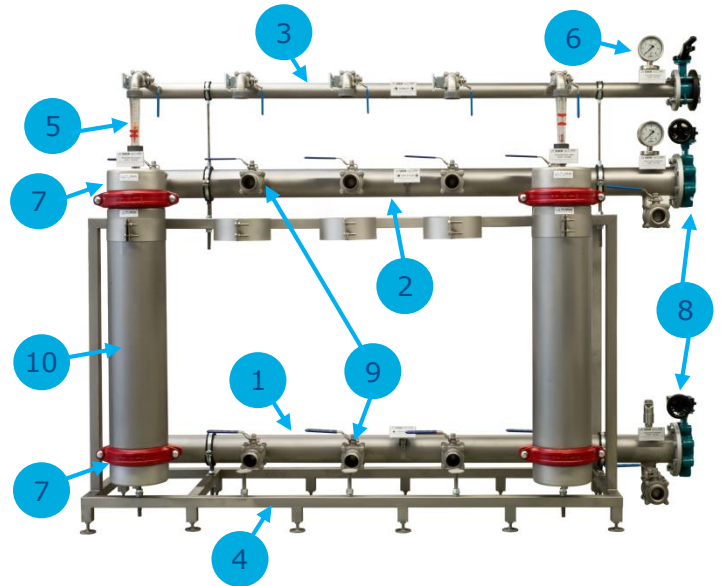


8" ECOAT Ultrafiltration Skid for max. 5 Unidesign Elements

Unidesign Skid

Item	Description	Amount	Size / Material
1	distributor pipe, paint inlet	1	DN100 / 304
2	distributor pipe, Paint outlet	1	DN100 / 304
3	distributor pipe, Permeate	1	DN50 / 304
4	stainless steel frame	1	304
5	Variable Area Flowmeter 0-1.600 l/h	5	304 silicon free
6	Pressure gauge, damped 100mm, 0-6 bar	2	304 silicon free
7	Connection KIT Unidesign	5	8 inch / 304
8	Butterfly valves	3	DN100/ DN50
9	Ball valves for individual element isolation	15	DN50/25 304, silicon free
10	Unidesign Element PVxxx-8640-xxH / R1-8640-xxH	3 - 5	Spiral element with integrated PVC housing



Note: more than 12 different Unidesign Elements are available, for cationic and anionic Paint / Permeate Recycling / Demi Water Recycling and other applications.

Operating Parameters‡

Elements in production	Pressure Inlet [bar]	Pressure outlet [bar]	delta P [bar]	paint flow# [m ³ /h]	permeate* [l/h]
3	2,5	0,7	1,8	48	~2.000 - 3.600
	4,9	2,5	2,4	57	
4	2,5	0,7	1,8	48	~2.600 - 4.800
	4,9	2,5	2,4	57	
5	2,5	0,7	1,8	48	~3.300 - 6.000
	4,9	2,5	2,4	57	

Skid Dimensions

Elements installed	Dimensions
3	2.200 x 650 x 1.800mm [lxbxh] 250 kg
4	2.200 x 650 x 1.800mm [lxbxh] 297 kg
5	2.200 x 650 x 1.800mm [lxbxh] 385 kg

‡ Recommended Nominal Values. Red = maximum / green = minimum. Consult factory / local office for detailed operating and cleaning instructions.

*Note: permeate output will vary depending on system design, paint bath chemistry, operating parameters and type of paint.

Data are based on demi water at 20°C and a specific gravity of 1.0