



AMS Offer Series

Medical & Industrial Reverse Osmosis Systems

Imported Components Locally Assembled

1,500 to 25,000 Gallons Per Day



MODEL AMS-4,500

4,500 GPD of
High Purity Water



***Innovation in water treatment
technology.***

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Imported Components Locally Assembled

STANDARD FEATURES:

- 316SS Multistage Centrifugal Pump
- Stainless Steel 316L Internal Plumbing
- Stainless Steel 304 Frame
- Pump Throttling Valve
- High Rejection TFC Membrane
- 5-Micron Sediment Pre-filter
- Automatic Feed Water Shut-off Valve
- Concentrate Control Valve
- 3 Phase Motor
- Control Package: Includes a UL Listed Electronic Control Box with On/Off Switch, Low-Inlet Pressure Switch w/ manual or auto reset, and Contacts for Level Control and pretreatment Lockout
- Permeate Flow Meter
- Concentrate Flow Meter
- Feed Pressure Gauge
- Concentrate Pressure Gauge
- Digital online TDS Monitor
- Fiberglass or 305 SS Pressure Vessels
- Cold Water Membranes
- PCB Control System (Optional)

SYSTEM SPECIFICATIONS:

Model	Production*		3rd Year Max Operating Pressure		Inlet Size	No. of 4"x40" Elements	Designed Recovery (without recycle)	Motor Phase	60Hz/440V		50Hz/440V	
	GPD	m ³ /D	Standard Model	High Efficiency					Standard Model	High Efficiency	Standard Model	High Efficiency
AMS - 1500	1500	5.68	160	114	3/4"	1	20%	3	1.0	3/4	1.0	1.0
AMS - 3000	3000	11.35	145	117	3/4"	2	32%	3	1.0	3/4	1.0	1.0
AMS - 4500	4500	17.00	160	120	3/4"	3	40%	3	1.5	1.0	1.5	1.0
AMS - 6000	6000	22.70	155	124	3/4"	4	50%	3	1.5	1.0	1.5	1.0
AMS - 8000	8000	30.28	167	135	3/4"	5	50%	3	3.0	1.5	3.0	N/A
AMS - 10,000	10,000	37.85	175	140	1 1/2	6	50%	3	3.0	N/A	3.0	N/A

Based on feed water with TDS of 500 ppm and temperature of 25°C (77°F)

WEIGHTS & DIMENSIONS:

Model	Approximate Shipping Dimensions				Approximate Unit Dimensions			
	Length (in/cm)	Width (in/cm)	Height (in/cm)	Weight (lbs/kg)	Length (in/cm)	Width (in/cm)	Height (in/cm)	Weight (lbs/kg)
AMS - 1500	55/140	24/61	58/147	160/72	48/122	24/61	53/135	111/50
AMS - 3000	55/140	24/61	58/147	190/86	48/122	24/61	53/135	142/64
AMS - 4500	55/140	24/61	58/147	220/99	48/122	24/61	53/135	173/78
AMS - 6000	55/140	24/61	58/147	255/115	48/122	24/61	53/135	205/92
AMS - 8000	60/153	32/81	68/173	485/218	54/137	30/76	60/135	260/117
AMS - 10,000	60/153	32/81	68/173	485/218	54/137	30/76	60/135	280/126

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