

DRUMFILTERS

DIMENSIONS:		TM1	TM2	TM3	TM4	TM5
Dimensions Casing :	Lenght (ft.)	2.346	2.510	2.723	3.871	3.248
	Width (ft.)	0.984	1.985	2.723	2.723	3.642
	Height (ft.)	1.345	1.952	2.707	2.707	3.871
Dimensions Drum :	Diameter (inch)	9.37	15.75	25.59	25.59	38.58
	Lenght (ft.)	1.115	0.984	1.148	2.297	2.379
Filter screen :	Total Surface Area - TSA (sq.ft.)	2.69	4.09	7.64	15.39	24.00
	Effective Surface Area - ESA (sq.ft.)	1.18	1.83	3.66	7.10	12.06
	Standard Mesh Size (mil)	2.362	2.362	2.362	2.362	2.362
Standard Flow Rate - SFR (gal./h) :		1320 - 1850	3960 - 5280	7930 - 10570	15850 - 19810	31700 - 36980
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 (inch)	1 x Ø2.48	1 x Ø4.33	1 x Ø6.30	1 x Ø7.87	1 x Ø9.84
	Outlet (inch)	1 x Ø2.95	1 x Ø4.33	1 x Ø6.30	1 x Ø7.87	1 x Ø9.84
	Waste water outlet (inch)	1 x Ø1.97	1 x Ø4.33	1 x Ø4.33	1 x Ø4.33	1 x Ø4.33

ELECTRICAL SPECIFICATIONS:

Connection :	1 phase / 110-208Vac (60Hz)	Std	Std	Std + VFD	Std + VFD	Std + VFD
	3 phase / 220/380Vac (60Hz)	Option	Option	Option	Option	Option
Voltage	1 phase	110-208Vac (60Hz)				
	3 phase	220-380Vac (60Hz)				
Motor (HP)		0.24	0.24	0.75	0.75	0.75

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