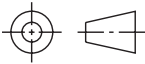
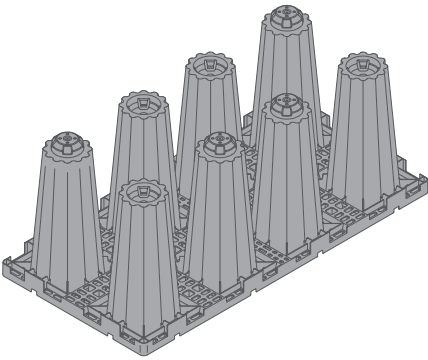
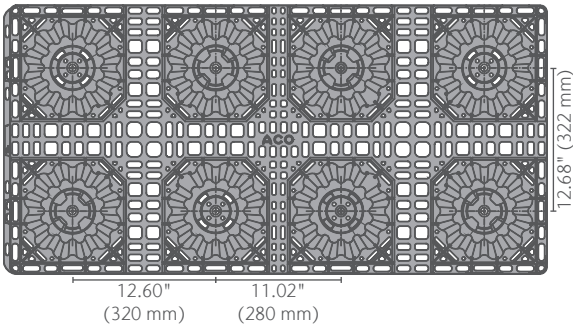
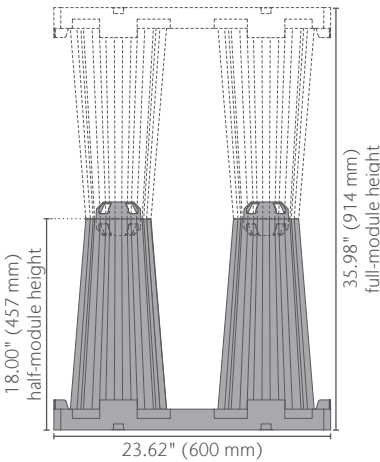
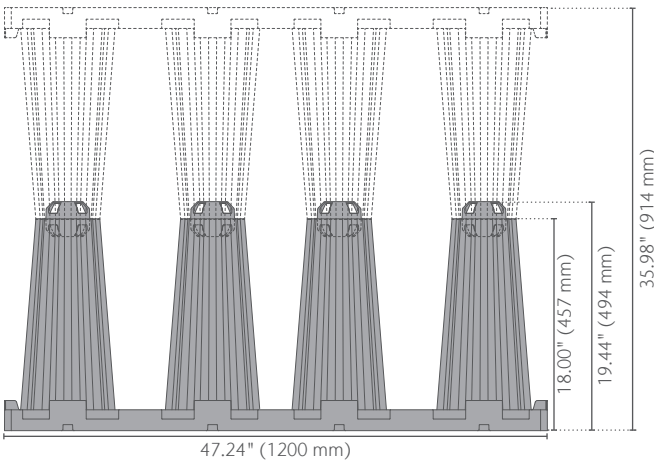


StormBrixx 900 SD

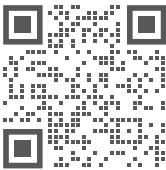


Half-Module 900 SD

part no. 138464



Note: (2) half-modules are connected to form (1) full-module. (1) side panel fits (1) full-module.

