



Membrane Water Purification

ENGINEERING YOUR SUCCESS.

DM Series - Ultrapure Demineralized Water

DEMIN WATER



OUTPUT: Unit capacities from 10 gpm to 140 gpm (2-30m³/hr). Multiple skids/units can be combined in parallel for larger capacity systems and for reliability.

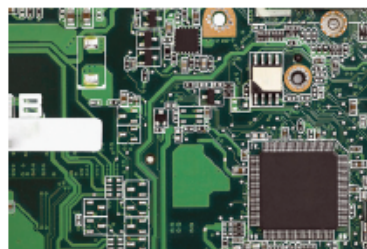
Parker DM series demin systems provide ultrapure EDI product water from brackish source water. DM systems are used for ultrapure rinse water, DI (media) replacement, power generation, medical electronics, and other various ultrapure water applications



Power Generation



Medical



Electronics



Manufacturing/Rinse Water

Parker Features:

- Worldwide Parker Locations and Global Customer Support
- High Quality Equipment/Solutions Since 1918
- ISO Certified Quality
- 24/7 Availability - Reliability
- Global Footprint
- Environmentally Engineered Membrane Solutions
- Over 50,000 Parker Employees

DM Series - Ultrapure Demineralized Water

DEMIN Model	CAPACITY (perm.)		No. of MEM.	DIMENSIONS (approx.)		
	(GPM)	(M3/HR)		L (ft/m)	W (ft/m)	H (ft/m)
DM-25	25	6	1	17.0/5.2	4.5/1.4	7.0/2.1
DM-50	50	11	2	25.0/7.6	4.5/1.4	7.0/2.1
DM-75	75	17	3	25.0/7.6	4.5/1.4	7.0/2.1
DM-100	100	23	4	33.0/10	4.5/1.4	7.0/2.1
DM-140	140	32	6	33.0/10	4.5/1.4	7.0/2.1

STANDARD FEATURES: PLC automated, VFD RO pump, SS316 HP piping, 5 micron prefiltration, 8x40 BWRO membranes, single RO skid, MC Degas, EDI instrumentation for flow, pressure and conductivity.

- Systems designed based upon 75%/85%/90% (P1/P2/EDI) recovery treating up to 3,000 mS/cm conductivity well water at 20-25C, pH 6.5-7.5, SDI <3, TOC < 2.5ppm at 35-65 psi feed pressure
- System capacity and recovery is a function of the source water type, temperature and water quality
- Maximum feed water conductivity, 10,000 mS/cm with derated system capacity
- 380-480 V/3PH/50-60 HZ primary electrical power

Parker Hannifin Corporation

We manufacture highly engineered components and systems used around the world for various applications. Parker products are installed and operating in many industries such as Power generation, Aerospace, Oil and Gas, Beverage Production, Marine, Military, Agriculture, Construction, and other industrial applications.



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