

OPS70CR/2 SYSTEM

REVERSE OSMOSIS WATER TREATMENT SYSTEM WITH STORAGE TANK

System:

- OPS70CR/2:164-01502 Replacement Cartridges:
- CTO-Q10: 300-05828
- AMS-QT10: 204-52810
- ILMA-6.14: 252-70260
- CTO-010CR: 300-05821



APPLICATIONS

- Combi Ovens
- Steam Ovens

Proofers and Humidifiers

FEATURES • BENEFITS

- Significantly reduces scale and corrosion problems related to high TDS, water hardness and chlorides.
- Ideal for combi and steam oven applications where TDS, hardness and chloride reduction are necessary to meet manufacturer's warranty requirements.
- Integrated mineral-addition cartridge provides TDS needed for conductivity sensors and optimal mineral content for steam equipment applications.
- High capacity pre-filter takes out sediment and chlorine and protects the RO membrane.
- Sealed hydropneumatic storage tank provides needed capacity and delivers pressurized water to downstream equipment

- Optimized water line to equipment is ½" I.D. hose. A ¾" Garden Hose Thread (GHT) connector is provided for connection to equipment when applicable.
- Integrated system bypass valve reduces costly service interruptions and down-time.
- Compact, modular design allows installation under counters and in tight spaces.
- Non-electric design operates on available water pressure.
- Simple, easy-to-install and service design.
- Reduces chloramine

INSTALLATION TIPS

- Feed water connection to system should be COLD only. Tempered water up to 80 degrees F (26.6 degrees C) can be used.
- Do not exceed system specifications for temperature and pressure.
- Provide a dedicated feed water supply of at least 3/8" I.D.
- For use with steam generation only. Do not use for condensate or wash-water.
- Allow 3" clearance below system for filter cartridge removal and replacement.
- Detailed, illustrated installation guide is included with each system.

SIZING

- Drain Connection: 2.0 gpm Minimum Flow
- Storage Tank Capacity: 2.5 gals.

OPERATION TIPS

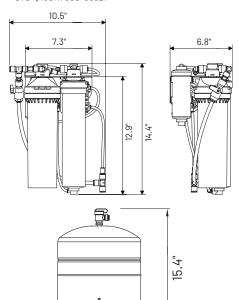
- Change cartridges on a regular six (6) month preventative maintenance program.
- Change cartridges when capacity is reached or when flow becomes too slow.
- Membrane life varies depending on feed water conditions and pre-filter maintenance. It is recommended to replace the membrane every 18 months
- Always flush the filter cartridge at time of installation and cartridge change.

OPS70CR/2 SYSTEM

164-01502

System:

- OPS70CR/2:164-01502 Replacement Cartridges:
- CTO-Q10: 300-05828
- AMS-QT10: 204-52810
- ILMA-6.14: 252-70260
- CTO-Q10CR: 300-05821



The contaminants or other substances removed or reduced by this drinking water system are not necessarily in your water. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

11"

Since the conditions under which our products may be used are beyond our control, we cannot accept any liability with respect to the improper installation, application and/or use of our products.

For Pentair® Everpure® Product Warranties visit: http://pentair.com/assets/foodservice-warranty

SPECIFICATIONS

- Service Flow Rate
 Dependent upon water
 level / pressure in storage tank
- Daily Production Rate
 70 gpd (265 Lpd) at 77°F (25°C), 60 psi
 (3.5 bar) feed water pressure.
 Production will vary based on water supply temperature and pressure
- Storage Tank Capacity
 2.5 gallons (9.5 L)
- Drain Connection
 Minimum 2.0 gpm (7.6 Lpm)
- Pressure Requirements
 60 85 psi (3.5 5.9 bar), non-shock
- Inlet Water Temperature
 40 100°F (4 38°C)
- Overall Dimensions
 Processor:

14.4" L x 10.5" W x 6.8" D 36.6 cm x 26.7 cm x 17.3 cm

Tank:

15.4" L x 11" dia. 39.1 cm x 27.9 cm

Options

Model	Description	Part No	
PRV	Pressure Reducing Valve	164-89938	
BPS100	Booster Pump Assy	164-85010	
Air-Gap Kit	Air-Gap Approved for Drain	164-89905	

- Inlet Connection
 3/8" Push fit tubing
- Outlet Connection 1/2" I.D. hose
- Shipping Weight 22 lbs (83.3 kgs)
- Electrical Connection
 None required

Feed TDS	Up to 1200 ppm
eed pH	6-10 units
Hardness*	12 grains or less
ree Chlorine	<2 mg/L
ron	0.1 mg/L max
Turbidity	0.50 NTU
1anganese	0.05 mg/L max
Hydrogen Sulfide	0.00 mg/L

Replacement Media

Model	Qty	Description	Part No
CTO-Q10	1	Pre-Filter	300-05828
AMS-QT10	1	Membrane	204-52810
ILMA-6.14	1	Mineral Addition	252-70260
CTO-Q10CR	1	Pre/Post Filter	300-05821

It is recommended that pre/post-filters and mineral addition cartridges are changed every six (6) months, when capacity is reached or when feed water pressure or flow becomes inadequate.



United States | 1040 Muirfield Drive | Hanover Park, IL 60133 | 800.942.1153 (US Only) 630.307.3000 Main | cseverpure@pentair.com | foodservice.pentair.com | Australia | 1-21 Monash Drive | Dandenong South, Vic 3175 | Australia | 011.1300 576 190 Tel | au.everpure@pentair.com

China | 21F Cloud 9 Plaza, NO 1118 | Shanghai, 200052 | China | 86.21.3211.4588 Tel | china.water@pentair.com

India | Boulevard, B-9/A, 7th Floor - Tower B Sector 62 | Noida - 201301 | 91.120.419.9444 Tel | indiacustomer@pentair.com

Europe | Pentair Water Belgium BVBA | Industriepark Wolfstee, Toekomstlaan 30, B-2200 Herentals | Belgium | +32.(0).14.283.504 Tel | sales@everpure-europe.com Japan | Japan Inc. | Hashimoto MN Bldg. 7F, | 3-25-1 Hashimoto, Midori-ku, Sagamihara-shi | Kanagawa 252-0143 | Japan | 81.(0)42.775.3011 Tel | info@everpure.co.jp Southeast Asia | 390 Havelock Road, | #04-01 King's Centre | Singapore 169662 | 65.6768.5800 Tel | cseverpure@pentair.com

All indicated Pentair trademarks and logos are property of Pentair. Third party registered and unregistered trademarks and logos are the property of their respective owners
Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

©2021 Pentair. All Rights Reserved. 164-01502 JL21