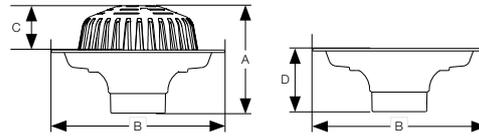


Roof Outlets

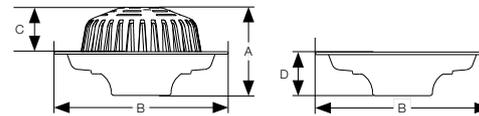
VortX Roof Outlets

A new range of cast iron roof outlets that offer robust long lasting solutions for most construction market applications. Designed in accordance with BS EN 1253 the range consists of cast iron bodies epoxy coated to the high standard of BS EN 877 with the gratings and clamping rings protected by sheradising. All VortX roof outlets have been flowrate tested and comply fully with the standard and will connect to most drainage systems on the market.



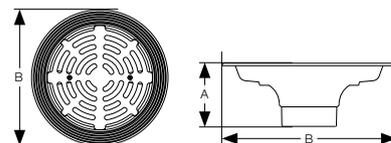
Vertical

GEN code	SAP code	Dia	A	B	C	D	wt/kg	Flow Rate L/S
VX-R105	241181	110	220	350	91	89	8.9	10.7



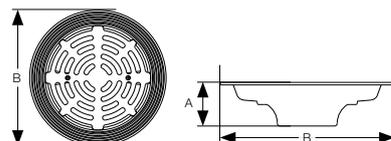
Vertical

GEN code	SAP code	Dia	A	B	C	D	wt/kg	Flow Rate L/S
VX-R155	241183	4" (BSP)	180	350	91	89	8.4	10.7
VX-R155	247413	6" (BSP)	184	386	64	120	12.8	14.5



Vertical

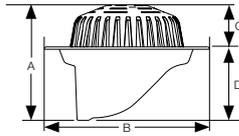
GEN code	SAP code	Dia	A	B	wt/kg	Load Class	Flow Rate L/S
VX-R100	241180	110	129	350	10.5	L15	8.1



Vertical

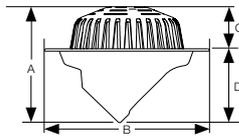
GEN code	SAP code	Dia	A	B	wt/kg	Load Class	Flow Rate L/S
VX-R150	241182	4" (BSP)	89	350	10	L15	8.1
VX-R150	247428	6" (BSP)	64	386	14.8	L15	14.2

Roof Outlets



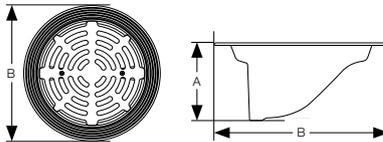
Angled 88° Dome Grate

GEN code	SAP code	Dia	A	B	C	D	wt/kg	Flow Rate L/S
VX-R255	255261	4" BSP	249	350	86	163	7.9	10.7



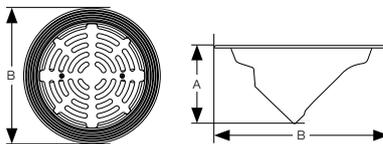
Angled 45° Dome Grate

GEN code	SAP code	Dia	A	B	C	D	wt/kg	Flow Rate L/S
VX-R256	255249	4" BSP	255	350	86	169	9.9	10.7



Angled 88° Flat Grate

GEN code	SAP code	Dia	A	B	wt/kg	Load Class	Flow Rate L/S
VX-R250	255262	4" BSP	163	350	6.5	L15	8.1

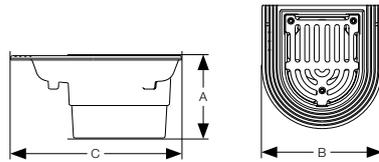


Angled 45° Flat Grate

GEN code	SAP code	Dia	A	B	wt/kg	Load Class	Flow Rate L/S
VX-R251	255250	4" BSP	169	350	8.5	L15	8.1

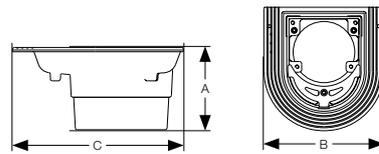
Smaller Diameters
 Use spigot adaptors VX-F500 - VX-F501 for 110, 80 and 60mm Ø pipe connection.
 See page 74.

