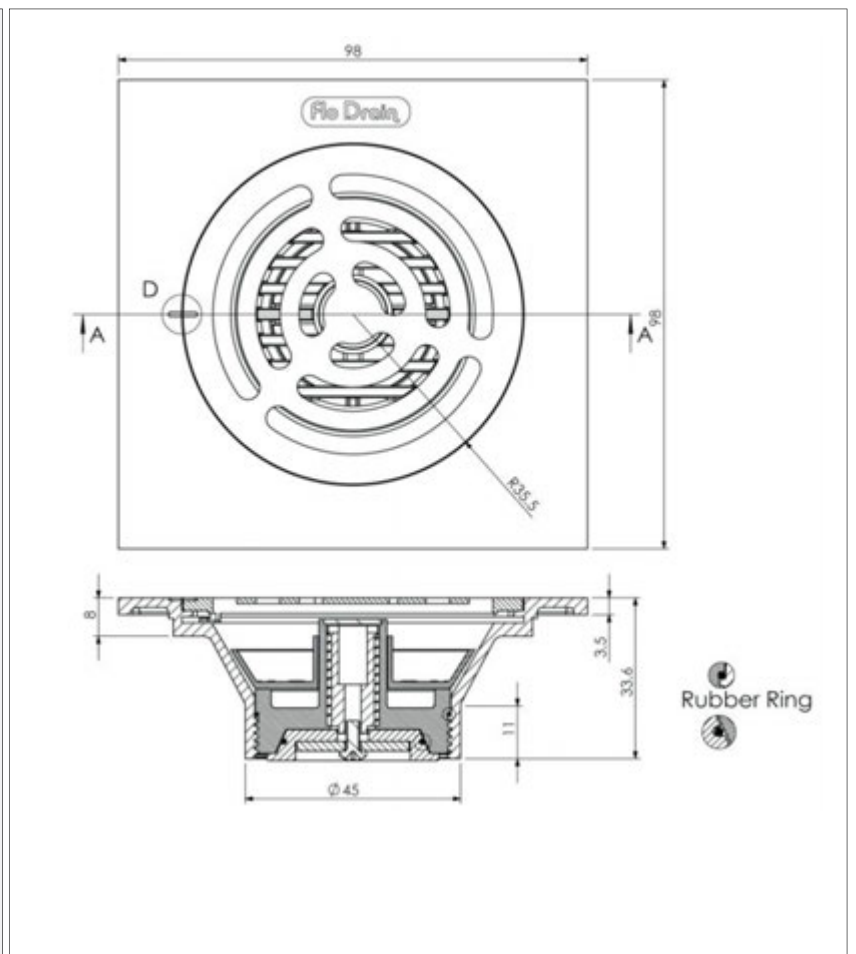
Finished Floor Drain

Specification: FD-6220 series nickel bronze shower drains consist of nickel bronze body, grate and PVC back flow preventor.

FD-6220



Model Number		Outlet Type	Outlet Size (mm / Inch)
FD-6222		No Hub	50 mm / 2"
Model Number	Size		
FD-6222	100 mmx100mm		
Item	Material	Option	
Body	Nickel Bronze (NB)		
Grate	Nickel Bronze (NB)		
Back Flow Preventer	PVC		
Finish	NI-BR	Satin Finish	Polished



Area Drains

Specification: FD-4170SR series of area drains consist of a cast iron body with bottom outlet and a secured grate .

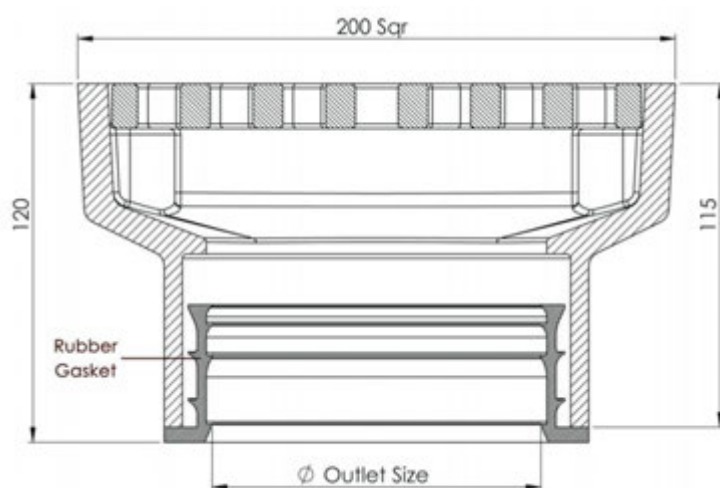
FD-4170SR



Model Number	Outlet Type	Outlet Size (mm)
FD-4173SR	Gasket	75mm
FD-4174SR	Gasket	110 mm

Grate Size	Water Way Area (mm ²)		
200x200mm	17300mm ²		

Item		Material	Option
Body		Cast Iron	
Grate		Ductile Iron	Cast Iron
Finish	C.I Parts	Epoxy Coating	Powder Coating
	Grate	Epoxy Coating	Powder Coating



CLEANOUTS

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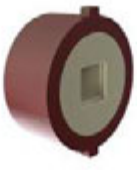
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Finished Floor Cleanouts

Specification: CD-5110S series of cleanouts consist of cast iron body with an adjustable square nickel bronze or stainless steel top with scoriated cover and clean out plug.

