

MYT.H4S1-52

Submerged MBR Membrane Modules for Water & Wastewater Treatment

Module Specification

Type Name	MYT.H4S1-52		
Membrane Area	m ²	52 on 1 levels	
Width A Max. Width	mm	510	780
Length B Max. Length	mm	1136	1470
Height C Max. Height	mm	1074	1120
Dry Weight Wet Weight Wo. Solids	kg	115	148
Air Flow Rate Min Max	Nm ³ /h	28	66
Typical Design Air Flow Rate	Nm ³ /h	47	

Materials of construction

Base support and attachment parts	Steel parts in SS304, PVC-U
MYTEX.BLOCK	ABS, membrane sheets
Type of membrane	
Type, material	Ultrafiltration, PES
Nominal pore size	0.04 µm, 150 kDa
Aeration system	MBR tube diffusers, PU

Connections (other types on request)

Permeate	Flange PVC-U; DN32 (PN16)
Aeration	Flange SS304; DN32 (PN16), DIN2633

Operating conditions

Temperature range	°C	0 ... 50
Transmembrane pressure range *	mbar	-600 ... 300
pH range (cleaning)	-	2 ... 11
Min chlorine resistance (active chlorine)	ppmh	500,000
Minimum water level	m	1.40

*Typical operational TMP; there is no lower TMP limit, the membrane can withstand the max. possible suction pressure.

