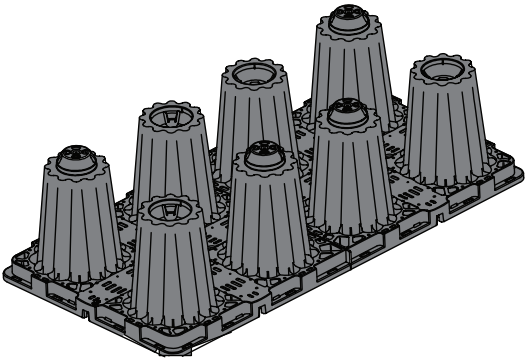
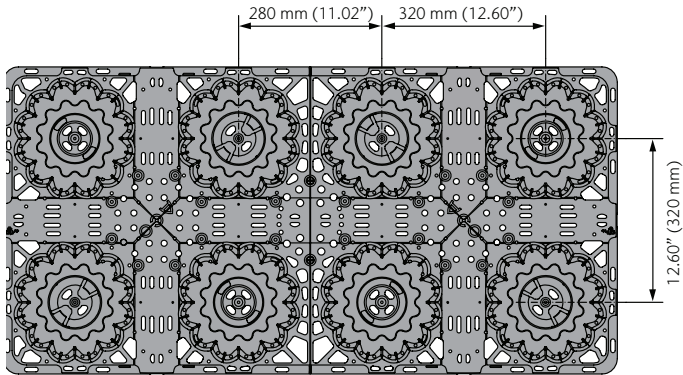
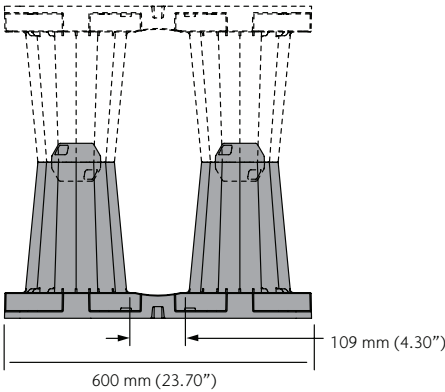
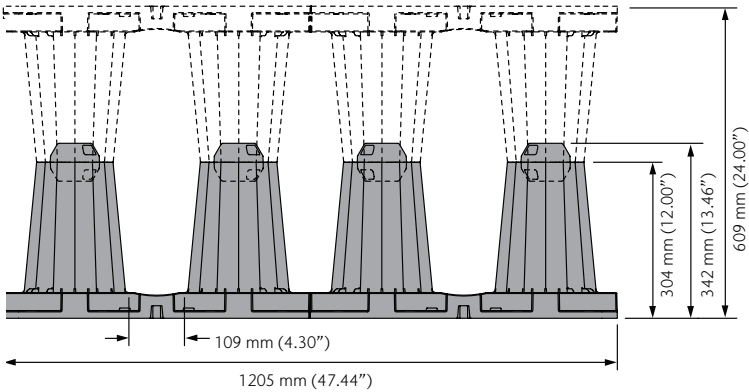
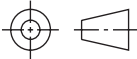


ACO STORMBRIXX HD

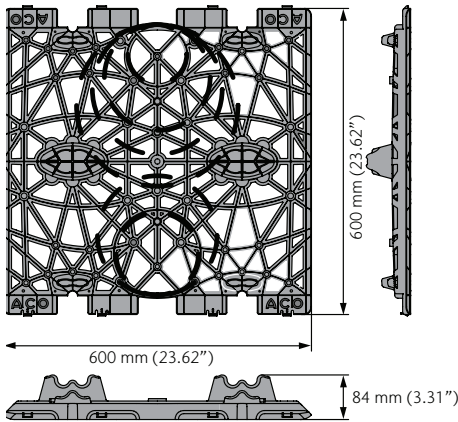
Stormwater Detention/Infiltration/Retention System