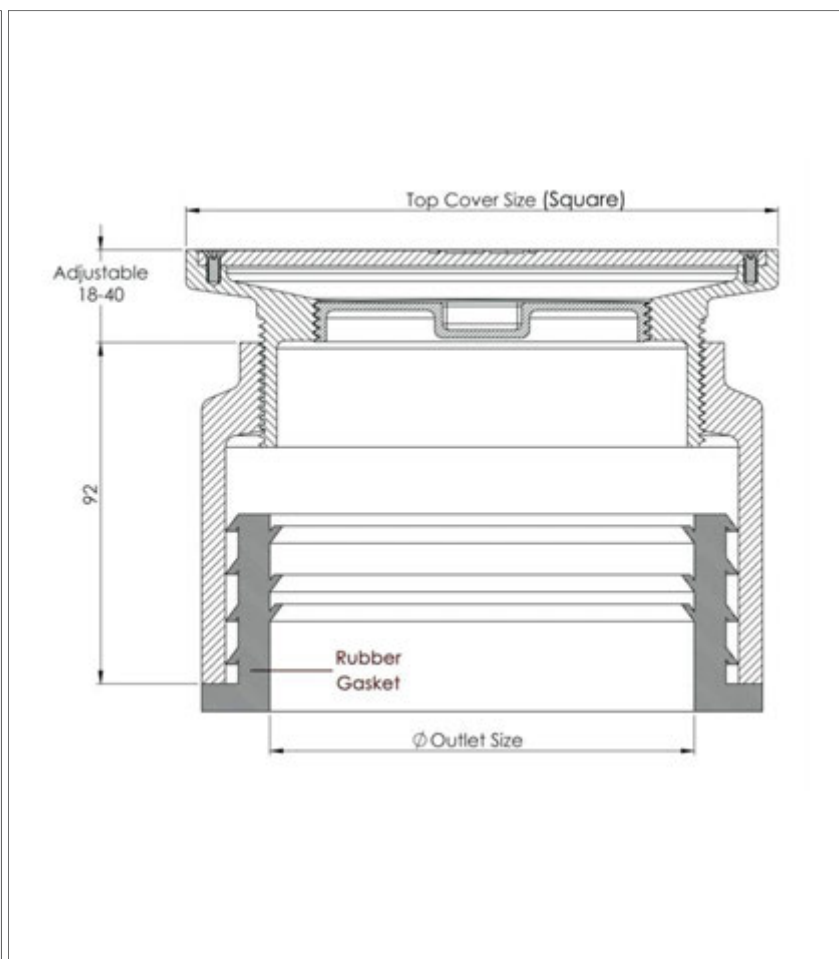
CD-5110S



Model Number	Outlet Type	Outlet Size (mm)
CD-5112S	Gasket	50 mm
CD-5113S	Gasket	75 mm
CD-5114S	Gasket	110 mm
CD-5116S	Gasket	160 mm

Model Number	Top Cover Size	Model Number	Top Cover Size
CD-5112S	100 mmx100mm	CD-5114S	125 or 150 or 200 mm ²
CD-5113S	150mm	CD-5116S	150mm ² or 200mm ²

Item	Material	Option
Body	Cast Iron	
Top & Plug	Nickel Bronze (NI-BR)	Stainless Steel (SS)
Finish	C.I Parts	Epoxy Coating
	NI-BR Strainer	Satin Finish
	SS Strainer	Polished



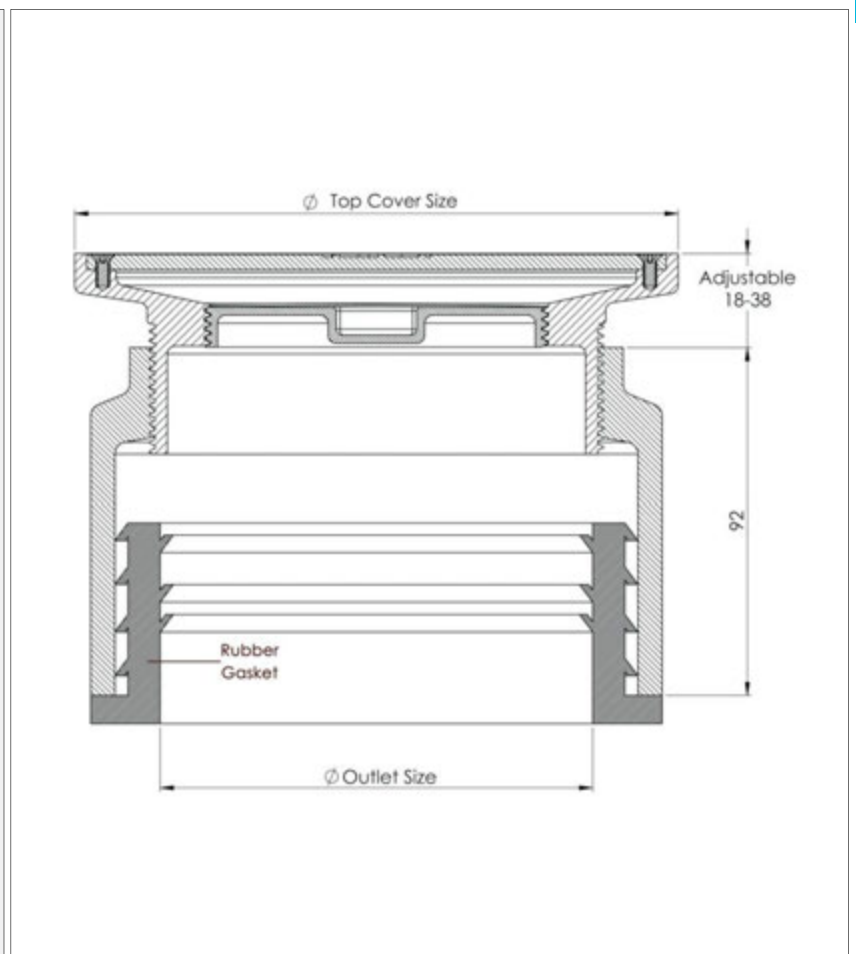
Finished Floor Cleanouts

Specification: CD-5110R series of cleanouts consist of cast iron body with an adjustable round nickel bronze or stainless steel top with scoriated cover and clean out plug.

CD-5110R



Model Number		Outlet Type	Outlet Size (mm)
CD-5112R		Gasket	50 mm
CD-5113R		Gasket	75 mm
CD-5114R		Gasket	110 mm
CD-5116R		Gasket	160 mm
Model Number	Top Cover Size	Model Number	Top Cover Size
CD-6012R	100mm	CD-6014R	125mm or 150mm
CD-6013R	115m	CD-6016R	150mm or 200mm
Item		Material	Option
Body		Cast Iron	
Top & Plug		Nickel Bronze (NI-BR)	Stainless Steel (SS)
Finish	C.I Parts	Epoxy Coating	Powder Coating
	NI-BR Strainer	Satin Finish	Polished
	SS Strainer	Polished	Satin Finish



Finished Floor Cleanouts

Specification: CD-5120S series of cleanouts consist of cast iron body with gasket type bottom outlet, a membrane flashing clamp and adjustable square nickel bronze or stainless steel top with plug.

