

PRODUCT DATA SHEET - MODULE ST SERIES

The allrounders for sludge thickening applications

DESCRIPTION

- Filtration module with ceramic flat sheet membranes suitable for sludge thickening process and other applications with very high TSS concentrations
- Multi ceramic plate configuration with exchangeable single ceramic plates
- Extra large distance between single plates available in 3 standard configurations
- Internal filtered water piping
- Module housing fully made of glass fiber reinforced resin – free of any steel parts exchanger systems

STANDARD CONFIGURATIONS



SPECIFICATIONS

Module configuration	ST 20	ST 33	ST 46
Distance between ceramic plates	20 mm	33 mm	46 mm
Max. recommended cake layer thickness	7 mm	12 mm	18 mm
Max. sludge volume per module	21 L	27 L	36 L
No. of single ceramic plates	16	11	8
Filter active area	2.8 m ²	2.0 m ²	1.4 m ²
Dry weight	21.0 kg	16.9 kg	14.5 kg
Max. flow [m ³ /hr]	4.2 m ³ /hr	3.0 m ³ /hr	2.1 m ³ /hr
Dimension LxWxH [mm]	700x576x160 mm		
Module material	NORYL™ resin 30% glass fiber reinforced blend of PPE/PS		