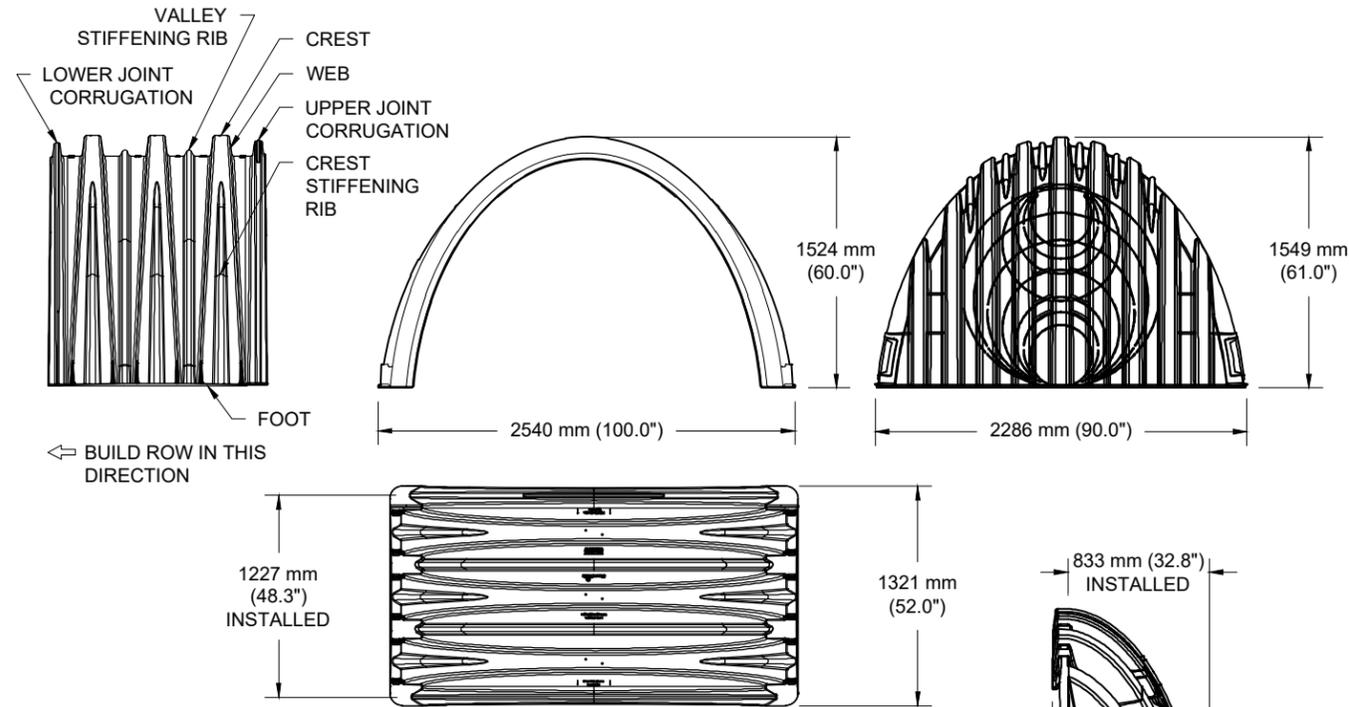


MC-4500 TECHNICAL SPECIFICATION

NTS



NOMINAL CHAMBER SPECIFICATIONS

| | | |
|---------------------------------|-----------------------------|--------------------------|
| SIZE (W X H X INSTALLED LENGTH) | 2540 mm X 1524 mm X 1227 mm | (100.0" X 60.0" X 48.3") |
| CHAMBER STORAGE | 3.01 m ³ | (106.5 CUBIC FEET) |
| MINIMUM INSTALLED STORAGE* | 4.60 m ³ | (162.6 CUBIC FEET) |
| WEIGHT (NOMINAL) | 56.7 kg | (125.0 lbs.) |