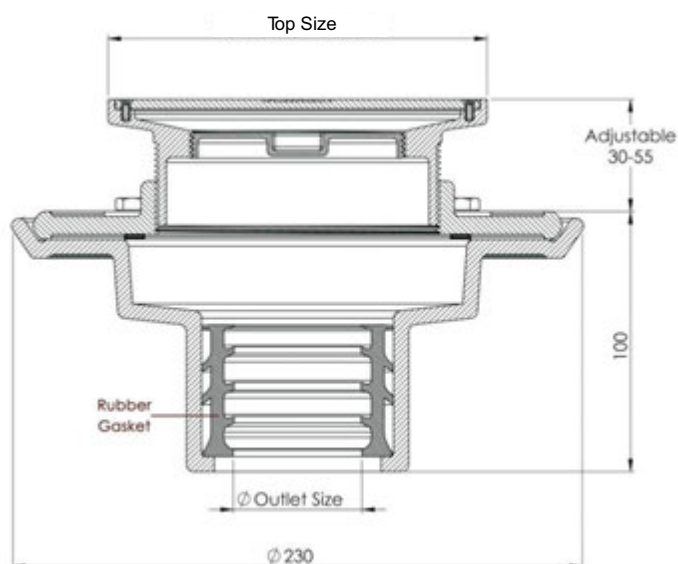
CD-5120S



Model Number	Outlet Types		
	Gasket (mm)	Options	
		Gasket (inch)	Spigot (inch)
CD-5122S	50	2"	2"
CD-5123S	75	3"	3"
CD-5124S	110	4"	4"

Model Number	Top Size	Model Number	Top Size
CD-5122S	100mm ²	CD-5123S	115,150 mm ²
CD-5124S	125,150 mm ²		

Item	Material	Option
Body & Clamp	Cast Iron	
Top & Plug	Nickel Bronze (NI-BR)	Stainless Steel (SS)
Finish	C.I Parts	Epoxy Coating
	NI-BR Top	Satin Finish
	SS Top	Polished



Finished Floor Cleanouts

Specification: CD-5120R series of cleanouts consist of a cast iron body with gasket type bottom outlet, a membrane clamp adjustable round nickel bronze or stainless steel top with scoriated cover and clean out plug.

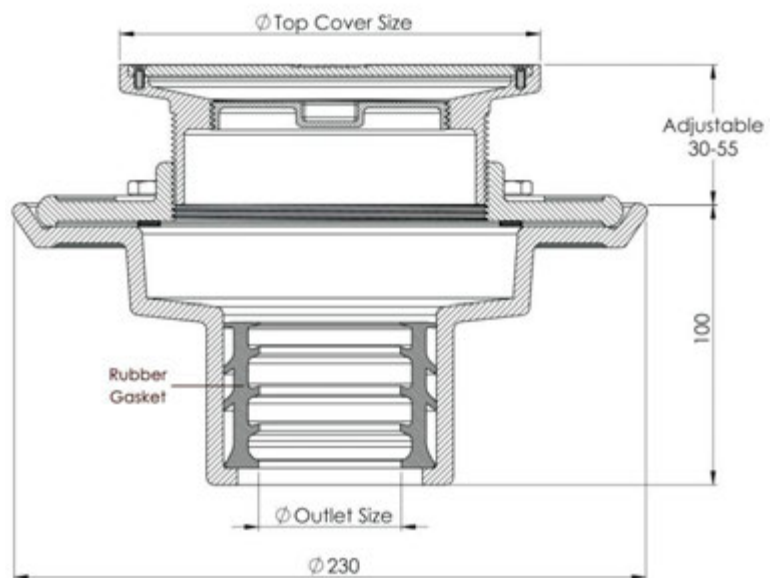
CD-5120R



Model Number	Outlet Types		
	Gasket (mm)	Gasket (inch)	Spigot (inch)
CD-5122R	50	2"	2"
CD-5123R	75	3"	3"
CD-5124R	110	4"	4"

Model Number	Top Cover Size	Model Number	Top Cover Size
CD-5122R	100mm	CD-5123R	125 or 150 mm
CD-5124R	125 or 150mm		

Item	Material	Option
Body & Clamp	Cast Iron	
Top & Plug	Nickel Bronze (NI-BR)	Stainless Steel (SS)
Finish	C.I Parts	Epoxy Coating
	NI-BR Top	Satin Finish
	SS Top	Polished



Finished Floor Cleanouts

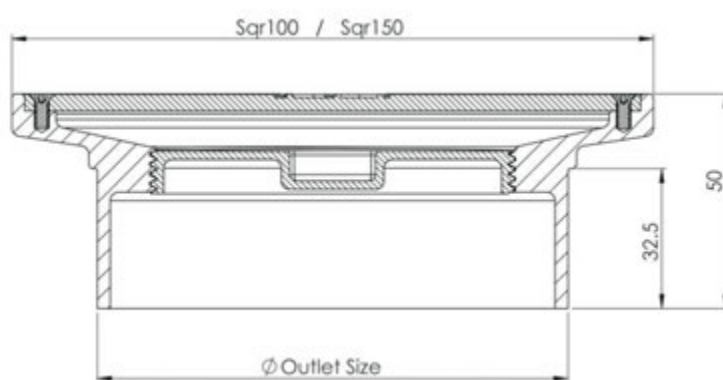
Specification: CD-5110HS series of cleanouts consist of nickel bronze body with hub connection and plug.

CD-5110HS

Model Number	Outlet Type	Outlet Size (mm)
CD-5112HS	Hub	50
CD-5113HS	Hub	75
CD-5114HS	Hub	110

Model Number	Top Cover Size	Model Number	Top Cover Size
CD-5112HS	150mm	CD-5113HS	150mm
CD-5114HS	150mm		

Item	Material	Option
Body	Nickel Bronze	Stainless Steel
Plug	Nickel Bronze	Stainless Steel
Cover	Nickel Bronze	Stainless Steel
Finish	Top	Satin Finish
		Polished



Finished Floor Cleanouts

Specification: CD-6130 series consist of brass or stainless steel body and threaded sealed cover with a galvanized key.

CD-6130

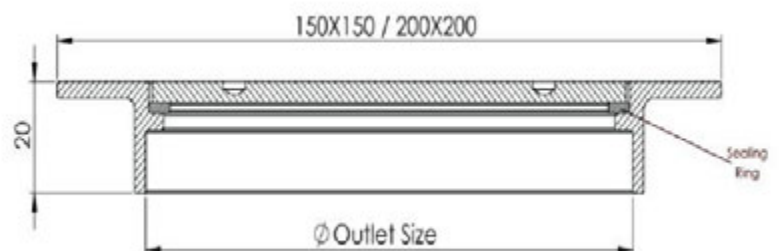


Model Number		Outlet Type	Outlet Size (mm)
CD-6133/15		Hub Type	75
CD-6134/15		Hub Type	110
CD-6134/20		Hub Type	110

Model Number	Size (mm)	Model Number	Size (mm)
CD-6133/15	150 x 150mm	CD-6134/15	150 x 150mm
CD-6134/20	200 x 200mm		

Item	Material	Option	
Body	Brass	Stainless Steel, Nickel bronze	
Cover	Brass	Stainless Steel, Nickel bronze	
Key	Galvanized		

Finish	Brass	Nickel Chrome Plated	Satin / Polished
	S. Steel	Polished	Satin Finish
	NI-BR	Satin Finish	Polished



Finished Floor Cleanouts

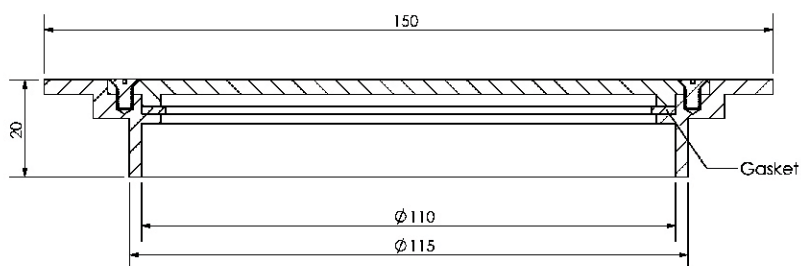
Specification: CD-6130S series consist of brass or stainless steel body and screw secured cover.

