



Atlas
STORMWATER

AtlasChamber
Modular Stormwater Storage & Detention



AtlanChamber is an inground modular arch system which is used for on-site detention, retention and infiltration applications.

The system is encased by an impermeable LLDPE liner which is sealed and watertight. The open-bottom arches allow the stormwater runoff to balance across the tank through the clean aggregate stone (20-50mm/0.7-1.9” ballast) which surround the arches.

FEATURES

- High density polypropylene
- Injection molding
- Large capacity to fit tight footprints
- Robust continuous true elliptical arch design
- Integrated handles
- Open chamber design
- Pollutant removal solution

BENEFITS

DESIGN FLEXIBILITY

Our extensive range of 4 different arch heights provides freedom in design, and the ability to increase tank volume to suit your available footprint.

TRAFFICABILITY

Not only can the AtlanChamber be implemented in landscape areas, but the structural design of the arch also allows for superior load ratings. This allows the system to be installed in areas such as car parks, transport depots, and driveways.

FAST INSTALLATION

The arches are lightweight and are easily handled. The system requires less components than other like-systems and can save contractors days in install time.

EASY MAINTENANCE

Our patented Isolator Row allows easy maintenance. Pollutants are captured upon entering the tank and prevented from spreading throughout.

SPECIFICATION

The AtlanChamber is very easy to specify using our 'Ready-Reckoner' tables (see following pages.) These allow for multiple applications.

APPLICATIONS

Applications include commercial, industrial and shopping centre OSD in car parks along with recreational grounds, stormwater harvesting and bioretention.

