



REVERSE OSMOSIS SYSTEMS TECHNICAL SPECIFICATIONS

Model	Flowrate m3/day	Membrane Quantity	Membrane Model	Motor Power kW *	Recovery % *	Weight kg
ROTAPUR 400 SERIE						
R 251	2	1	2,5"x40"	0,37	40	45
R 401	5	1	4"x 40"	0,64	50	55
R 402	10	2	4"x 40"	0,64	60	65
R 403	15	3	4"x 40"	1,1	60	85
R 404	20	4	4"x 40"	1,5	60	100
R 405	25	5	4"x 40"	2,2	60	115
R 406	30	6	4"x 40"	2,2	60	130
R 408	40	8	4"x 40"	2,2	65	160
R 409	45	9	4"x 40"	2,2	65	190
R 4010	50	10	4"x 40"	2,2	70	205
R 4012	60	12	4"x 40"	3,0	70	240
R 4015	75	15	4"x 40"	3,0	70	300

* Parameter may vary according to raw water salinity and raw water analysis.



Operating Conditions	
Feed inlet pressure	2 – 5 bar
Operating pressure	10 - 15
Feed water SDI	<3
Feed water turbidity	1 NTU
Max. feed water TDS ¹	2000 mg/l
Max. iron, manganese, aluminium	<0,05 mg/l
Max. silica ²	25 mg/l
Feed water pH range	3 - 11
Bacteriologic content	None
Organics (TOI, BOI, KOI)	None
Hydrocarbons, oil & grease	None
Hidrogen sulfür	None
Ba, Sr, F	Trace
Max. feed water temperature	42 °C
Recovery ³	%40 - 70

1. TDS = 5000 mg/l configuration (Optional)
2. %60 recovery
3. May vary according to raw water analysis and system capacity