Roof Outlets



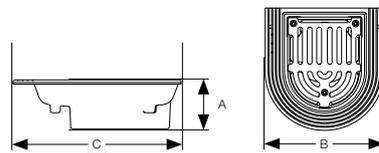
Balcony Spigot - Flat Grating

GEN code	SAP code	Spigot Dia	A	B	C	wt/kg	Flow Rate L/S
VX-R300	241184	110	100	200	210	3.6	4.99



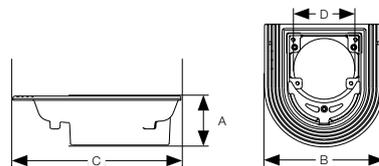
Balcony Spigot - Notched Grating

GEN code	SAP code	Spigot Dia	Pipework Dia	A	B	C	wt/kg	Flow Rate L/S
VX-R305	241187	110	100	100	200	210	3.2	4.99
VX-R305	241186	110	75	100	200	210	3.4	4.15
VX-R305	241185	110	50	100	200	210	3.5	1.41



Balcony Threaded - Flat Grating

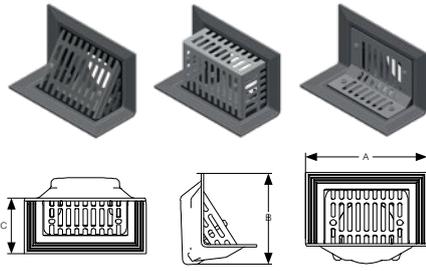
GEN code	SAP code	Spigot BSP	A	B	C	wt/kg	Flow Rate L/S
VX-R350	241188	4"	60	200	210	3.0	4.99



Balcony Threaded - Notched Grating

GEN code	SAP code	Spigot Dia	Pipework Dia	A	B	C	wt/kg	Flow Rate L/S
VX-R355	241191	4"	100	60	200	210	2.3	4.99
VX-R355	241190	4"	75	60	200	210	2.8	4.15
VX-R355	241189	4"	50	60	200	210	2.9	1.41

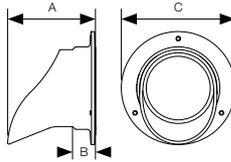
Roof Outlets



Two-Way Outlet BSP Threaded

GEN code	SAP code	Grating	BSP	A	B	C	wt/kg	Flow Rate L/S
VX-R500	241192	Angled	4"	234	172	111	6.2	1.09
VX-R501	247964	Flat	4"	234	172	111	6.2	1.09
VX-R502	248015	Boxed	4"	234	172	111	6.2	1.09

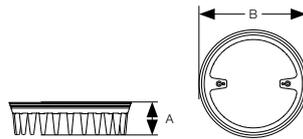
Stainless steel gratings.



Two-Way Downspout

GEN code	SAP code	A	B	C	wt/kg
VX-R510	253762	140	35	180	2.2

Cast iron push-fit black polyester coated.

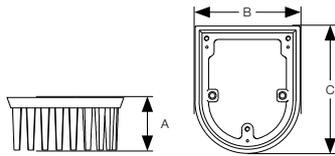


Raising Pieces



Raising Piece for Vertical Outlet VX-R100/150

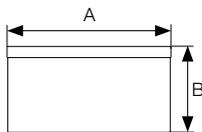
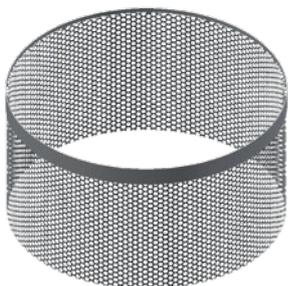
GEN code	SAP code	A	B	wt/kg
VX-R710	241193	75	285	2.5



