

DRUMFILTERS

| DIMENSIONS: | | TM1 | TM2 | TM3 | TM4 | TM5 |
|--|--|---------------|----------------|----------------|----------------|---------------|
| Dimensions Casing : | Lenght (mm) | 715 | 765 | 830 | 1180 | 990 |
| | Width (mm) | 300 | 605 | 830 | 830 | 1110 |
| | Height (mm) | 410 | 595 | 825 | 825 | 1180 |
| Dimensions Drum : | Diameter (mm) | 238 | 400 | 650 | 650 | 980 |
| | Lenght (mm) | 340 | 300 | 350 | 700 | 725 |
| Filter screen : | Total Surface Area - TSA (m ²) | 0,25 | 0,38 | 0,71 | 1,43 | 2,23 |
| | Effective Surface Area - ESA (m ²) | 0,11 | 0,17 | 0,34 | 0,66 | 1,12 |
| | Standard Mesh Size (µm) | 60 | 60 | 60 | 60 | 60 |
| Standard Flow Rate - SFR (m ³ /h) : | | 5 - 7 | 15 - 20 | 30 - 40 | 60 - 75 | 120 - 140 |
| Ratio ESA to SFR | | 0,023 - 0,015 | 0,011 - 0,0084 | 0,011 - 0,0084 | 0,011 - 0,0088 | 0,011 - 0,009 |
| Process integration : | Inlet (mm) | 1 x Ø63 | 1 x Ø110 | 1 x Ø160 | 1 x Ø200 | 1 x Ø250 |
| | Outlet (mm) | 1 x Ø75 | 1 x Ø110 | 1 x Ø160 | 1 x Ø200 | 1 x Ø250 |
| | Waste water outlet (mm) | 1 x Ø50 | 1 x Ø110 | 1 x Ø110 | 1 x Ø110 | 1 x Ø110 |

ELECTRICAL SPECIFICATIONS:

| | | | | | | |
|--------------|-----------------------------|-------------------|--------|-----------|-----------|-----------|
| Connection : | 1 phase / 110-230Vac (50Hz) | Std | Std | Option | Option | Option |
| | 3 phase / 220/380Vac (50Hz) | Option | Option | Std + VFD | Std + VFD | Std + VFD |
| Voltage | 1 phase | 110-230Vac (50Hz) | | | | |
| | 3 phase | 220/380Vac (50Hz) | | | | |
| Motor (kW) | | 0,18 | 0,18 | 0,55 | 0,55 | 0,55 |

MATERIAL SPECIFICATIONS:

| | |
|---------------------|--|
| HDPE | Casing / Filter drum / Support screen / Waste water tray / ... |
| POM | Drum gear / Drive gear / Bearings |
| PP | Spray Nozzles |
| Nylon | Mesh |
| Stainless Steel 316 | Drive Axis / screws |

