

MYT.H5L3-431

Submerged MBR Membrane Modules for Water & Wastewater Treatment

Module Specification

Type Name	MYT.H5L3-431		
Membrane Area	m ²	431 on 3 levels	
Width A Max. Width	mm	1178	1561
Length B Max. Length	mm	1538	1752
Height C Max. Height	mm	2302	2618
Dry Weight Wet Weight Wo. Solids	kg	588	804
Air Flow Rate Min Max	Nm ³ /h	84	196
Typical Design Air Flow Rate	Nm ³ /h	140	

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; DN65 (PN16)
Aeration	Socket steel; Rp 2"

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	2.65

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

