High Performance and Efficiency

- 750 or 1250 Gallons Per Day
- 96%+ Rejection of Total Dissolved Solids
- 1 to 2.60 Waste to Product Water Ratio

AXEON WATER

AXEON HYDRO RO–SERIES

High Efficiency Hyperfiltration System

AXEONHYDRO.COM

Exclusively Distributed by HYDROFARM

SPECIFICATIONS

Flow Rate[C] (gpd–750 System / 1250 Booster System)	750 / 1250
Rejection Rate (%)	96+
Efficiency Rate	See Chart Below
Sediment Filter Change (Months)	3 - 6
Carbon Filter Change (Months)	3 - 6
HyperFilter Change (Months)	6 - 12
Voltage	100 - 120V 50 / 60 HZ
Dimensions L x W x H (in)	16 x 9 x 27
Dry Weight (lbs–750 System / 1250 System)	20.5 / 27.4

OPERATING LIMITS[A]

AXEON® HYDRO – 750 | Expected Flow Rates			
Inlet Pressure (psi)	**Gallons Per Day**	**Waste to Product Water Ratio (gpm)**	
40	375	1	1.10
50	450	1	1.60
60	550	1	1.95
70	650	1	2.25
80	750	1	2.50
With HYDRO – 1250 Booster Kit | Expected Flow Rates			
100	1250	1	2.60

Design Temperature (°F / °C)	77 / 25	**Minimum Feed Pressure (psi / bar)[B]**	40 / 2.76
Maximum Feed Temperature (°F / °C)	85 / 29	**Maximum Feed Silt Density Index (SDI)**	< 3
Minimum Feed Temperature (°F / °C)	40 / 4	**Maximum Turbidity (NTU)**	1
Maximum Ambient Temperature (°F / °C)	120 / 49	**Maximum Free Chlorine (ppm)**	< 1
Minimum Ambient Temperature (°F / °C)	40 / 4	**Maximum TDS (ppm)**	1000
Maximum Feed Pressure (psi / bar)[B]	100 / 6.89	**Maximum Hardness (gpg)**	< 10

A. If any of the feed water parameters are not within the limits given, consult your local dealer or distributor for assistance.
B. System Operating Pressure is based on 40 psi feed pressure, minimum concentrate flow as stated, and an average of 375 GPD flow per membrane at 77 °F / 25 °C.
C. Low temperates and feedwater quality, such as high TDS levels, will significantly affect the systems production capabilities and performance. Use on microbiologically safe water only and follow all state and federal plumbing and electrical codes.

Warranty Evaluation Test Conditions: Permeate flow rates and salt rejection based on the following test conditions – 550 ppm, filtered and dechlorinated municipal tap water, 77 °F / 25 °C, 15% recovery, 7.0 pH and the specified operating pressure for membrane element type. Data taken after 60 minutes of operation.

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