CHAMBERS LONG	QUANTITY (LENGTH)	CHAMBERS WIDE QUANTITY (WIDTH)									
		QTY	1 (1.8m / 5.9') (m ³ / ft ³)	2 (3.1m / 10.1') (m ³ / ft ³)	3 (4.4m / 14.4') (m ³ / ft ³)	4 (5.7m / 18.7') (m ³ / ft ³)	5 (7.0m / 22.9') (m ³ / ft ³)	6 (8.3m / 27.2') (m ³ / ft ³)	7 (9.6m / 31.5') (m ³ / ft ³)	8 (10.9m / 35.8') (m ³ / ft ³)	9 (12.3m / 40.3') (m ³ / ft ³)
1 (2.2m / 7.2')	2 / 70.6	4 / 141.2	5 / 176.6	6 / 211.9	8 / 282.5	9 / 317.8	11 / 388.5	12 / 423.8	13 / 459.1	15 / 529.7	
2 (3.2m / 10.5')	3 / 105.9	5 / 176.6	8 / 282.5	10 / 353.1	12 / 423.8	14 / 494.4	17 / 600.	19 / 671	21 / 741.6	23 / 812.2	
3 (4.2m / 13.7')	4 / 141.2	7 / 247.2	10 / 353.1	13 / 459.1	16 / 565	19 / 671	23 / 812.24	26 / 918.2	29 / 1024.1	32 / 1130.1	
4 (5.2m / 17')	5 / 176.6	9 / 317.8	13 / 459.1	17 / 600.	21 / 741.6	25 / 882.9	28 / 988.8	32 / 1130.1	36 / 1271.3	40 / 1412.6	
5 (6.2m / 20.3')	6 / 211.9	11 / 388.5	16 / 565	20 / 706.3	25 / 882.9	30 / 1059.4	34 / 1200.7	39 / 1377.3	44 / 1553.8	48 / 1695.1	
6 (7.2m / 23.6')	7 / 247.2	13 / 459.1	18 / 635.6	24 / 847.5	29 / 1024.1	35 / 1263	40 / 1412.6	46 / 1624.5	51 / 1801.1	57 / 2012.9	
7 (8.2m / 26.9')	8 / 282.5	15 / 529.7	21 / 741.6	27 / 953.5	34 / 1200.7	40 / 1412.6	46 / 1624.5	53 / 1871.7	59 / 2083.6	65 / 2295.4	
8 (9.2m / 30.2')	9 / 317.8	16 / 565	24 / 847.5	31 / 1094.8	38 / 1342	45 / 1589.2	52 / 1836.4	59 / 2083.6	67 / 2366.1	74 / 2613.3	
9 (10.2m / 33.5')	10 / 353.1	18 / 635.6	26 / 918.2	34 / 1200.7	42 / 1483.2	50 / 1765.7	58 / 2048.2	66 / 2330.7	74 / 2613.3	82 / 2895.8	
10 (11.2m / 36.7')	11 / 388.5	20 / 706.3	29 / 1024.1	38 / 1342	46 / 1624.5	55 / 1942.3	64 / 2260.1	73 / 2578	82 / 2895.8	91 / 3213.6	
11 (12.2m / 40')	12 / 423.8	22 / 776.9	31 / 1094.8	41 / 1447.9	51 / 1801.1	60 / 2118.9	70 / 2472	80 / 2825.2	89 / 3143	99 / 3496.2	
12 (13.2m / 43.3')	13 / 459.1	24 / 847.5	34 / 1200.7	45 / 1589.2	55 / 1942.3	65 / 2295.4	76 / 2683.9	86 / 3037	97 / 3425.5	107 / 3778.7	
13 (14.2m / 46.6')	14 / 494.4	26 / 918.2	37 / 1306.6	48 / 1695.1	59 / 2083.6	71 / 2507.3	82 / 2895.8	93 / 3284.3	104 / 3672.7	116 / 4096.5	
14 (15.2m / 49.9')	15 / 529.7	27 / 953.5	39 / 1377.3	52 / 1836.4	64 / 2260.1	76 / 2683.9	88 / 3107.7	100 / 3531.5	112 / 3955.2	124 / 4379	
15 (16.2m / 53.1')	16 / 565	29 / 1024.1	42 / 1483.2	55 / 1942.3	68 / 2401.4	81 / 2860.5	94 / 3319.6	107 / 3778.7	120 / 4237.8	133 / 4696.9	
16 (17.2m / 56.4')	17 / 600.3	31 / 1094.8	45 / 1589.2	58 / 2048.2	72 / 2542.7	86 / 3037	100 / 3531.5	113 / 3990.6	127 / 4485	141 / 4979.4	
17 (18.2m / 59.7')	18 / 635.	33 / 1165.4	47 / 1659.8	62 / 2189.5	76 / 2683.9	91 / 3213.6	106 / 3743.3	120 / 4237.8	135 / 4767.5	149 / 5261.9	
18 (19.2m / 63')	19 / 671	35 / 1263	50 / 1765.7	65 / 2295.4	81 / 2860.5	96 / 3390.2	112 / 3955.2	127 / 4485	142 / 5014.7	158 / 5579.7	
19 (20.2m / 66.2')	20 / 706.3	37 / 1306.6	53 / 1871.7	69 / 2436.7	85 / 3001.7	101 / 3566.8	118 / 4176.1	134 / 4732.2	150 / 5297.2	166 / 5862.2	
20 (21.2m / 69.5')	21 / 741.6	38 / 1342	55 / 1942.3	72 / 2542.7	89 / 3143	106 / 3743.3	123 / 4343.7	141 / 4979.4	158 / 5579.7	175 / 6180.1	
21 (22.2m / 72.8')	22 / 776.9	40 / 1412.6	58 / 2048.2	76 / 2683.9	94 / 3319.6	112 / 3955.2	129 / 4555.6	147 / 5191.3	165 / 5826.9	183 / 6462.6	
22 (23.2m / 76.1')	23 / 812.2	42 / 1483.2	61 / 2154.2	79 / 2789.9	98 / 3460.8	117 / 4131.8	135 / 4767.5	154 / 5438.5	173 / 6109.4	191 / 6745.1	
23 (24.2m / 79.4')	24 / 847.5	44 / 1553.8	63 / 2224.8	83 / 2931.1	102 / 3602.1	122 / 4208.4	141 / 4979.4	161 / 5685.7	180 / 6356.6	200 / 7062.9	
24 (25.2m / 82.7')	25 / 882.9	46 / 1624.5	66 / 2330.7	86 / 3037	107 / 3778.7	127 / 4485	147 / 5191.3	168 / 5932.9	188 / 6639.2	208 / 7345.5	



Joy in water

'We believe clean waterways are a right not a privilege and we work to ensure a Joy in Water experience for you, with your children and grandchildren.'

Andy Hornbuckle

LEARN MORE



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