CD-6130S

Model Number	Outlet Type	Outlet Size (mm)
CD-6134S	Hub	110

Model Number	Top Cover Size	Model Number	Top Cover Size
CD-6134S	150x150 mm		

Item	Material	Option
Body	Brass	Stainless Steel
Cover	Brass	Stainless Steel
Screw	Stainless Steel	
Finish	Brass	Nickel Chrome Plated
	S. Steel	Polished
		Satin / Polished
		Satin Finish



Area Cleanouts

Specification: CD-5110P series of cleanouts consist of a cast iron body with nickel bronze or stainless steel plug and rubber seal.

CD-5110P

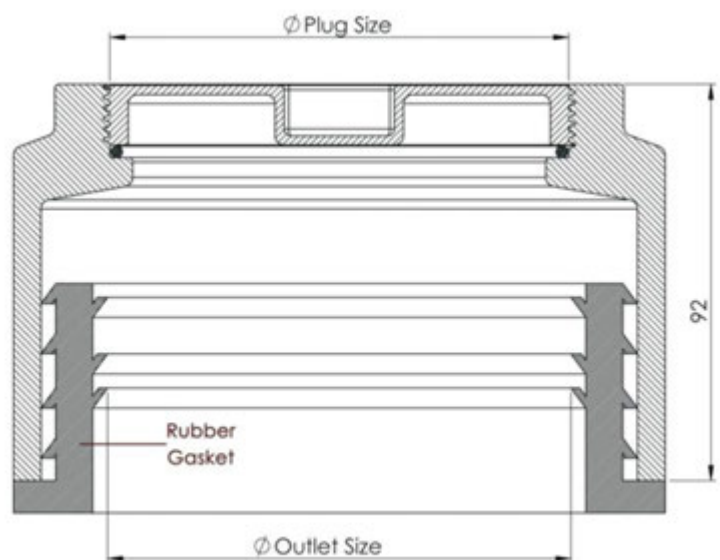


Model Number		Outlet Type	Outlet Size (mm)
CD-5113P		Gasket	75 mm
CD-5114P		Gasket	110mm
CD-5116P		Gasket	160mm

Model Number	Plug Size	Model Number	Plug Size
CD-5112P	1.5" BSP	CD-5113P	2.0" BSP
CD-5114P	3.5" BSP	CD-5116P	5" BSP / 5.5

Item	Material	Option
Body	Cast Iron	
Plug	Nickel Bronze	Stainless Steel
Seal	Rubber	

Finish	C.I Parts	Epoxy Coating	Powder Coating
	Plug	Cast Finish	



Area Cleanouts

Specification: CD-5110RC series of cleanouts consist of a cast iron body with adjustable round cast iron top with scoriated cover and nickel bronze clean out plug.

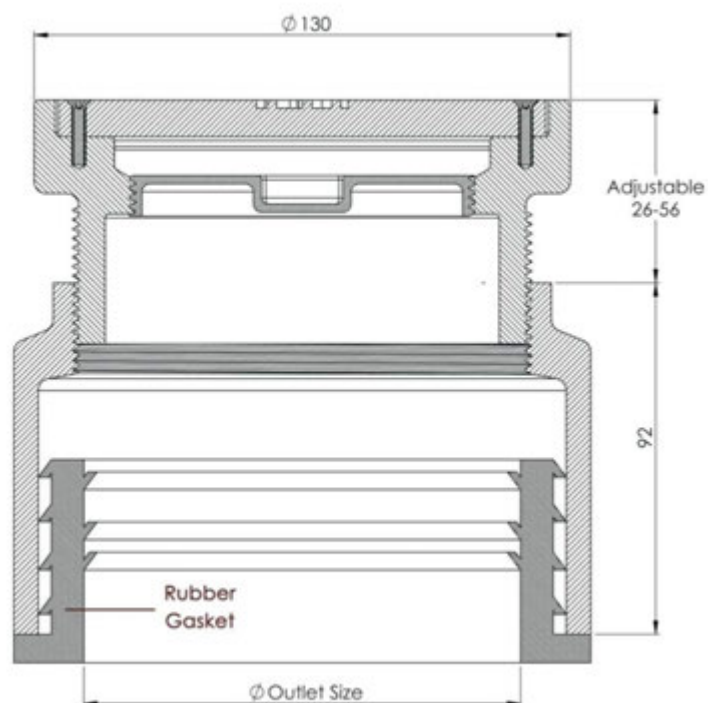
CD-5110RC



Model Number	Outlet Type	Outlet Size (mm)
CD-5114RC	Gasket	110 mm
CD-5116RC	Gasket	160 mm

Model Number	Top Cover Size	Model Number	Top Cover Size
CD-5114RC	130mm	CD-5116RC	130mm

Item	Material	Option
Body	Cast Iron	
Top	Cast Iron	
Plug	Nickel Bronze	Stainless Steel
Finish	C.I Parts	Epoxy Coating
	Top	Epoxy Coating
		Powder Coating



Area Cleanouts

Specification: CD-5120RC series of cleanouts consist of cast iron body with gasket type bottom outlet, a membrane flashing clamp and adjustable round cast iron top with nickel bronze plug.

