591TP Series – Electronic Faucet
With Surface Mount Control Box and Single Inlet Supply

Description: (example)
- Supplied as complete product
- Proximity® Sensing Technology
- Chrome plated CAST 102 mm [4"] spout body
- Battery [4 'AA' cell] or Hardwire [24VAC] electronic handwash
- Adjustable sensing range and timeout
- Forged brass solenoid valve
- Surface mount housing
- Mixing valve required (order separately)
- Serviceable filter screen upstream of the valve

and...
with... (specify battery or hardwire)
with... (add outlet required)
with... (transformer required for hardwire models – specify separately – See Back Page)

Specifications:
- 591TP1250
- Model Specified:
- Approval: Date:

Engineer/Architect Approval

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PRODUCT NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardwire</td>
<td>591TP02</td>
</tr>
<tr>
<td>Battery Operated</td>
<td>591TP12</td>
</tr>
<tr>
<td>Hardwire with Battery Backup</td>
<td>591TP02 - BB</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SPOUT VARIATION</th>
<th>OUTLET</th>
<th>CONTROL BOX</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 [4&quot; CAST]</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>8</td>
</tr>
</tbody>
</table>

*Mixing valve (order separately). Refer to www.specselect.com for individual models.

Note: Use this page front and back, with specification drawing page referenced above, as product submittal sheets.

Delta reserves the right (1) to make changes in specifications and materials, and (2) to change or discontinue models, both without notice or obligation.
Dimensions are for reference only. See current full-line price book or www.specselect.com for finish options and product availability.

Flow Rates are at 60 PSI.

DSP–591TP Rev. E
OPERATION:

- Hands free (touchless) operation.
- No visible sensor, the spout is the sensor.
- Water flows when sensing is activated.
- Adjustable sensing distance factory set to 76 mm (3”).
- Low battery audible beep (for battery models only) will activate after faucet shuts off when approximately 1500 cycles remain.
- Adjustable auto shut off feature. Factory set to 45 seconds.
- Metering mode with selectable flow times of 7 seconds to 4 minutes, factory set off.
- Periodic Rinse feature, time adjustable in 6 hour increments up to 2 days. Selectable rinsing lengths from 10 to 180 seconds. Factory set off.

NOTE 1: For optimum performance of this product, we recommend a system pressure between 20 and 80 PSI static. This product will operate up to a maximum of 125 PSI static per ANSI and CSA requirements. However, we do not recommend pressures above 80 PSI. Thermal expansion or leaking pressure reducing valves may require use of expansion tanks or relief valves to ensure your system never exceeds its maximum intended pressure setting.

NOTE 2: Designed for routine 180°F (82°C) disinfection cycles up to 10 minutes.

NOTE 3: Hardware Proximity models not for use on enamel covered metal sinks.

Note: Measurements may vary ± 6mm (0.25”)
**SURFACE MOUNT CONTROL BOX #0**

**591TP SERIES**

<table>
<thead>
<tr>
<th>PRODUCT NO.</th>
<th>VALVE TYPE</th>
<th>COVER</th>
</tr>
</thead>
<tbody>
<tr>
<td>591TP 0</td>
<td>Deckmount Cast Lavatory Hardwire</td>
<td>Surface Mounted, Vandal Proof Control Housing</td>
</tr>
<tr>
<td>591TP 1</td>
<td>Deckmount Cast Lavatory Battery</td>
<td>Surface Mounted, Vandal Proof Control Housing</td>
</tr>
</tbody>
</table>

**VANDAL PROOF SURFACE MOUNT CONTROL HOUSING**

**591TP SERIES**

- **Battery Operated** – Box shown.
- **Hardwire Version** comes complete with Watertight Connector and Hardwire Converter 24VAC to 6VDC.
- **Hardwire with Battery Backup (-BB)** comes complete with Watertight Connector, Hardwire Converter 24VAC to 6VDC and 9V battery. See DSP-BB for detailed specification.

**BRAIDED HOSE**

Note: Braided polymer hose connections supplied between Solenoid Valve and Spout as well as for Solenoid Valve Inlet

---

Note: Measurements may vary ± 6mm (0.25")