TQI Series
Constant Pressure System
TQI Series Constant Pressure System

The TQI Constant Pressure System consists of a pump and inverter that is designed for residential and commercial customers who need to boost their water pressure when water demand is high.

**Applications:**
Whether you have a municipal system or a storage tank system, TQI has a constant pressure solution for your home. It is suitable for:
- condos
- motels
- homes
- restaurants
- offices
- irrigation
- other boosting applications

**Benefits**
TQI system improves the way you use water and provide added value to your home. The system maintains a constant water pressure despite varying consumption.

**Perfect solution for your water usage**
When install with the conventional pump for use of multiple sources of water such as toilet, tub, sink, dish washer, washing machine, sprinkles, etc. the pressure will fluctuate causing weak flow. With TQI adding to your home, it will change the speed of the pump to match demand, providing consistent water flow and constant pressure. This allows the home owner to comfortably use all water sources at the same time.

For households in the municipal district, the city pressure may not always be adequate especially when you have increased water use in your house or when it is at the peak water demand. By using a TQI system, it will vary the speed of the pump, and your water pressure will keep up with your demand.

**Operation Conditions:**
1. Ambient temperature: Max. +40°C
2. Liquid temperature: +4°C ~ +40°C
3. Pressure sensor: 4-20 mA 2-wire output signal
4. Pumped liquids: It is suitable for pumping clean, thin and non-aggressive liquids.

**Features**
- Compact in design for space saving
- Easy and adjustable pressure settings
- Pressure sensor transmits a digital signal to inverter
- Built-in pump system protection
- Easy installation, just wire pump to inverter.
- Pump has a built-in pressure tank.
The TQI System Advantage

Typical home water pressure drops when demand is high. The TQI System makes up the pressure difference at peak demand for constant home water pressure.

Wiring diagram

Specification

<table>
<thead>
<tr>
<th>Model</th>
<th>Power (HP)</th>
<th>Inverter Input</th>
<th>Inverter Output</th>
<th>Inlet (NPT)</th>
<th>Outlet (NPT)</th>
<th>P max (psi)</th>
<th>Q max. (GPM)</th>
<th>N.W. (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TQI 800</td>
<td>1 HP</td>
<td>1 115 4.2</td>
<td>1&quot; 1&quot;</td>
<td>67</td>
<td>23.8</td>
<td>25.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TQI 1500</td>
<td>2 HP</td>
<td>1 230 7.5</td>
<td>1½&quot; 1½&quot;</td>
<td>58</td>
<td>66.0</td>
<td>62.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TQI 2200</td>
<td>3 HP</td>
<td>1 230 11.0</td>
<td>2&quot; 2&quot;</td>
<td>60</td>
<td>71.3</td>
<td>68.3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Dimensions:

**TQI 800**

Outlet
TQI 800: NPT 1½"

**TQI 1500/ 2200**

Outlet
TQI 1500: NPT 1½"
TQI 2200: NPT 2"