



MCC

Reverse Osmosis Systems

- ✓ World Class Manufacturing Facility
- ✓ Advance Membrane Technology
- ✓ Precision Manufacturing Tolerances
- ✓ 35+ Combined Years Experience
- ✓ Made in the USA



Made In USA

Features

- › Powder Coated Aluminum Frame
- › SS Concentrate and Conc Recirculate Flow Meters with Integrated Needle Valves
- › 150-Series Membranes
- › FRP Membrane Housings
- › Stainless Steel, IP65 Rated Inlet Solenoid Valve
- › Dual 0-100psi Pre-Filter Pressure Gauges
- › 0-300psi Pump Pressure and Concentrate Pressure Gauges
- › Goulds TEFC Motor with Stainless Steel Pump
- › Dual Digital TDS / Conductivity w/ Percent Rejection
- › Programmable LCD Computer Controller
- › 4.5" X 20" Filter Housing (Made in the USA)



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MODEL	MCC-4000	MCC-6000	MCC-8000	MCC-12000	MCC-16000	MCC-20000	MCC-24000
220V 1Ph	MCC400011	MCC600011	MCC800011	MCC1200011	MCC1600011	MCC2000011	MCC2400011
208-230V 3Ph	MCC400012	MCC600012	MCC800012	MCC1200012	MCC1600012	MCC2000012	MCC2400012
460V 3Ph	MCC400013	MCC600013	MCC800013	MCC1200013	MCC1600013	MCC2000013	MCC2400013
FLOW SPECIFICATIONS							
Production (gpm)	2.77	4.16	5.55	8.33	11.11	13.88	16.66
Recovery	50%	60%	75%	75%	75%	75%	75%
Max TDS	2000	2000	2000	2000	2000	2000	2000
MEMBRANES AND VESSELS							
Mem Qty	2	3	4	6	8	10	12
Mem Size	4040	4040	4040	4040	4040	4040	4040
Rejection	98.5%	98.5%	98.5%	98.5%	98.5%	98.5%	98.5%
Vessels	2	3	4	6	8	10	12
Array	1:1	1:1:1	1:1:1:1	2:2:2	2:2:2:2	2:2:2:2:2	2:2:2:2:2:2
PRE-FILTER							
Size (in)	4.5 X 20	4.5 X 20	4.5 X 20	4.5 X 20	4.5 X 20	4.5 X 20	4.5 X 20
Micron	5	5	5	5	5	5	5
Type	Melt Blown	Melt Blown	Melt Blown	Melt Blown	Melt Blown	Melt Blown	Melt Blown
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
PUMP AND MOTOR							
Pump	Goulds	Goulds	Goulds	Goulds	Goulds	Goulds	Goulds
Material	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless	Stainless
Motor HP	1 ½	1 ½	1 ½	3	3	3	3
Motor Type	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC	TEFC
ELECTRICAL							
V / Freq / Ph / Amp	220V, 60Hz, 1Ph, 7A	220V, 60Hz, 1Ph, 9A	220V, 60Hz, 1Ph, 9A	220V, 60Hz, 1Ph, 16A	220V, 60Hz, 1Ph, 16A	220V, 60Hz, 1Ph, 16A	220V, 60Hz, 1Ph, 16A
V / Freq / Ph / Amp	208-230V, 60Hz, 3Ph, 5.2-5A	208-230V, 60Hz, 3Ph, 6.7-6.4A	208-230V, 60Hz, 3Ph, 6.7-6.4A	208-230V, 60Hz, 3Ph, 9.6-9.2A	208-230V, 60Hz, 3Ph, 9.6-9.2A	208-230V, 60Hz, 3Ph, 9.6-9.2A	208-230V, 60Hz, 3Ph, 9.6-9.2A
V / Freq / Ph / Amp	460V, 60Hz, 3Ph, 3A	460V, 60Hz, 3Ph, 3.7A	460V, 60Hz, 3Ph, 3.7A	460V, 60Hz, 3Ph, 5.1A	460V, 60Hz, 3Ph, 5.1A	460V, 60Hz, 3Ph, 5.1A	460V, 60Hz, 3Ph, 5.1A
CONNECTIONS							
Feed	1" FNPT	1" FNPT	1" FNPT	1" FNPT	1" FNPT	1" FNPT	1" FNPT
Permeate	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT
Concentrate	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT
DIMENSIONS							
L" X W" X H"	26 X 26 X 60	26 X 26 X 60	26 X 26 X 60	26 X 26 X 60	40 X 26 X 60	40 X 26 X 60	40 X 26 X 60
Weight (lbs)	310	350	340	440	520	550	600

Systems Production and recovery based on 500TDS, 77°F Softened Feed Water.
Computer projections should be ran to optimize the systems recovery and membrane life.