

Submerged Membrane Modules For Water And Wastewater Treatment

Fact Sheet

Module Specification

Type Name	520m ²		
Membrane Area	m ²	520 on 2+3 levels	
Width B Max. Width	mm	1204	1543
Length A Max. Length	mm	1024	1295
Height C Max. Height	mm	3377	3543
Dry Weight Wet Weight Wo. Solids	kg	645	910
Air Flow Rate Min Max	Nm ³ /h	58	134
Typical Design Air Flow Rate	Nm ³ /h	96	

Materials of construction

Base support and attachment parts	SS304, PVC-U
MYTEX.BLOCK	ABS, membrane sheets
Block membrane area and quantity	52m ² each, 10 pieces totally A single block replacement is easily done, benefit by the excellent design
Type of membrane	
Type, material	UF PES
Operation mode	Ultrafiltration
Nominal pore size	0.04 μm

Connections (other types on request)

Permeate	Flange PVC-U; DN40 (PN16)
Aeration	Flange SS304; DN65 (PN16), DIN2633

Operating conditions

Temperature range	°C	0..50
Transmembrane pressure range	mbar	-800 .. 300
Ph range (cleanings)	-	2..11
Min chlorine resistance (active chlorine)	ppmh	500.000
Minimum water level	m	3,8