June 2020

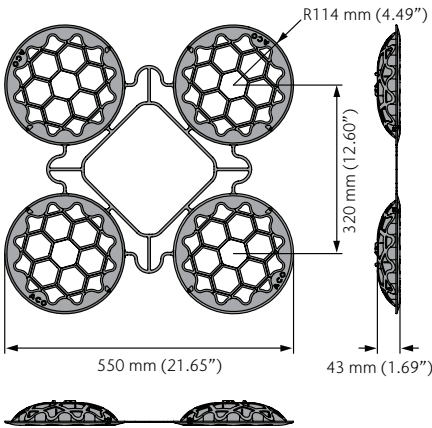
Half module unit



Side panel



Top cover



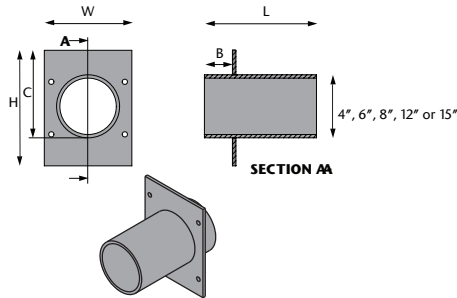
ACO Specification Information



ACO STORMBRIXX HD

Stormwater Detention/Infiltration/Retention System

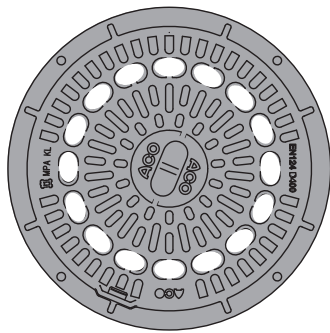
Horizontal pipe connector



	B mm (in)	C mm (in)	H mm (in)	W mm (in)	L mm (in)
SDR35 - 4"	51 (2.00)	186 (7.33)	210 (8.29)	170 (6.70)	203 (8.00)
SDR35 - 6"	51 (2.00)	227 (8.95)	252 (9.93)	259 (10.22)	203 (8.00)
SDR35 - 8"	51 (2.00)	265 (10.46)	289 (11.39)	295 (11.64)	203 (8.00)
SDR35 - 12"	51 (2.00)	342 (13.48)	363 (14.30)	423 (16.66)	203 (8.00)
SDR35 - 15"	51 (2.00)	471 (18.61)	493 (19.44)	493 (19.44)	203 (8.00)