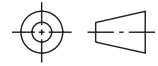


East Sales: 905-829-0665
West Sales: 604-554-0688



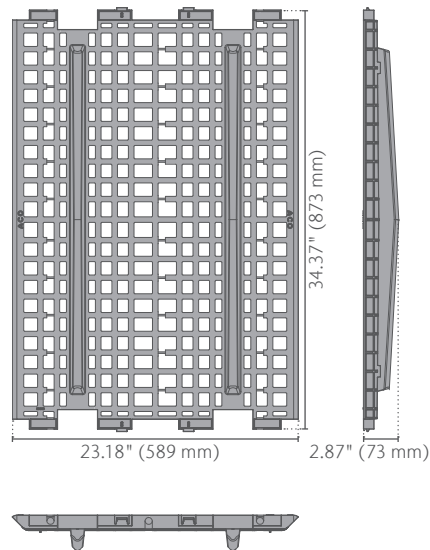
ACO Specification Information

StormBrixx 900 SD



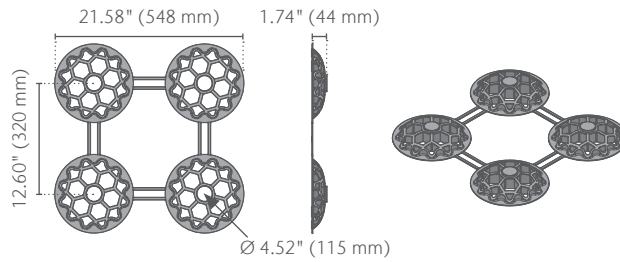
Side Panel 900 SD

part no. 138463



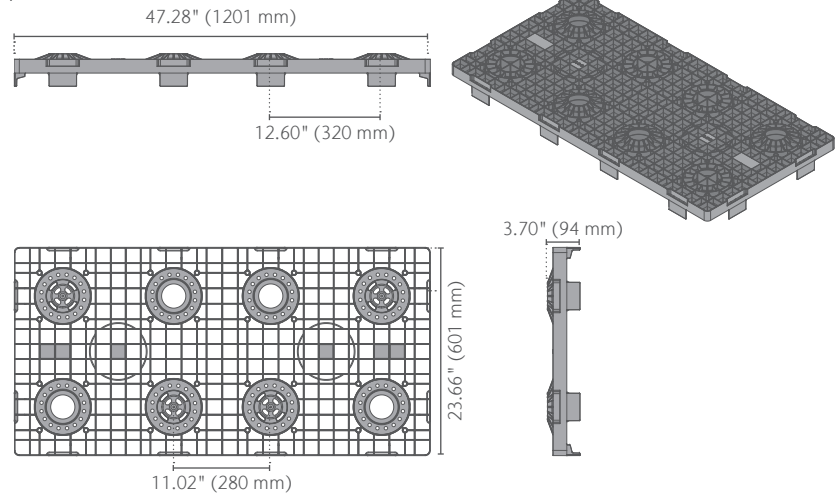
Universal Top Cover

part no. 140213



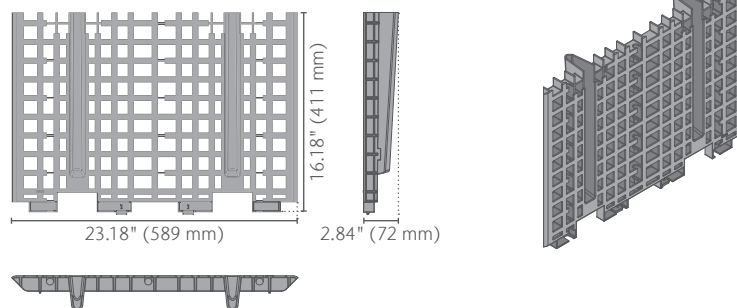
Half-Layer Top Plate

part no. 314094

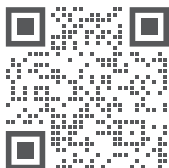


Half-Layer Side Panel 900 SD

part no. 138567



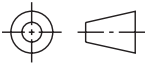
ACO Specification Information



East Sales: 905-829-0665
West Sales: 604-554-0688

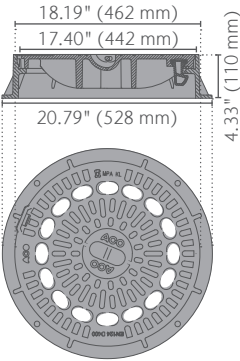


StormBrixx 900 SD



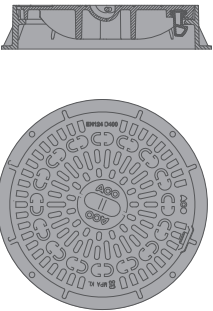
Remote Access Cover (Vented)