Raising Piece for Balcony Outlet VX-R300/350

GEN code	SAP code	A	B	C	wt/kg
VX-R720	241194	73 (63 effective)	134	165	0.9

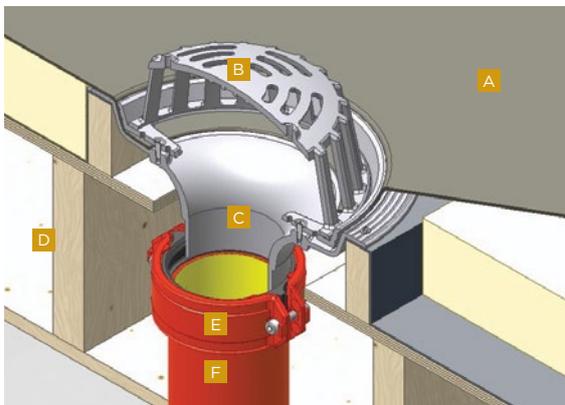
Gravel Guard



Filter Basket

GEN code	SAP code	Material	A	B	wt/kg
VX-R730	247752	Stainless Steel	291	155	0.2

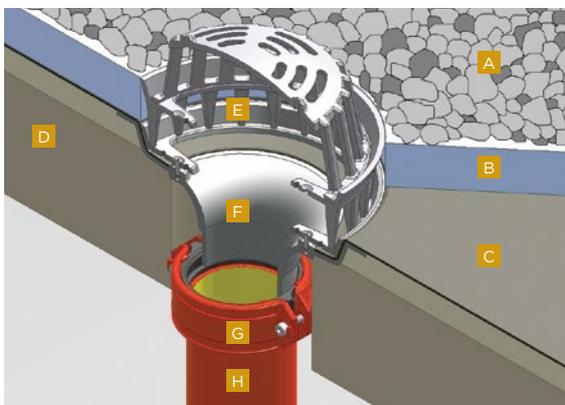
Cast Iron Roof Outlets – Typical Installations



Cold Roof Applications

1. Vertical outlet with dome grating

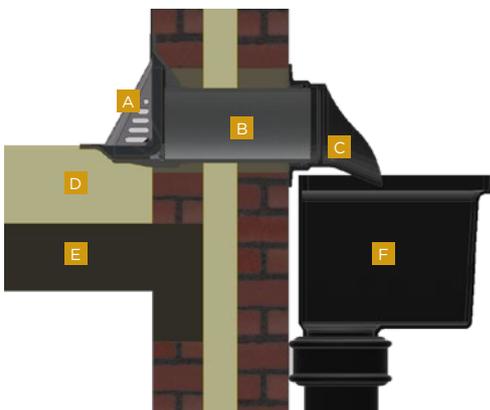
- A. Membrane
- B. Cast Iron Dome Grate
- C. VX-R105 Spigot Body
- D. Timber Deck
- E. 100mm Ensign/Timesaver Coupling ECO02/GT01
- F. 100mm Ensign/Timesaver Pipework



Warm Roof Applications

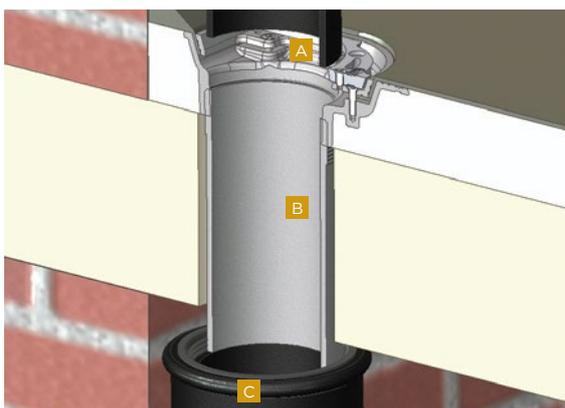
2. Vertical spigot outlet with raising piece

- A. Gravel
- B. Insulation
- C. Membrane
- D. Concrete Deck
- E. Raising Extension Piece VX-R710
- F. VX-R105 Spigot Body
- G. 100mm Ensign/Timesaver Coupling ECO02/GT01
- H. 100mm Ensign/Timesaver Pipework



3. Two way outlet with spigot adaptor

- A. VX-R500 BSP Body
- B. VX-F500 Adaptor 4" BSP/110mm
- C. Push-Fit Two-Way Downspout VX-R510
- D. Insulation
- E. Concrete Deck
- F. Cast Iron Rainwater Head



4. Balcony roof outlet with notched grating

- A. VX-R355 BSP Body
- B. VX-F500 Spigot Adaptor 4" BSP/110mm
- C. Timesaver Heritage Soil Pipe Coupling GT05