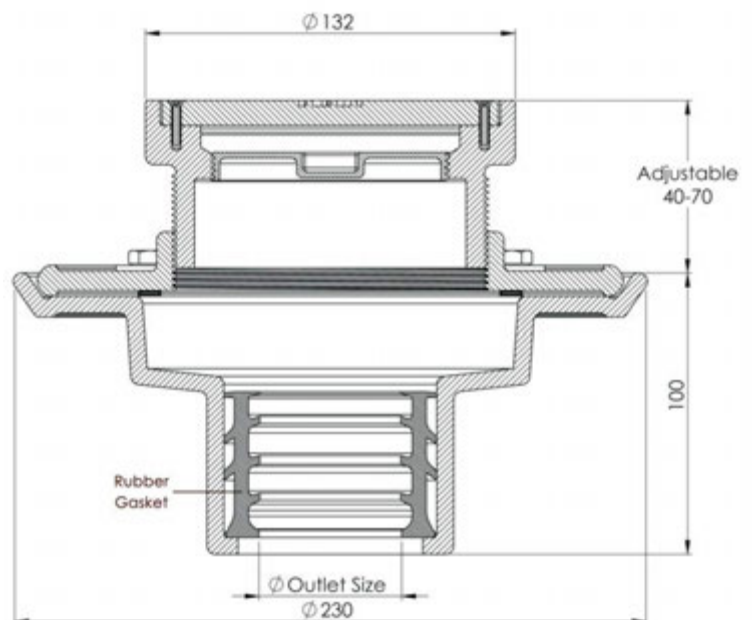
CD-5120RC



Model Number	Gasket (mm)	Outlet Types	
		Gasket (inch)	Spigot (inch)
CD-5122RC	50	2"	2"
CD-5123RC	75	3"	3"
CD-5124RC	110	4"	4"

Model Number	Top Cover Size	Model Number	Top Cover Size
CD-5122RC	130 mm	CD-5123RC	130 mm
CD-5124RC	130 mm		

Item	Material	Option
Body & Clamp	Cast Iron	
Top	Cast Iron	
Plug	Nickel Bronze	Stainless Steel
Finish	C.I Parts	Epoxy Coating
	Top	Epoxy Coating



Recessed Floor Cleanouts

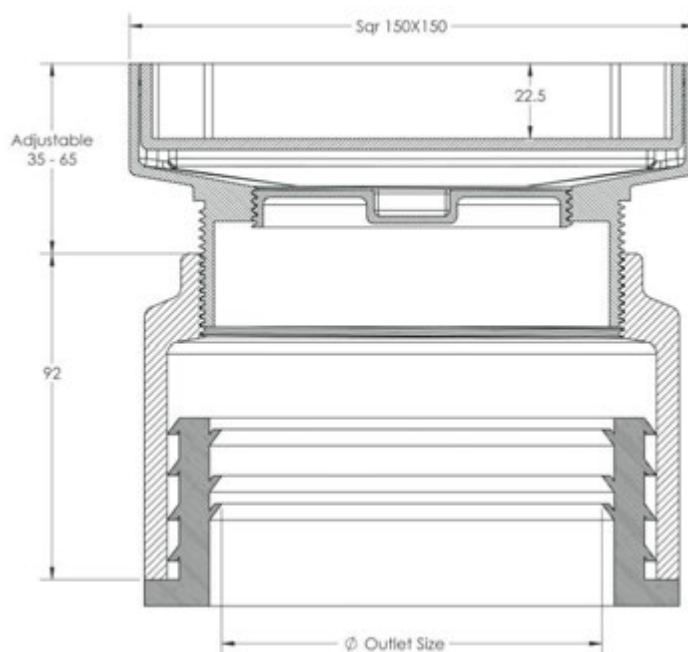
Specification: CD-5110SR series of cleanouts consist of cast iron body with gasket type bottom outlet and adjustable nickel bronze recessed type top with plug.

CD-5110SR

Model Number		Outlet Type	Outlet Size (mm)
CD-5114SR		Gasket	110 mm
CD-5116SR		Gasket	160 mm

Model Number	Top Cover Size	Model Number	Top Cover Size
CD-5114SR	150mm	CD-5116SR	150mm

Item	Material	Option
Body	Cast Iron	
Top	Nickel Bronze	
Plug	Nickel Bronze	
Finish	C.I Parts	Epoxy Coating
	Top	Powder Coating
		Satin Finish



Recessed Floor Cleanouts

Specification: CD-5120SR series of cleanouts consist of cast iron body, membrane clamp with bottom outlet, an adjustable nickel bronze recessed type top with plug.

CD-5120SR

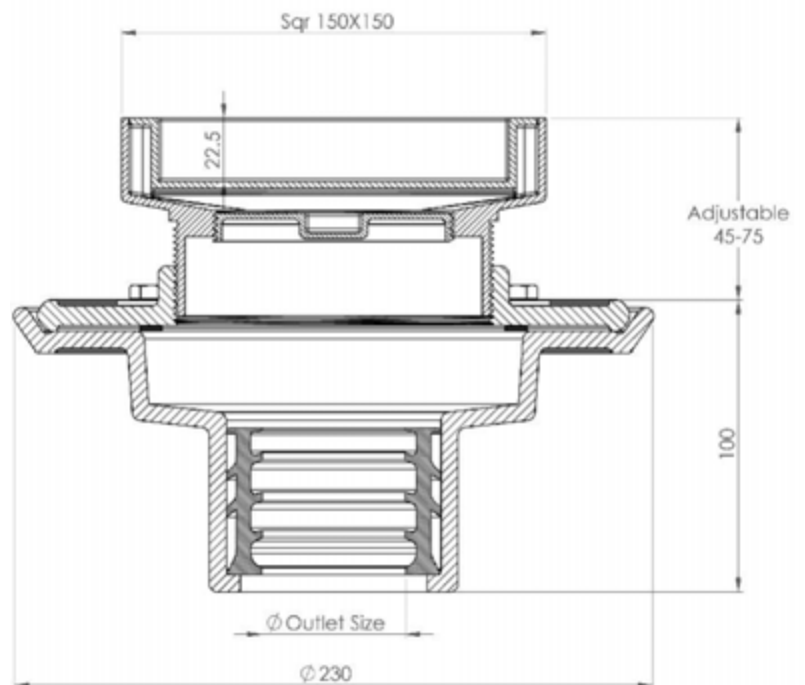


Model Number	Outlet Types		
	Gasket (mm)	Options	
		Gasket (inch)	Spigot (inch)
CD-5122SR	50	2"	2"
CD-5123SR	75	3"	3"
CD-5124SR	110	4"	4"

Model Number	Top Cover Size	Model Number	Top Cover Size
CD-5122SR	150mm	CD-5123SR	150mm
CD-5124SR	150mm		

Item	Material	Option
Body	Cast Iron	
Top	Nickel Bronze	
Plug	Nickel Bronze	

Finish	C.I Parts	Epoxy Coating	Powder Coating
	Top	Satin Finish	Polished



Wall Cleanouts

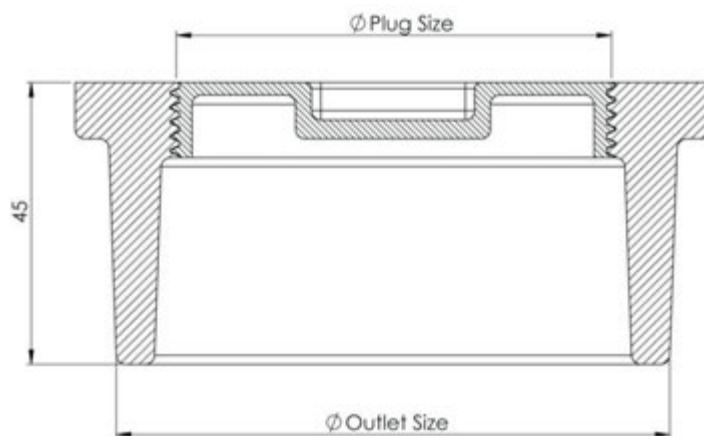
Specification: CD-5110W series of cleanouts consist of cast iron body with anchor lugs , and a counter sunk plug.