part no. 314133



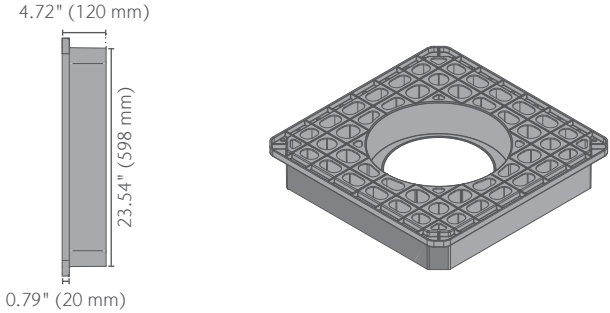
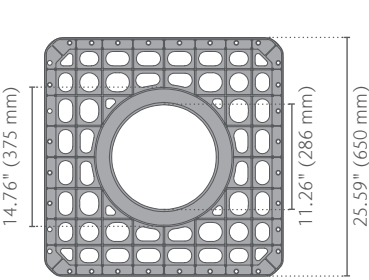
Remote Access Cover (Non-Vented)

part no. 314132



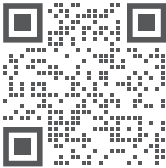
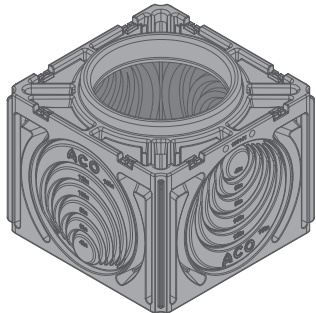
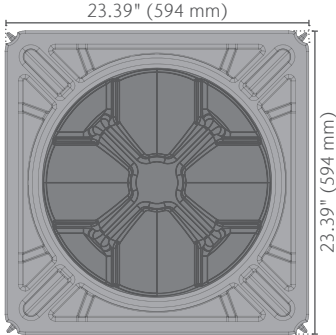
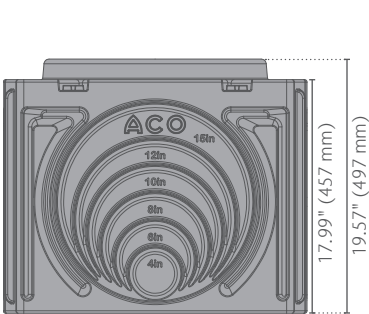
Remote Access Plate

part no. 314075



Remote Access Unit 900 SD

part no. 138141

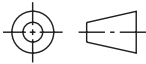


East Sales: 905-829-0665
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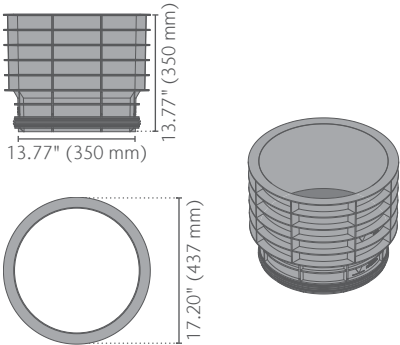
ACO Specification Information

StormBrixx 900 SD



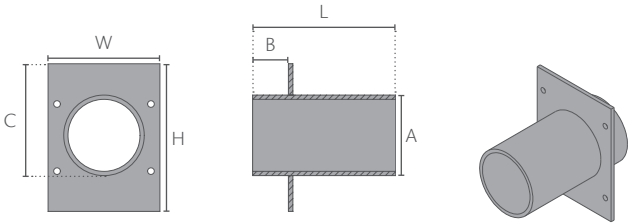
Extension Shaft

part no. 314038

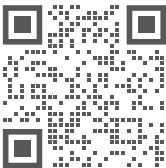


Horizontal Pipe Connector

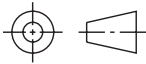
part no.: see chart



Part No.	A mm (in)	B mm (in)	C mm (in)	H mm (in)	W mm (in)	L mm (in)
314026	dia 110 (4.3)	50 (2)	160 (6.3)	210 (8.3)	160 (6.3)	200 (7.9)
314027	dia 160 (6.3)	50 (2)	210 (8.3)	260 (10.2)	260 (10.2)	200 (7.9)
314028	dia 200 (7.9)	50 (2)	246 (9.77)	292 (11.5)	296 (11.7)	250 (9.8)
314048	dia 250 (9.8)	50 (2)	408 (16.1)	450 (17.7)	550 (21.7)	220 (8.7)
314029	dia 315 (12.4)	40 (1.6)	382 (15)	438 (17.2)	450 (17.7)	240 (9.4)
314030	dia 400 (15.7)	64 (2.5)	559 (22)	600 (23.6)	550 (21.7)	220 (8.7)



