**Biodigester ‘PA’ Sewage Treatment Plants - Technical Data**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Ref** | **Population**  **or**  **PE** | **Max Flow M³/Day** | **Max BOD Kg/Day** | **Length**  **‘A’**  **M** | **Width ‘B’**  **M** | **Depth ‘C’**  **M** | **Single Phase**  **Air Blower Rating Watts** | **Weight Tonnes** |
| **Biodigester PA25 S1** | 25 | 3.75 | 1.50 | 2.50M Diameter | | 1.91 | 120 | 0.8 |
| **Biodigester PA30 S1** | 30 | 4.50 | 1.80 | 4.10 | 1.62 | 1.91 | 200 | 1.2 |
| **Biodigester PA40 S1** | 40 | 6.00 | 2.40 | 4.50 | 1.62 | 1.91 | 370 | 1.4 |
| **Biodigester PA50 S1** | 50 | 7.50 | 3.00 | 5.10 | 2.12 | 1.91 | 700 | 1.7 |
| **Biodigester PA60 S1** | 60 | 9.00 | 3.60 | 5.60 | 2.12 | 1.91 | 700 | 1.2 |
| **Biodigester PA70 S1** | 70 | 10.50 | 4.20 | 6.00 | 2.12 | 1.91 | 700 | 2.0 |
| **Biodigester PA80 S1** | 80 | 12.00 | 4.80 | 6.60 | 2.12 | 1.91 | 700 | 24 |
| **Biodigester PA90 S1** | 90 | 13.50 | 5.40 | 7.50 | 2.12 | 1.91 | 700 | 2.6 |
| **Biodigester PA100 S1** | 100 | 15.00 | 6.00 | 7.50 | 2.52 | 1.91 | 700 | 2.9 |
| **Biodigester PA125 S1** | 125 | 18.75 | 7.50 | 9.00 | 2.52 | 1.91 | 750 | 3.1 |
| **Biodigester PA150 S1** | 150 | 22.50 | 9.00 | 10.50 | 2.52 | 1.91 | 1100 | 3.3 |
| **Biodigester PA175 S1** | 175 | 26.25 | 10.50 | 11.25 | 2.52 | 1.91 | 1100 | 3.4 |
| **Biodigester PA200 S1** | 200 | 30.00 | 12.00 | 12.00 | 2.52 | 1.91 | 1100 | 3.5 |
| **Biodigester PA225 S1** | 225 | 33.75 | 13.50 | 10.80 | 2.52 | 2.41 | 1500 | 3.6 |
| **Biodigester PA250 S1** | 250 | 37.50 | 15.00 | 12.00 | 2.52 | 2.41 | 1500 | 3.7 |
| **Biodigester PA275 S1** | 275 | 41.25 | 16.50 | 11.00 | 2.52 | 2.61 | 2200 | 3.8 |
| **Biodigester PA300 S1** | 300 | 46.00 | 18.00 | 12.00 | 2.52 | 2.61 | 2200 | 3.9 |
| For dimensions ‘A’, ‘B’ and ‘C’ see Biodigester ‘PA’ Diagram | | | | | | | | |
| For Biodigester ‘PA’ S1’s Inlet Invert 600mm, Outlet Invert 700mm | | | | | | | | |
| Option of pumped outlet. Twin pumps. 50mm Internal Diameter | | | | | | | | |