CD-5110W

Model Number	Outlet Type	Outlet Size (Inch)
CD-5112W	No Hub	2"
CD-5113W	No Hub	3"
CD-5114W	No Hub	4"

Model Number	Plug Size	Model Number	Plug Size
CD-5112W	1.5 BSP	CD-5114W	3.5 BSP
CD-5113W	2.5 BSP		

Item	Material	Option
Body	Cast Iron	
Plug	Nickel Bronze	Stainless Steel
Finish	C.I Parts	Epoxy Coating
	Plug	Cast Finish



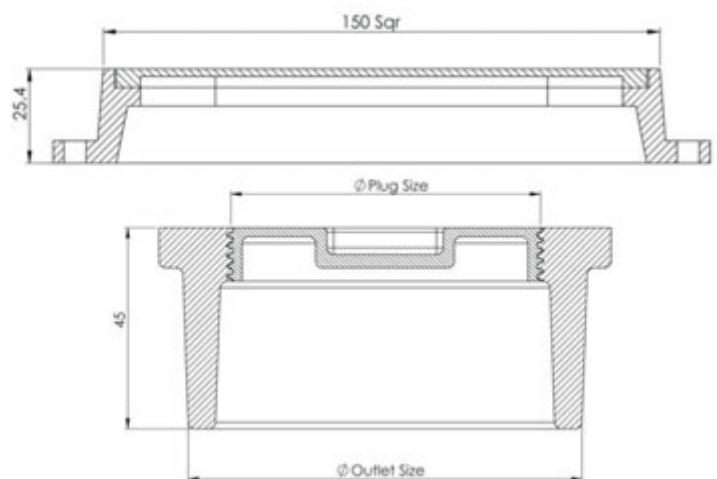
Wall Cleanouts

Specification: CD-5110WS series of wall cleanouts consist of a cast iron body, square nickel bronze or stainless steel cover and frame with anchor lugs and a counter sunk plug.

CD-5110WS



Model Number		Outlet Type		Outlet Size (Inch)	
CD-5112WS		No Hub		2"	
CD-5113WS		No Hub		3"	
CD-5114WS		No Hub		4"	
Model Number		Plug Size	Model Number		Plug Size
CD-5112WS		1.5 BSP	CD-5114WS		3.5 BSP
CD-5113WS		2.5 BSP			
Item		Material		Option	
Body		Cast Iron			
Plug		Nickel Bronze		Stainless Steel	
Cover & Frame		Nickel Bronze		Stainless Steel	
Finish	C.I Parts	Epoxy Coating		Powder Coating	
	Cover	Satin Finish		Polished	



Wall Cleanouts

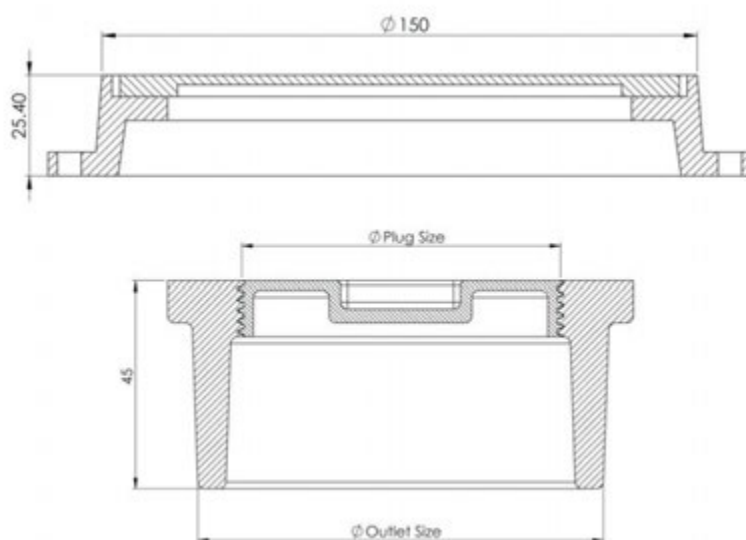
Specification: CD-5110WR series of wall cleanouts consist of a cast iron body, round nickel bronze or stainless steel cover and frame with anchor lugs and a nickel bronze counter sunk plug.

CD-5110WR

Model Number	Outlet Type	Outlet Size (Inch)
CD-5112WR	No Hub	2"
CD-5113WR	No Hub	3"
CD-5114WR	No Hub	4"

Model Number	Top Cover Size	Model Number	Top Cover Size
CD-5112WR	1.5 BSP	CD-5114WR	3.5 BSP
CD-5113WR	2.5 BSP		

Item	Material	Option
Body	Cast Iron	
Plug	Nickel Bronze	Stainless Steel
Cover & Frame	Nickel Bronze	Stainless Steel
Finish	C.I Parts	Epoxy Coating
	Cover	Polished



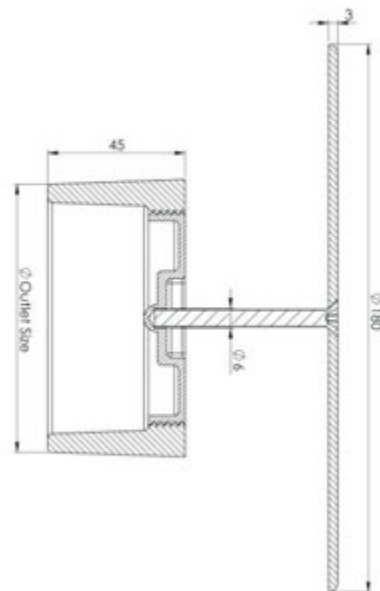
Wall Cleanouts

Specification: CD-5110WRC series of wall cleanouts consist of cast iron body adaptable to pipe with anchor lugs and nickel bronze plug with center screw secured round cover.