StormBrixx 900 SD



Product Details

Product Name	Part No.	Length mm (in)	Width mm (in)	Depth mm (in)	Weight kg (lbs)
Half-Module 900 SD	138464	1200 (47.24)	600 (23.62)	494 (19.44)	10.82 (23.8)
Side Panel 900 SD	138463	873 (34.37)	589 (23.18)	73 (2.87)	3.0 (6.6)
Universal Top Cover	140213	548 (21.58)	548 (21.58)	44 (1.74)	0.6 (1.3)
Half-Layer Top Plate	314094	1201 (47.28)	601 (23.66)	94 (3.70)	3.5 (7.7)
Half-Layer Side Panel 900 SD	138567	589 (23.18)	411 (16.18)	72 (2.83)	1.55 (3.4)
Layer Connector	314093	54 (2.11)	44 (1.75)	27 (1.05)	0.05 (0.1)
Remote Access Cover (Vented) - Ductile Iron (Load Class D400)	314133	-	Ø 528 (20.79)	110 (4.33)	38.0 (83.6)
Remote Access Cover (Non-Vented) - Ductile Iron (Load Class D400)	314132	-	Ø 528 (20.79)	110 (4.33)	39.3 (86.5)
Inspection Point Cover - Ductile Iron (Load Class D400)	314044	-	Ø 225 (8.85)	75 (2.95)	15.7 (34.5)
Remote Access Plate	314075	650 (25.59)	650 (25.59)	120 (4.72)	4.91 (10.8)
Remote Access Unit 900 SD	138141	594 (23.39)	594 (23.39)	497 (19.57)	18.2 (40.0)
Extension Shaft	314038	-	Ø 437 (17.20)	350 (13.77)	2.2 (4.8)
Extension Shaft with Pipe Socket	314039	-	Ø 437 (17.20)	350 (13.77)	2.8 (6.2)
Vertical Inspection Point Connector	27018	-	Ø 225* (8.85)	200 (7.87)	2.5 (5.5)
Horizontal Pipe Connectors					
DIA 100	314026	-	100* (3.90)	-	0.87 (1.93)
DIA 150	314027	-	150* (5.90)	-	1.49 (3.29)
DIA 200	314028	-	190* (7.50)	-	1.95 (4.31)
DIA 250	314048	-	231* (9.10)	-	2.15 (4.31)
DIA 300	314029	-	296* (11.70)	-	3.17 (7.00)
DIA 400	314030	-	385* (15.20)	-	4.89 (10.80)

* Internal width

Specification Summary

General

The StormBrixx stormwater management system shall be ACO StormBrixx 900 SD as supplied by ACO Systems, Ltd.

ACO StormBrixx 900 SD meets AASHTO HS-20 loading conditions.

Geomembranes/Geotextiles

The StormBrixx stormwater system shall be wrapped in either appropriate permeable geotextile or impermeable geomembrane (supplied and specified by others) as indicated by project design engineer.

Accessories

The StormBrixx stormwater system may be used in conjunction with one or more optional products: remote access unit, remote access plate extension shaft, and/or inspection point connector.

Installation

The StormBrixx stormwater system shall be installed in strict accordance with the manufacturer's installation instructions and recommendations.

Materials

The half-module shall be manufactured from polypropylene and have minimum properties as follows:

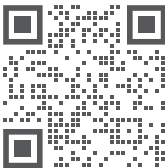
- Charpy unnotched impact strength: 1.4 ft-lb/in² (3 kJ/m²)
- Tensile strength, ultimate: 3,480 psi (23,994 kPa)
- Water absorption: 0.01%
- Frost proof: YES
- Salt proof: YES
- Fuels/oils-resistant: YES

The stormwater tank shall provide an average 97% open area, holding up to 0.64 m³ (22.54 ft³) per module (2 half-modules assembled) and offer full access to all areas and levels for maintenance. Configuration and use of side/top panels will marginally impact these figures.

ACO Systems, Ltd.

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All reasonable care has been taken in compiling the information in this document. All recommendations and suggestions on the use of ACO products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to ensure that each product is fit for its intended purpose and that the actual conditions of use are suitable. ACO reserves the right to change products and specifications without notice.



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West Sales: 604-554-0688