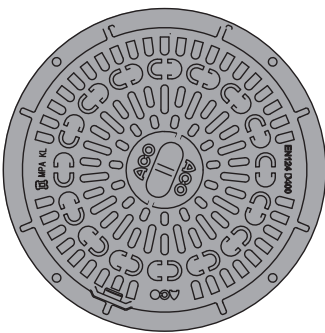
Access cover and frame

Vented

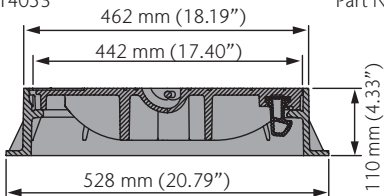


Part No. 314053

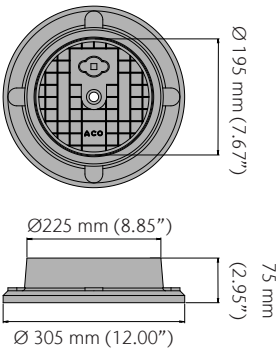
Non vented



Part No. 314043



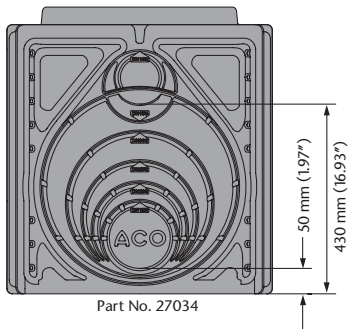
Inspection point cover and frame



Part No. 314044

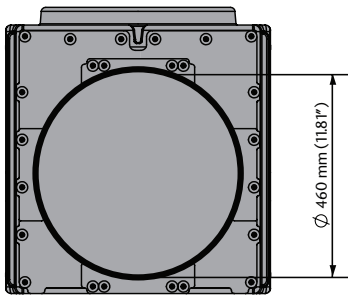
Remote access unit

Remote access unit

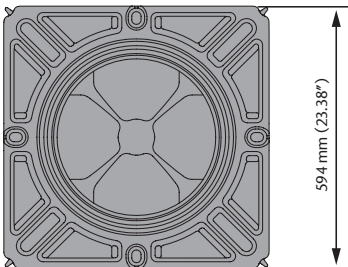
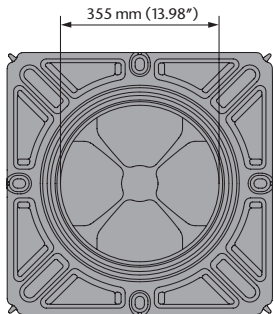
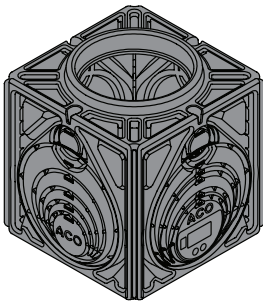


Part No. 27034

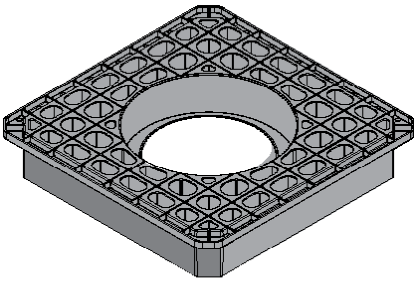
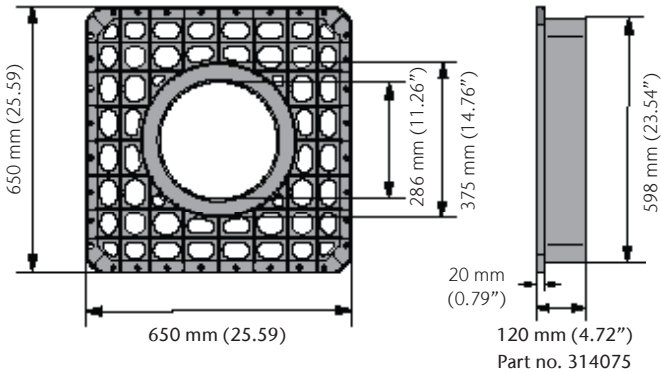
Remote access unit
with adapter plate