CD-5110WRC



Model Number		Outlet Type	Outlet Size (Inch)
CD-5112WRC		No Hub	2"
CD-5113WRC		No Hub	3"
CD-5114WRC		No Hub	4"
Model Number	Plug Size	Model Number	Plug Size
CD-5112WRC	1.5 BSP	CD-5114WRC	3.5 BSP
CD-5113WRC	2.5 BSP		
Item	Material		Option
Body	Cast Iron		
Plug	Nickel Bronze		Stainless Steel
	Nickel Bronze		Stainless Steel
Finish	C.I Parts	Epoxy Coating	Powder Coating
	Cover	Satin Finish	Polished



Cover					
Model No	Size Recommended	Nickel - Bronze (NB)		Stainless Steel (SS)	
		Thickness	Finishing	Thickness	Finishing
5112WRC	5"	3 mm	Satin or Polished	3 mm	Polished or Satin
5113WRC	5"			/	
5114WRC	7"			1 mm	

Tee Cleanouts

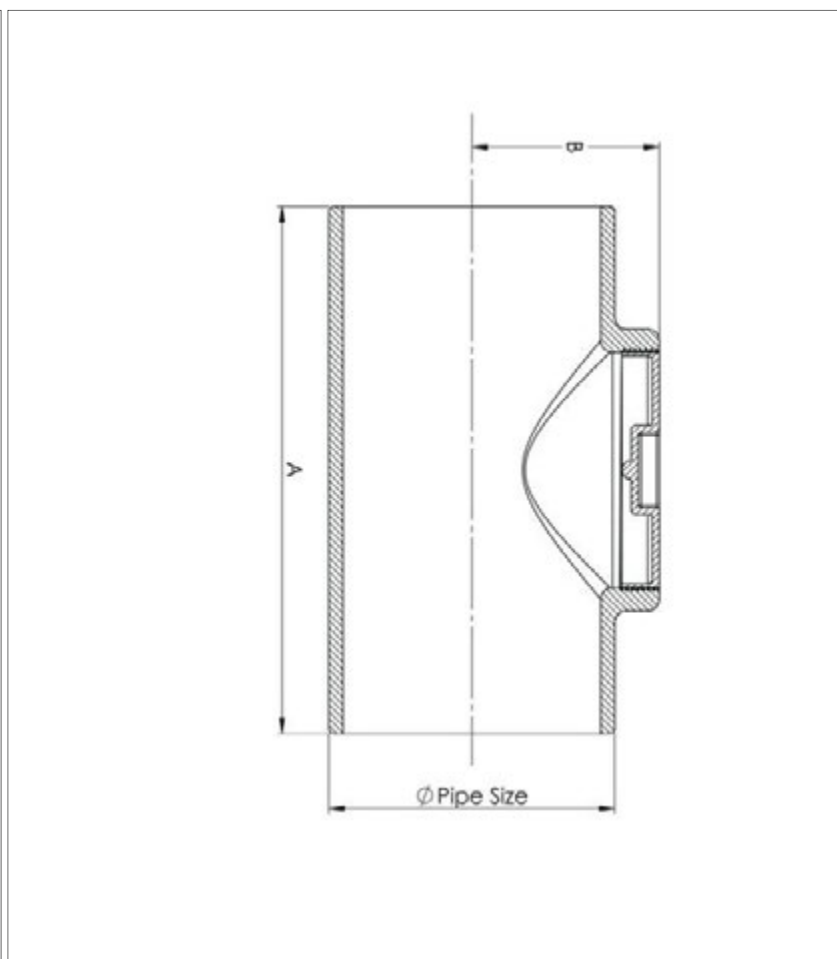
Specification: CD-5110T series of cleanouts consist of cast iron tee type body, with spigot connection and nickel bronze or stainless steel plug.

CD-5110T

Model Number	Outlet Type	Outlet Size (Inch)	A (mm)	B (mm)
CD-5113T	Spigot	3"	197	64
CD-5114T	Spigot	4"	225	76

Model Number	Plug Size	Model Number	Plug Size
CD-5113T	2.5 BSP	CD-5114T	3.5 BSP

Item	Material	Option
Body	Cast Iron	
Plug	Nickel Bronze	Stainless Steel
Finish	C.I Parts	Epoxy Coating
	Plug	Cast Finish



Tee Cleanouts

Specification: CD-5110TS series of wall cleanouts with square cover consist of cast iron tee type body, with spigot connection and nickel bronze or stainless steel square cover and frame with plug.

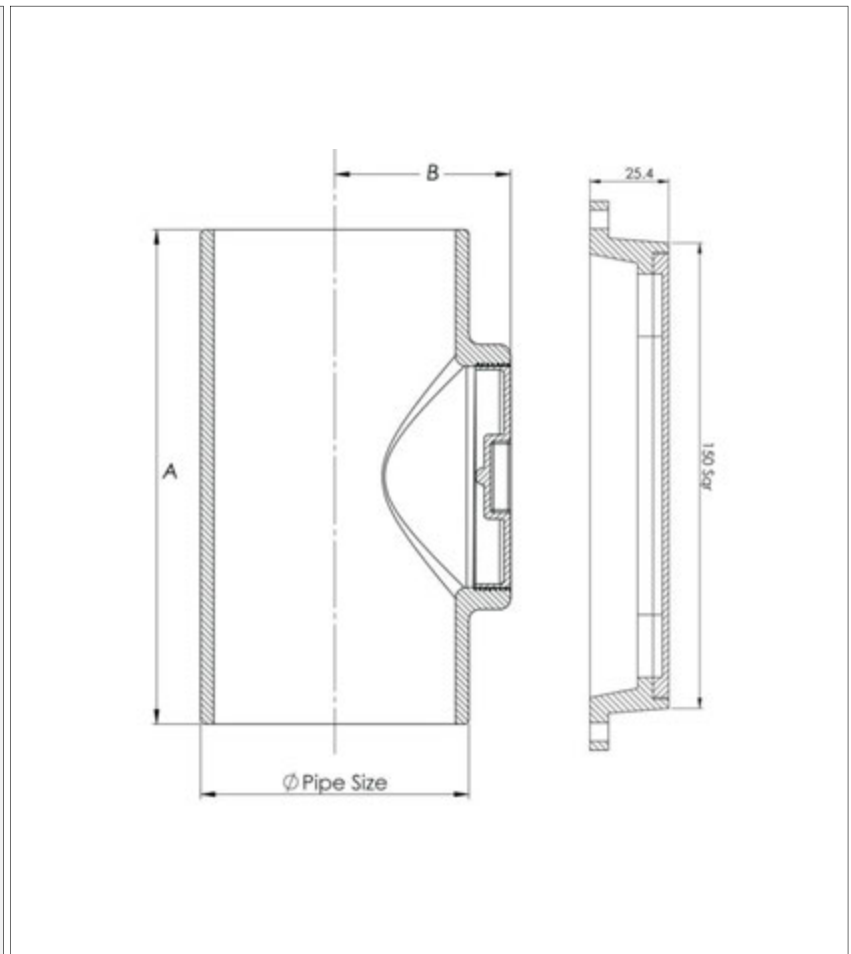
CD-5110TS



Model Number	Outlet Type	Outlet Size (Inch)	A (mm)	B (mm)
CD-5113TS	Spigot	3"	197	64
CD-5114TS	Spigot	4"	225	76

