

# Technical Specifications

|   | TM1  | TM2            | TM3            | TM4            |
|---|--|----------------|----------------|----------------|
| <b>Dimensions Casing:</b>   |  |                |                |                |
| <b>length (mm):</b>   | 715  | 765            | 830            | 1180           |
| <b>width (mm):</b>  | 300  | 605            | 830            | 830            |
| <b>height (mm):</b>   | 410  | 595            | 825            | 825            |
| <b>Dimensions Drum:</b>   |  |                |                |                |
| <b>dia. (mm):</b>   | 238  | 400            | 650            | 650            |
| <b>length (mm):</b>   | 340  | 300            | 350            | 700            |
| <b>Total surface area filter screen (m<sup>2</sup>):</b>                  | 0,25   | 0,38           | 0,71           | 1,43           |
| <b>Effective surface area filter screen (m<sup>2</sup>):</b>              | 0,11   | 0,17           | 0,34           | 0,66           |
| <b>Standard mesh size filter screen (μm):</b>                             | 60   | 60             | 60             | 60             |
| <b>Standard flow rate (m<sup>3</sup>/h):</b>                              | 5 - 7,5  | 15 - 20        | 30 - 40        | 60 - 75        |
| <b>Effective surface area to flow rate (m<sup>2</sup>/m<sup>3</sup>):</b> | 0,023 - 0,015  | 0,011 - 0,0084 | 0,011 - 0,0084 | 0,011 - 0,0088 |
| <b><u>Diameter connections:</u></b>                                       |  |                |                |                |
| <b>Inlet (mm):</b>  | 1 x 75   | 1 x 110        | 1 x 160        | 1 x 200        |
| <b>Outlet (mm):</b>   | 1 x 63   | 1 x 110        | 1 x 160        | 1 x 200        |
| <b>Waste Outlet (mm):</b>   | 1 x 50   | 1 x 110        | 1 x 110        | 1 x 110        |
| <b>Motor AC (kW):</b>   | 0,18   | 0,18           | 0,18           | 0,37           |
| <b>Electrical Supply Sensor/Motor:</b>                                    | 24V / 230V / 50Hz  |                |                |                |
| <b>Classification Control box Casings:</b>                                | IP66   |                |                |                |
| <b>Classification Buttons/Switches CB:</b>                                | IP65   |                |                |                |
| <b>Electrical Supply Control box:</b>                                     | 230V / 50Hz (standard model)                               |                |                |                |
| <b><u>Materials of Construction:</u></b>                                  |  |                |                |                |
| <b>HDPE:</b>  | Casing, Filter Drum, Support Screen, Waste Water Tray etc. |                |                |                |
| <b>Inox A4:</b>   | Drive axis, Screws   |                |                |                |
| <b>POM:</b>   | Drum gear, drive gear                                      |                |                |                |
| <b>PP:</b>  | Spray Nozzles  |                |                |                |
| <b>Nylon:</b>   | Mesh   |                |                |                |