NOMINAL END CAP SPECIFICATIONS

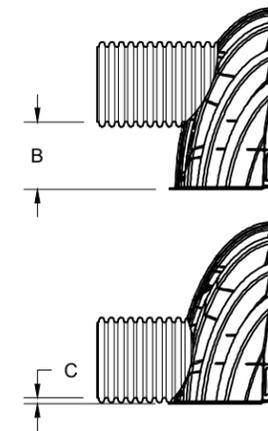
| | | |
|---------------------------------|----------------------------|-------------------------|
| SIZE (W X H X INSTALLED LENGTH) | 2286 mm X 1549 mm X 833 mm | (90.0" X 61.0" X 32.8") |
| END CAP STORAGE | 1.12 m ³ | (39.5 CUBIC FEET) |
| MINIMUM INSTALLED STORAGE* | 3.26 m ³ | (115.3 CUBIC FEET) |
| WEIGHT (NOMINAL) | 40.8 kg | (90 lbs.) |

*ASSUMES 305 mm (12") STONE ABOVE, 229 mm (9") STONE FOUNDATION AND BETWEEN CHAMBERS, 305 mm (12") STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY.

PARTIAL CUT HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
 PARTIAL CUT HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
 END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

| PART # | STUB | B | C |
|----------------|---------------|------------------|---------------|
| MC4500IEPP06T | 150 mm (6") | 1081 mm (42.54") | --- |
| MC4500IEPP06B | | --- | 22 mm (0.86") |
| MC4500IEPP08T | 200 mm (8") | 1029 mm (40.50") | --- |
| MC4500IEPP08B | | --- | 26 mm (1.01") |
| MC4500IEPP10T | 250 mm (10") | 975 mm (38.37") | --- |
| MC4500IEPP10B | | --- | 34 mm (1.33") |
| MC4500IEPP12T | 300 mm (12") | 907 mm (35.69") | --- |
| MC4500IEPP12B | | --- | 39 mm (1.55") |
| MC4500IEPP15T | 375 mm (15") | 831 mm (32.72") | --- |
| MC4500IEPP15B | | --- | 43 mm (1.70") |
| MC4500IEPP18T | 450 mm (18") | 746 mm (29.36") | --- |
| MC4500IEPP18TW | | | --- |
| MC4500IEPP18B | | --- | 50 (1.97") |
| MC4500IEPP18BW | | --- | --- |
| MC4500IEPP24T | 600 mm (24") | 585 mm (23.05") | --- |
| MC4500IEPP24TW | | | --- |
| MC4500IEPP24B | | --- | 57 mm (2.26") |
| MC4500IEPP24BW | | --- | --- |
| MC4500IEPP30BW | 750 mm (30") | --- | 75 mm (2.95") |
| MC4500IEPP36BW | 900 mm (36") | --- | 83 mm (3.25") |
| MC4500IEPP42BW | 1050 mm (42") | --- | 90 mm (3.55") |

NOTE: ALL DIMENSIONS ARE NOMINAL



CUSTOM PREFABRICATED INVERTS ARE AVAILABLE UPON REQUEST. INVENTORIED MANIFOLDS INCLUDE 300-600 mm (12-24") SIZE ON SIZE AND 375-1200 mm (15-48") ECCENTRIC MANIFOLDS. CUSTOM INVERT LOCATIONS ON THE MC-4500 END CAP CUT IN THE FIELD ARE NOT RECOMMENDED FOR PIPE SIZES GREATER THAN 250 mm (10"). THE INVERT LOCATION IN COLUMN 'B' ARE THE HIGHEST POSSIBLE FOR THE PIPE SIZE.

TECHNICAL SPECIFICATIONS
 MC-4500 CHAMBER

DATE: 04/30/25 DRAWN: SMW
 DRAWING #: 724-410_C CHECKED: JLM

| DATE | DRWN | CHKD | DESCRIPTION |
|------|------|------|-------------|
| | | | |

StormTech[®]
 Chamber System

4640 TRUEMAN BLVD
 HILLIARD, OH 43026



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