

# TOPPUR<sup>®</sup> 120A

## Portable **Reverse Osmosis** Water Purification



- HMI Display with touch screen
- Controlled by PLC programming
- Compact design
- Very low noise
- Convenient use and mobility
- Multiparameter monitoring
- Automated operation
- Built-in pretreatment cartridge filter set
- Built-in feed booster pump
- Meet AAMI standard for hemodialysis



# 120A

## Portable Reverse Osmosis Water Purification

TECHNICAL INFORMATION	120A
<b>FEATURES</b>	
Capacity	120L/hr (Max 150L/hr)
Quality	Salt Rejection rate >96% (Membrane 4021) Bacteria and Pyrogen removal >99%
Recovery rate	15-50%
Pretreatment Filter	10 μ, 2.5x20" 5 μ Carbon Block 2.5x10", 2 Cartridges
RO Membrane	Polyamide (Thin-Film Composite Membrane 4021)
High Pressure Pump	550W
<b>FEED WATER REQUIREMENT</b>	
Flow Rate	≥7 L/min
Drain minimum flow	
Pressure	10-50 psi
Temperature	15-30°C
Dechlorination	< 0.1 ppm
<b>WASTE WATER</b>	
Flow Rate	≥ 5L/hr
<b>DISINFECTION (AUTOMATIC DILUTION)</b>	
Disinfectant	MDT Plus 4 Cold sterilant (5%) 50ml Formaldehyde 37% 450ml
<b>ENVIRONMENTAL</b>	
Temperature	25-40°C
Humidity	20-80% RH@25°C
<b>DIMENSION</b>	
Physical Dimension	49(W) x 108 (D) x 99(H) cm
Weight	85 kg approximately
<b>SENSOR &amp; GAUGE</b>	
Conductivity Sensor & Thermometer	1 Feed Water 1 Product Water
Pressure Gauge	Inlet Pressure (P1 Gauge) Post Filter (P2 Gauge) High Pressure (P3 Gauge) Product Water (P4 Gauge)
Flow Indicator	1 Feed Water 1 Product Water
<b>DISPLAY INTERFACE</b>	
Display & Interface	7" HMI Touch-Screen
LED Status	White: Standing by Orange: Flushing/Disinfecting Green: Ready Red: Alarm
<b>ELECTRICAL REQUIREMENT</b>	
Power Supply	220VAC 50Hz
Power Consumption (Max.)	1.5 Kw
Leakage Current	<100 μA
<b>STANDARD</b>	
MANUFACTURING STANDARD	ISO 9001:2015 ISO 13485:2016

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ISO 9001:2015  
ISO 13485:2016

