

# Pump Chamber Volumes

~~~ To be used as a guide only - Customer to confirm measurements & values ~~~

## Inside dimensions from tank bottom to:

| PID #                 | Underside Lid<br>L x W x H | Inlet<br>Invert  | Outlet<br>Invert | Imp. Gal<br>/ Vert Inch | Litres<br>/ Vert Inch | US Gal<br>/ Vert Inch | V-Value<br>Inches / US Gal |        |
|-----------------------|----------------------------|------------------|------------------|-------------------------|-----------------------|-----------------------|----------------------------|--------|
| <b>Manhole Barrel</b> |                            |                  |                  |                         |                       |                       |                            |        |
| 0151                  | 36" ID PC                  | 36" Ø x 32"      |                  | 3.7                     | 16.8                  | 4.42                  | 0.226                      |        |
| 0152                  | 42" ID PC                  | 42" Ø x 32"      |                  | 5.0                     | 22.7                  | 6.00                  | 0.167                      |        |
| 0153                  | 48" ID PC                  | 48" Ø x 35"      |                  | 6.5                     | 29.7                  | 7.83                  | 0.128                      |        |
|                       | 60" ID PC                  | 60" Ø x 35"      |                  | 10.3                    | 47.1                  | 12.42                 | 0.0805                     |        |
|                       | 72" ID PC                  | 72" Ø x 35"      |                  | 14.6                    | 66.6                  | 17.58                 | 0.0569                     |        |
| <b>Mid Seam</b>       |                            |                  |                  |                         |                       |                       |                            |        |
| 0100                  | 600 Gal PC                 | 80" x 34" x 63"  | 57"              | 55"                     | 9.8                   | 44.7                  | 11.78                      | 0.0849 |
| 0103                  | 800 Gal PC                 | 94" x 44" x 63"  | 57"              | 55"                     | 14.9                  | 67.9                  | 17.91                      | 0.0558 |
| 0104                  | 1000 Gal PC                | 94" x 52" x 67"  | 58"              | 56"                     | 17.6                  | 80.2                  | 21.17                      | 0.0472 |
| 0105                  | 1200 Gal PC                | 94" x 52" x 80"  | 69"              | 67"                     | 17.6                  | 80.2                  | 21.17                      | 0.0472 |
| <b>Top Seam</b>       |                            |                  |                  |                         |                       |                       |                            |        |
| 0107                  | 600 Gal PC                 | 96" x 56" x 47"  | 40"              | 38"                     | 19.4                  | 88.1                  | 23.3                       | 0.0429 |
| 0108                  | 650 Gal PC                 | 72" x 48" x 60"  | 54"              | 52"                     | 12.5                  | 56.8                  | 15                         | 0.0668 |
| 0109                  | 850 Gal PC                 | 96" x 48" x 60"  | 54"              | 52"                     | 16.6                  | 75.6                  | 19.95                      | 0.05   |
| 0110                  | 1000 Gal PC                | 107" x 70" x 47" | 40"              | 38"                     | 26.9                  | 122.9                 | 32.43                      | 0.0308 |
| 0111                  | 1200 Gal PC                | 107" x 70" x 55" | 48"              | 46"                     | 26.9                  | 122.9                 | 32.43                      | 0.0308 |
| 0112                  | 1450 Gal PC                | 107" x 70" x 63" | 56"              | 54"                     | 26.9                  | 122.9                 | 32.43                      | 0.0308 |
| 0113                  | 1500 Gal PC                | 107" x 70" x 65" | 58"              | 56"                     | 26.9                  | 122.9                 | 32.43                      | 0.0308 |
| <b>Top Seam</b>       |                            |                  |                  |                         |                       |                       |                            |        |
| 0115-20               | 2000 Gal PC                | 158" x 70" x 60" | 53"              | 51"                     | 39.8                  | 181.5                 | 47.89                      | 0.0209 |
| 0115-25               | 2500 Gal PC                | 148" x 94" x 60" | 53"              | 51"                     | 50.0                  | 228.3                 | 60.24                      | 0.0166 |
| 0115-30               | 3000 Gal PC                | 182" x 94" x 60" | 53"              | 51"                     | 61.5                  | 280.8                 | 74.08                      | 0.0135 |
| 0115-35               | 3500 Gal PC                | 208" x 94" x 60" | 53"              | 51"                     | 70.3                  | 320.9                 | 84.66                      | 0.0118 |
| 0115-40               | 4000 Gal PC                | 194" x 94" x 72" | 65"              | 63"                     | 65.5                  | 299.3                 | 78.96                      | 0.0127 |
| 0115-45               | 4500 Gal PC                | 218" x 94" x 72" | 65"              | 63"                     | 73.7                  | 336.3                 | 88.73                      | 0.0113 |
| 0115-50               | 5000 Gal PC                | 238" x 94" x 72" | 65"              | 63"                     | 80.4                  | 367.1                 | 96.87                      | 0.0103 |