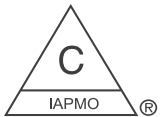


# Waterdrop

## X Series Reverse Osmosis Water Filtration System

**MODEL:** WD-X16/WD-X16-BAS/WD-X16-BCB



System Certified by IAPMO R&T against NSF/ANSI Standard 42&58 for the reduction of the claims specified on the Performance Data Sheet, and to NSF/ANSI 372 for low lead.

### Performance Data Sheet

| Model                                | Substance               | NSF Specified challenge concentration | Max permissible product water concentration | NSF reduction requirements | Test result |
|--------------------------------------|-------------------------|---------------------------------------|---------------------------------------------|----------------------------|-------------|
| WD-X16/<br>WD-X16-BAS/<br>WD-X16-BCB | TDS                     | 750±40 mg/L                           | 187 mg/L                                    | ≥75%                       | 93.55%      |
|                                      | Chlorine Taste and Odor | 2.0±0.2 mg/L                          | /                                           | ≥50%                       | 98.82%      |

This system has been tested according to NSF/ANSI 42&58 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42&58.

Product also tested by SGS & CSA lab for contaminant below.

| Test item(s)                 | Unit(s) | Test method(s) | Test result(s)        |                          | *Removal rate(s)% | Requirement(s)                                    |
|------------------------------|---------|----------------|-----------------------|--------------------------|-------------------|---------------------------------------------------|
|                              |         |                | Influent spiked water | Effluent filtrated water |                   | Maximum effluent concentration (mg/L) NSF/ANSI 58 |
| Mercury (Hg)                 | mg/L    | EPA 200.8      | 0.0066                | <0.0002                  | >96.96            | 0.002                                             |
| Chromium(Hexavalent)         | mg/L    | EPA 200.8      | 0.297                 | <0.001                   | >99.66            | 0.1                                               |
| Chromium(Trivalent)          | mg/L    | EPA 200.8      | 0.283                 | <0.001                   | >99.64            | 0.1                                               |
| Lead (Pb)                    | mg/L    | EPA 200.8      | 0.1558                | <0.0002                  | >99.87            | 0.005                                             |
| Barium (Ba)                  | mg/L    | EPA 200.8      | 8.828                 | <0.005                   | >99.94            | 2.0                                               |
| Selenium (Se)                | mg/L    | EPA 200.8      | 0.107                 | <0.001                   | >99.06            | 0.05                                              |
| Copper (Cu)                  | mg/L    | EPA 200.8      | 2.755                 | <0.005                   | >99.81            | 1.3                                               |
| Total dissolved solids (TDS) | mg/L    | APHA 2540C     | 792                   | 34                       | 95.71             | /                                                 |

| Test item(s)    | Unit(s) | Test method(s) | Test result(s)        |                          | *Removal rate(s)% | Requirement(s)                                       |
|-----------------|---------|----------------|-----------------------|--------------------------|-------------------|------------------------------------------------------|
|                 |         |                | Influent spiked water | Effluent filtrated water |                   | Maximum effluent concentration (mg/L)<br>NSF/ANSI 58 |
| #Nitrate (as N) | mg/L    | EPA 300.0      | 27.400                | 2.207                    | 91.95             | 10.0                                                 |
| #Fluoride       | mg/L    | EPA 300.0      | 8.016                 | 0.066                    | 99.18             | 1.5                                                  |
| #Nitrite (as N) | mg/L    | EPA 300.0      | 3.178                 | 0.060                    | 98.11             | 1.0                                                  |

| Test item(s)                      | Unit(s) | Test method(s) | Test result(s)        |                          | *Removal rate(s)% | Requirement(s)                                       |
|-----------------------------------|---------|----------------|-----------------------|--------------------------|-------------------|------------------------------------------------------|
|                                   |         |                | Influent spiked water | Effluent filtrated water |                   | Maximum effluent concentration (mg/L)<br>NSF/ANSI 53 |
| #Perfluorooctane Sulfonate (PFOS) | µg/L    | EPA 537.1      | 0.98                  | <0.01                    | >98.97            | 0.00007                                              |
| #Perfluorooctanoic acid (PFOA)    | µg/L    | EPA 537.1      | 0.90                  | <0.01                    | >98.88            | 0.00007                                              |

| Test item(s) | Unit(s) | Test method(s)   | Test result(s)        |                          | *Removal rate(s)% | Requirement(s)                                   |
|--------------|---------|------------------|-----------------------|--------------------------|-------------------|--------------------------------------------------|
|              |         |                  | Influent spiked water | Effluent filtrated water |                   | Percent reduction requirement (%)<br>NSF/ANSI 53 |
| #Chloroform  | mg/L    | EPA Method 524.2 | 0.2251                | <0.0001                  | >99.95            | ≥95                                              |

| Test item(s)    | Unit(s)   | Test method(s) | Test result(s)        |                          | *Removal rate(s)% |
|-----------------|-----------|----------------|-----------------------|--------------------------|-------------------|
|                 |           |                | Influent spiked water | Effluent filtrated water |                   |
| Total coliforms | CFU/100mL | APHA 9222B     | 6.6×10 <sup>5</sup>   | <1                       | >99.99            |

### Manufacturer Technical Support

Tel: 1-888-352-3558 (U.S.)

E-mail: [service@waterdropfilter.com](mailto:service@waterdropfilter.com)

Made in China P001

Qingdao Ecopure Filter Co., Ltd.