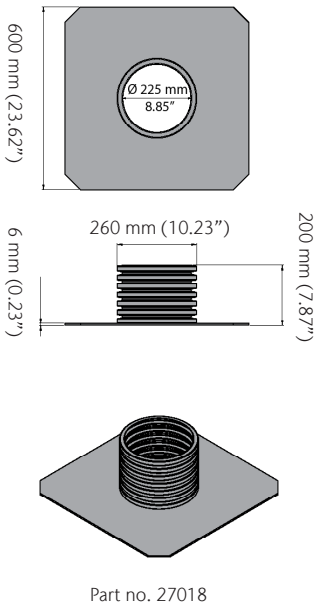
Part No. 138140



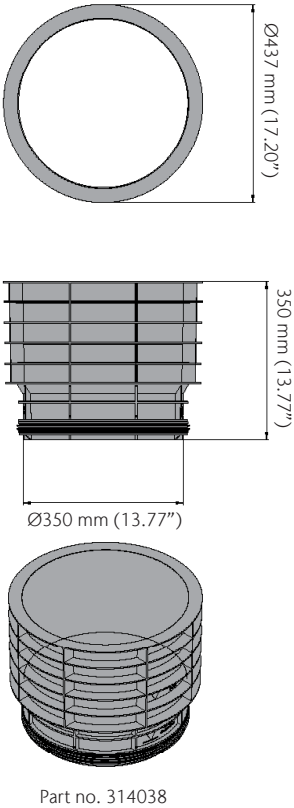
Remote access plate



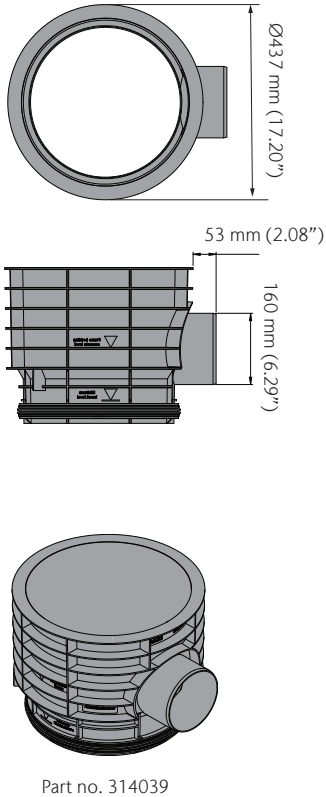
Inspection point connector



Inspection shaft



Inspection shaft with socket



ACO STORMBRIXX HD

Stormwater Detention/Infiltration/Retention System

Parts Table

	Dimensions			Weight kg (lbs)	Part No.
	Length mm (in)	Width mm (in)	Depth mm (in)		
StormBrixx HD Half-module	1205 (47.44)	600 (23.62)	342 (13.46)	9.9 (22.0)	314061
StormBrixx HD Side Panel	600 (23.63)	600 (23.62)	55 (2.17)	1.6 (3.50)	314062
StormBrixx HD Top Cover	548 (21.57)	548 (21.57)	43 (1.70)	0.80 (1.7)	314022
Layer connectors	100 (3.94)	40 (1.58)	46 (1.82)	0.10 (0.2)	314023
Remote Access Plate	660 (25.99)	660 (25.99)	120 (4.73)	6.21 (13.70)	314075
Remote Access Unit	595 (23.39)	595 (23.39)	610 (24.02)	31.93 (70.4)	27034
Remote Access Unit with Adaptor Plate	620 (24.41)	594 (23.39)	610 (24.02)	31.93 (70.4)	138140
Remote Access Cover - Ductile Iron (Load Class D400)	528 (20.79)	528 (20.79)	110 (4.34)	39.30 (86.46)	314043
Remote Access Vented Cover - Ductile iron (Load Class D400)	528 (20.79)	528 (20.79)	110 (4.34)	37.92 (83.6)	314053
Inspection Point Cover - Ductile iron	Ø160* (6.30)	Ø160* (6.30)	-	52.00 (114.6)	314044
Access Shaft Module	437 (17.21)	437 (17.21)	350 (13.78)	2.50 (5.5)	314038
Access Shaft Module with Socket	437 (17.21) DND/OD 160	437 (17.21) DND/OD 160	350 (13.78)	2.80 (6.1)	314039
Vertical Inspection Point Connector	-	Ø8.86* (225)	200 (7.88)	2.50 (5.5)	27018
Horizontal Pipe Connectors					
SDR35 - 4"		102* (4.00)	-	0.87 (1.93)	93139
SDR35 - 6"		152* (6.00)	-	1.49 (3.29)	93140
SDR35 - 8"		203* (8.00)	-	1.95 (4.31)	93141
SDR35 - 12"		305* (12.00)	-	3.17 (7.00)	93142
SDR35 - 15"		381* (15.00)	-	4.89 (10.80)	93144

Specifications

General

The storm water Detention*/Infiltration*/Retention* system shall be ACO Stormbrixx HD as distributed by ACO Systems, Ltd. Meets AASHTO H-25 and HS-25 loading conditions.

Materials

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

Tensile impact strength:
319 kJ/m² (152 ft-lb/in²)

Tensile strength, ultimate:
23,994 kpa (3,480 psi)

Water absorption: 0.01%

Frost proof, salt proof and fuels and oils resistant

The stormwater tank shall provide an average 95% open area¹, holding up to 0.41¹ m³ (14.71 cubic feet¹) per cell (2 half modules assembled) and offer full access to all areas and levels for maintenance.

Geomembranes/Geotextiles

The StormBrixx system shall be wrapped in appropriate permeable geotextile* or impermeable geomembrane with geotextile protection* (supplied by others) as indicated by project design engineer.

Accessories

The StormBrixx system shall be used in conjunction with inspection shaft**/access chamber**. See separate Spec Info sheets and related drawings for further details.

Installation

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

* Choose one /** Choose none, one or more

¹ Configuration and use of side/top panels will marginally impact these figures

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