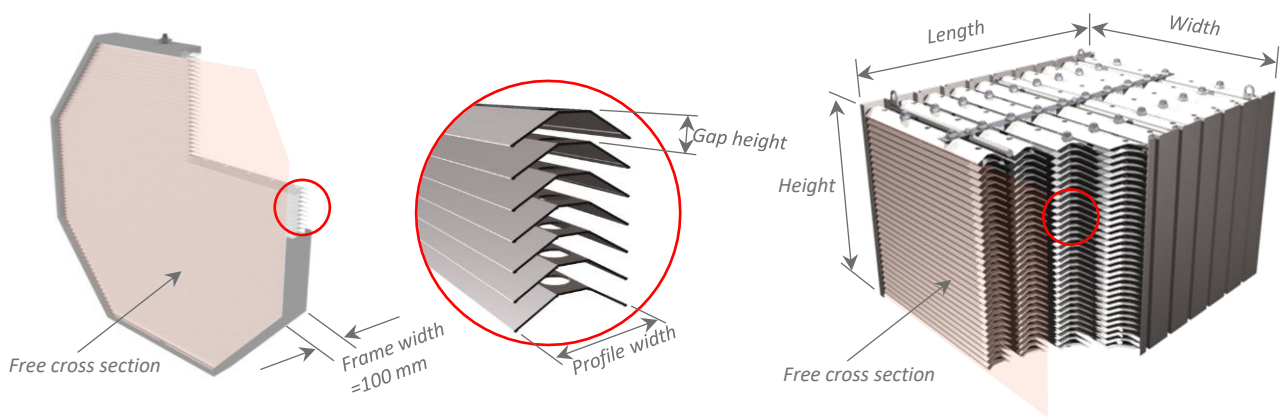


MPT profile rows and modules



MPT profile rows (pressurized operation)

MPT modules (unpressurized operation)

Types of MPT profile rows (pressurized operation)

		m400	m500	m600	m800
Cross-section	m ²	0.10	0.13	0.19	0.34
		m1000	m1200	m1400	m1600
Cross-section	m ²	0.52	0.85	1.10	1.54
		m1800	m2000	m2200	m2400
Cross-section	m ²	1.86	2.29	2.82	3.36

Types of MPT modules (unpressurized operation)

		m50	m75	m100	m125	m150
Height	mm	500				
Width	mm	500	750	1000	1250	1500
Length	mm	620	890			
Cross-section	m ²	0.17	0.27	0.38	0.48	0.58
No. of profile rows		7	10			

Process conditions

Density difference between both phases	kg/m ³	> 30
Viscosity of coherent phase	mPas	< 500
Viscosity of dispersed phase	mPas	< 1000
Mean settling time	min	< 60
Interfacial tension	mN/m	> 2
Concentration of dispersed phase	vol.-%	any
Solid particles	mg/L	< 50
Pressure drop, in operation	mbar	1 – 20

Efficiency

Separation efficiency	%	according to requirements
Separatable droplet diameter	µm	> 25

Specification

Gap heights	mm	5, 7, 14, 21
Profile width	mm	70

Materials

MPT profiles	Metals, PP (max.80°C), PVDF (max. 150°C)
Frames	Metals, PVDF, PTFE