CSI DIVISION:
22 30 00 – Plumbing Equipment

CSI SECTION:
22 32 23 – Domestic-Water Carbon Filters

S2 Equipment LLC
26700 Haggerty Road
Farmington Hills, MI 48331

Reverse Osmosis Water Unit

MODEL NUMBERS:
7577-01 HANS™ Premium Water 3300
7576-01 HANS™ Premium Water 5000
Model 2
Model 2R
Model 2 DM
Model 2 Quad
HPW Treatment Module

SCOPE OF COMPATIBILITY WITHIN REPORT:
Halal Certification

ASSE • R-0005
Valid through July 2024

ASSE International
Division: 22 30 00  Plumbing Equipment  
Section: 22 32 23  Domestic-Water Carbon Filters

---

**7577-01 HANS™ Premium Water 3300, 7576-01 HANS™ Premium Water 5000, Model 2**  
Model 2R, Model 2 DM

---

### 1.0 Report’s Scope of Compatibility

**Halal Compliance**

### 2.0 Use

The product is used to purify drinking water by using reverse osmosis and filtration technologies.

### 3.0 Limitations

<table>
<thead>
<tr>
<th>Model</th>
<th>3300 5000</th>
<th>2</th>
<th>2R</th>
<th>2DM</th>
<th>QUAD</th>
<th>Treatment Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Feed Water Temp</td>
<td>90°F</td>
<td>95°F</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Min Feed Water Temp</td>
<td></td>
<td>35°F</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max Ambient Air Temp</td>
<td></td>
<td></td>
<td>120°F</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Min Ambient Air Temp</td>
<td></td>
<td></td>
<td></td>
<td>35°F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max Operating Pressure</td>
<td>200 psi</td>
<td>80 psi</td>
<td>60</td>
<td>65</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Maximum Feed Pressure (psi)</td>
<td>80</td>
<td>60</td>
<td>65</td>
<td>60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum Feed Pressure</td>
<td></td>
<td>30 psi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Input Free Chlorine</td>
<td>4 ppm</td>
<td>0</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum TDS (ppm)</td>
<td>750</td>
<td>3000</td>
<td>1000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Hardness (gpg)</td>
<td>30</td>
<td>3000</td>
<td>1500</td>
<td>20</td>
<td>99</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Higher feed TDS and/or lower temperatures will reduce the system’s water production output.

---

### 4.0 Description

#### 4.1 Halal Compliance Evaluation

All water consumed by an individual comes into contact the items on the wetted parts list (WPL). An evaluation of the WPL has shown that none of the components are made from products or by-products of materials originating from Haram (i.e. non-Halal) or Halal-disputed sources. The product is comprised of: polymers, metals, rare-earth magnets, fiberglass, petroleum-based glue, synthesized minerals, and plant-based fabric.

#### 4.2 Capacity per manufacturer:

- **4.2.1 Filter Capacity:** 60,000 – 100,000 gal
- **4.2.2 Pre-treatment Capacity:** 30,000 – 60,000 gal
- **4.2.3 Stage 4 Filter Capacity:** 30,000 – 60,000 gal
- **4.2.4 Element Capacity:** 500,000 gal
- **4.2.5 Model 2 and 2R, 2DM 8327 Filter Capacity:** 1000 gal

### 5.0 Installation

#### 5.1 System shall be installed using an air gap drain connection.

### 6.0 Maintenance

#### 6.1 Filters and RO element(s) shall be changed per the manufacturer’s instructions.

#### 6.2 Models shall be maintained per manufacturer’s recommendations