Model Number	Plug Size	Model Number	Plug Size
CD-5113TS	2.5 BSP	CD-5114TS	3.5 BSP

Item	Material	Option
Body	Cast Iron	
Plug	Nickel Bronze	Stainless Steel
Cover & Frame	Nickel Bronze	Stainless Steel
Finish	C.I Parts	Epoxy Coating
	Cover&Frame	Polished
		Powder Coating
		Satin Finish



Tee Cleanouts

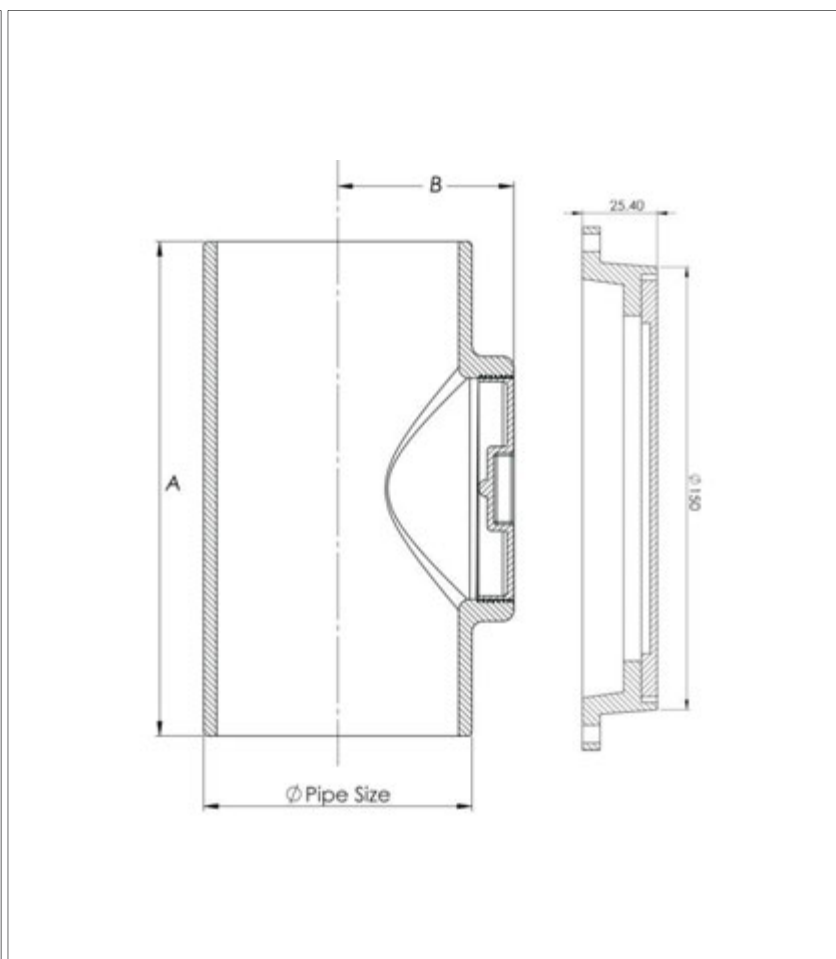
Specification: CD-5110TR series of wall cleanouts with round cover cleanouts consist of cast iron tee type body, with spigot connection and nickel bronze or stainless steel plug with round cover & frame.

CD-5110TR

Model Number	Outlet Type	Outlet Size (Inch)	A (mm)	B (mm)
CD-5113TR	Spigot	3"	197	64
CD-5114TR	Spigot	4"	225	76

Model Number	Plug Size	Model Number	Plug Size
CD-5113TR	2.5 BSP	CD-5114TR	3.5 BSP

Item	Material	Option
Body	Cast Iron	
Plug	Nickel Bronze	Stainless Steel
Cover & Frame	Nickel Bronze	Stainless Steel
Finish	C.I Parts	Epoxy Coating
	Cover& Frame	Powder Coating
		Satin Finish
		Polished



Tee Cleanouts

Specification: CD-5110TRC series of wall cleanouts consist of cast iron tee type body, with spigot connection and nickel bronze plug with Center screw secured round cover.

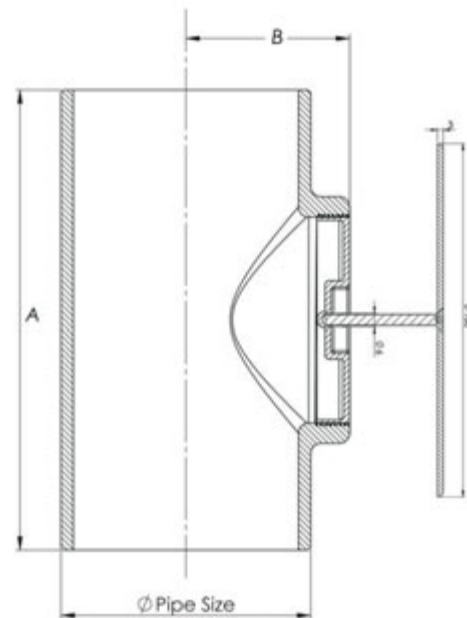
CD-5110TRC



Model Number	Outlet Type	Outlet Size (Inch)	A (mm)	B (mm)
CD-5113TRC	Spigot	3"	197	64
CD-5114TRC	Spigot	4"	225	76

Model Number	Plug Size	Model Number	Plug Size
CD-5113TRC	2.5 BSP	CD-5114TRC	3.5 BSP

Item	Material	Option
Body	Cast Iron	
Plug	Nickel Bron	Stainless Steel
Cover	Nickel Bronze	Stainless Steel
Finish	C.I Parts	Epoxy Coating
	Cover	Polished



Cover					
Model No	Size Recommended	Nickel - Bronze (NB)		Stainless Steel (SS)	
		Thickness	Finishing	Thickness	Finishing
5113TRC	5"	3 mm	Satin or Polished	3 mm / 1 mm	Polished or Satin
5114TRC	7"				