

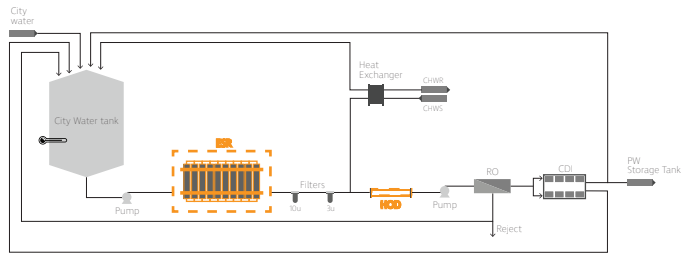
Standard configuration feed water specifications

Total Hardness (as CaCO₃): 50-300 ppm
Chlorides: 10-100 ppm
Iron: <0.2 ppm
SDI < 3
Chlorine < 1.0 ppm
Chloramine < 0.25 ppm
Silica: <10 ppm
Manganese: <0.02 ppm
CO₂: <20 ppm
Conductivity: 50-1000
pH: 6.5 - 8.0

Note

Feed water specifications are for standard systems, the Biopuremax can be configured for nearly any type of feed water including high levels of incoming silica, iron and manganese.

Chemical and Media Free PW/WFI Production System PFD



Performance

Parameter	Feed water	After Biopuremax
Total Count (cfu/ml)	< 500	< 10
Pseudomonas (per ml)	0-10	0
E-Coli (per ml)	0-100	0
Coliforms (per ml)	0-100	0

PW/WFI	Foot print	Operating weight (not including electrical cabinet)	Electrical	Chilled water (supply at 7°C, 45°F), cool after sanitization 3 Hrs	Steam 7 barg (sanitization heat up 2 Hrs)
L/hr	mm x mm	Kg	kW	1000 Kg/Hr	Kg/Hr
500	3,000x1,400	1,050	7.5	5.7	75
1,000	3,000x1,400	1,300	9.5	6.8	75
2,000	3,200x1,400	1,550	15	9.1	100
3,000	3,200x1,400	1,980	17.5	11.3	100
4,000	3,200x1,600	2,390	22.5	11.3	120
5,000	3,200x1,600	2,480	31.5	11.3	120
6,000	3,500x1,600	2,980	33	11.3	120
7,000	3,500x1,600	3,100	35	11.3	120
8,000	3,800x1,800	3,640	48	12.5	150
9,000	3,800x1,800	3,630	48	12.5	150
10,000	3,800x1,800	3,860	60	12.5	150
15,000	4,200x2,000	5,540	70	14.7	200
20,000	4,600x2,000	6,640	85	14.7	200

Note

The above data is pretreatment for single pass RO, if double pass RO is needed please state.

