

Swing MBR technical cut sheet

Conventional air scour. Differentiator: packing density + Swing-8 / Swing-9 modular SKUs (12.5-1104 m²). Proven via manufacturing collaboration / partnership.



Swing-8 cassette	114 sheets · 12.5 m ² · 8 mm
Swing-9 cassette	208 sheets · 23 m ² · 8 mm
Sheet size	250 x 250 mm · 0.11 m ²
Thickness	0.7 mm (Technical Manual)
Pore	avg 0.1 um · min 0.03 um (Manual)
Material	PVDF or PES
TMP	5-40 kPa
Filtration cycle	8 min ON / 2 min OFF
Flagship	Swing-8-2-4 = 100 m ²
Flagship envelope	1250 x 700 x 1830 mm
Flagship capacity	<=30 m ³ /d (Manual capacity column)
Air by deck (2-deck)	9.0 L/min·m ² (Manual Table 4)
Cleaning class	Conventional air scour
Domestic content	Project-specific. Ask.

Municipal m³/d column is the Technical Manual figure (0.3 m³ per m² per day), equal to 12.5 LMH continuous. The Manual also states a 20 LMH domestic design flux. At 20 LMH, 24 h, 100 m² would be 48 m³/d. We print the Manual capacity column as-is and do not reconcile the two here. Not plant-verified Zyramic data.

Modular range: 12.5 to 1104 m²

Decks x columns build the SKU. Industrial design flux typically <15 LMH. Flagship: Swing-8-2-4. Largest listed: Swing-9-4-12 = 1104 m².

Swing-8 (selected)

Model	Decks x cols	Area m ²	L x W x H mm	Municipal m ³ /d
Swing-8-1-1	1 x 1	12.5	400 x 700 x 1230	3.7
Swing-8-1-4	1 x 4	50	1250 x 700 x 1230	15.0
Swing-8-2-4	2 x 4	100	1250 x 700 x 1830	30.0
Swing-8-2-8	2 x 8	200	2250 x 700 x 1830	60.0
Swing-8-3-8	3 x 8	300	2250 x 700 x 2440	90.0

Swing-9 (selected; Manual Table 3)

Model	Decks x cols	Area m ²	L x W x H mm	Municipal m ³ /d
Swing-9-1-1	1 x 1	23	400 x 1100 x 1230	6.9
Swing-9-2-4	2 x 4	184	1250 x 1100 x 1830	55.2
Swing-9-2-8	2 x 8	368	2250 x 1100 x 1830	110.4
Swing-9-3-8	3 x 8	552	2250 x 1100 x 2440	165.6
Swing-9-4-12	4 x 12	1104	3300 x 1100 x 3000	331.2

Thickness and pore prefer Technical Manual. Support-layer wording omitted pending supplier reply. Cleaning class is conventional air scour only.