

Lanlang® FDI

Deionization Water Filter Cartridge

Upgrade your water

DEIONIZATION (DI) CARTRIDGE

TDS=0
Ultrapure Water Maker



PRODUCT DESCRIPTION

Lanlang® FDI cartridge is a general-purpose deionization polishing cartridge designed to give multi meg-ohm quality water for domestic and industrial areas use (such as laboratory, electronics, car or window rinse, aquarium, etc). The highly purified ion exchange resins will deliver high purity water with a minimum TOC background.

FEATURES & BENEFITS

Lanlang® FDI cartridge could remove the residual TDS that the RO membrane could not remove. So it could also be used as polishers for RO filtration.

- ◆ High purity water TDS=0
- ◆ Convenient to use, it could be used anywhere you could access tap water
- ◆ Economical way, refillable cartridge with Lanlang nuclear grade mixed bed resin
- ◆ High capacity, produces a large volume of pure water

BASIC DATA

| Model | Nominal Dimensions | Service Flow Rate | Capacity |
|-----------|--------------------|-------------------|-------------|
| FDI10201C | 10"X2.0" | 0.10-0.25 gpm | 650 liter |
| FDI10251C | 10"X2.5" | 0.25-0.50 gpm | 2000 liter |
| FDI20251C | 20"X2.5" | 0.50-1.00 gpm | 5000 liter |
| FDI10451C | 10"X4.5" | 0.50-1.00 gpm | 5000 liter |
| FDI20451C | 20"X4.5" | 0.75-1.50 gpm | 12000 liter |

* Lab tested on 10 ppm feed to a 10 megohm break as polisher.

OPERATING DATA

- ◆ 2°C to 38°C (35°F to 100°F)
- ◆ Min. Working Pressure: 20 psi (1.38bar)
- ◆ Max. Working Pressure: 125 psi (8.6bar)

APPLICATIONS

- ◆ Post treatment to RO System
- ◆ Humidification
- ◆ Spot-Free Rinse
- ◆ Misting
- ◆ Aquarium
- ◆ Manufacturing
- ◆ Laboratory
- ◆ Rinse Water
- ◆ Medical
- ◆ Circuit Board Printing
- ◆ Boiler Feed Water
- ◆ Commercial Water Treatment
- ◆ Cosmetics
- ◆ Power Generating Equipment
- ◆ Pharmaceutical
- ◆ IPL machine
- ◆ Any application where high purity water is required















PACKAGING

| Model | Case Quantity | Case Size | Weight |
|-----------|---------------|------------|-------------|
| FDI10201C | 25 | 29*29*29cm | 10.5/11.5kg |
| FDI10251C | 25 | 42*42*29cm | 15.3/16.3kg |
| FDI20251C | 12 | 33*25*54cm | 17.3/18.3kg |
| FDI10451C | 12 | 36*24*54cm | 19.5/20.5kg |
| FDI20451C | 6 | 36*24*54cm | 20.7/21.7kg |

Warning: Do not use with that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Note: Carbon dioxide could carbonate the hydroxide sites of anion component, so it is important to avoid exposure to atmosphere for long period. It is recommended to use after RO system.

Different Material & Type & Size Adapter Fitting Available

| | | | | |
|---|--|--|---|--|
|  <p>OGEL-23(S)</p> |  <p>OQOI-22</p> |  <p>OQQL-22</p> |  <p>OQMI-22+O</p> |  <p>OGEL-23(B)</p> |
|  <p>OGMI-23(S)</p> |  <p>OQEI-23</p> | <p>Different Material & Type & Size Adapter Fitting Available</p> |  <p>OQQT-22</p> |  <p>OGMI-23(B)</p> |
|  <p>OGML-22(S)</p> |  <p>OMMI-22</p> |  <p>OQML-22+O</p> |  <p>OQQV-22</p> |  <p>OGML-22 (B)</p> |