

# Electronic Washdown Urinal 1600T Series

**TECK®**  
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## Specification: (example)

- **Hardwire** (24 VAC) infrared electronic urinal flushing system
  - Stainless steel cover with integral sensor utilizing **H<sub>2</sub>OPTICS®** technology and S/S vandal resistant mounting screws, metal mounting box
  - Power function light, field selectable sensor range
  - Electronic manual override
  - Preset blocking time
  - Slow closing solenoid valve, integral stop
- and... with... (add control/sensor box required)  
with... (for hardwire with battery backup – specify separately – see next page)  
with... (transformer – specify separately – see next page)

**1600T9003RI and  
1600T9003TR**



## Engineer/Architect Approval

Model Specified:

Approval:

Date:

DESCRIPTION		PRODUCT NO.				
Hardwire	1600T	9	0	0		RI
Hardwire	1600T	9	0	0		TR

**Note: Rough-in  
and trim ordered  
separately**



NOT APPLICABLE	NOT APPLICABLE	CONTROL BOX
0 <input checked="" type="checkbox"/>	0 <input checked="" type="checkbox"/>	0 <input type="checkbox"/>
1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 For RECESSED MOUNTING – BACK INLET URINAL Components ASSEMBLED in 8" Box, w/Integral Sensor in S/S Cover, S/S Outlet Hose. SEE Specification Drawing #18 <input type="checkbox"/>
2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 For RECESSED MOUNTING – TOP INLET URINAL (1) Components ASSEMBLED in 8" Box, w/Integral Sensor in S/S Cover. SEE Specification Drawing #18 <input type="checkbox"/>
4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>
5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>
6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>
7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>
8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>
9 <input type="checkbox"/>	9 <input type="checkbox"/>	9 <input type="checkbox"/>

(1) When used for TOP Inlet Urinal Fixture - Exposed Tubing, Flanges, Elbow, etc. supplied by others.  
Refer to [www.specselect.com](http://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](http://www.specselect.com) for finish options and product availability.

DSP-1600T9 Rev. L





#### Approvals:

- IAPMO listed to ASSE 1037/  
ASME A112.1037/ CSA B125.37
- Indicates compliance to  
ICC/ANSI A117.1

(Contact Delta Representative for State and/or  
Local Approvals.)

Patented

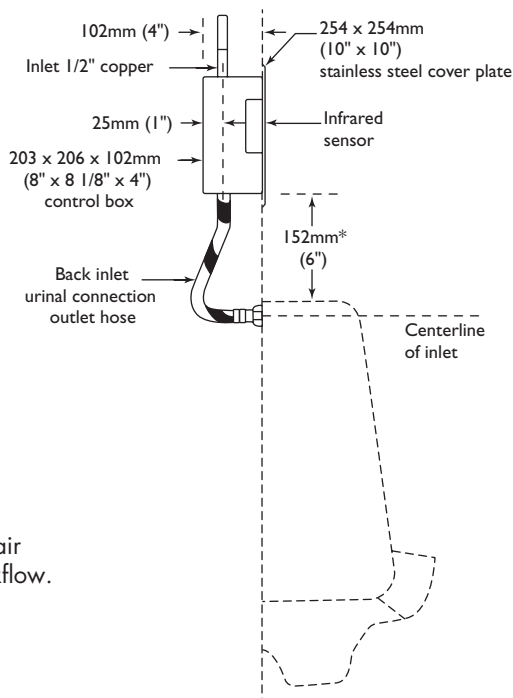
#### OPERATION:

- 8 second blocking time.
- Activation delay:  
0 seconds on urinal applications
- Adjustable flush volumes of 0.4 to 1.0 gallons  
(1.5 to 3.8 litres)  
Factory set 0.5 gallons (1.9 litres)
- Selectable sensing distance:  
12 to 28" in 4" increments.  
Factory set to 20"
- Adjustable 24 hour courtesy flush  
factory set to OFF

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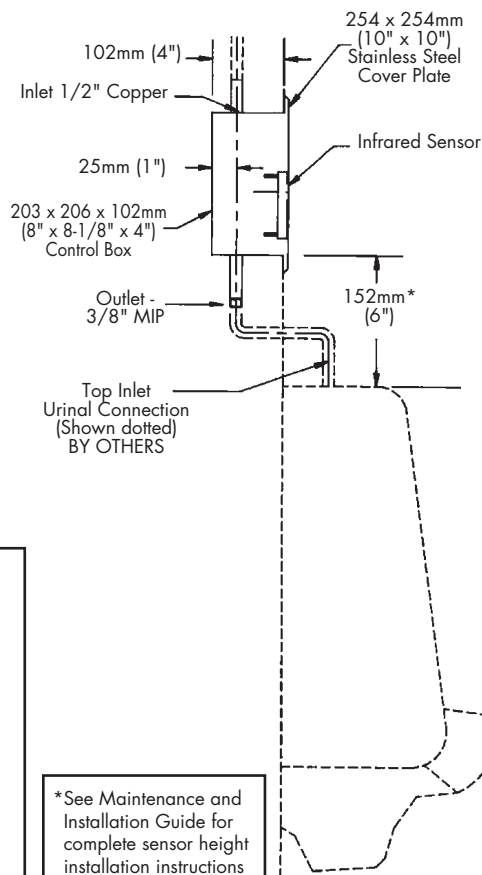
## Electronic Washdown Urinal 1600T Series

### 1600T9001RI AND 1600T9001TR TYPICAL INSTALLATION



**INSTALLATION NOTE:**  
Models must be installed on  
fixtures providing sufficient air  
gap protection against backflow.

### 1600T9003RI AND 1600T9003TR TYPICAL INSTALLATION



**Available Options for  
Field Conversion**  
☐ **061047A**  
**Hardwire with Battery Backup**  
**See DSP-BB for detailed  
specification.**

#### 1600T ELECTRONIC FLUSH VALVE OPTIONAL ACCESSORIES:

✓	TRANSFORMERS
	060704A 110 to 24VAC Class II 20VA (For 5 Sensor Modules)
	060771A 110 to 24VAC Class II 40VA (Up to 10 Sensor Modules)
✓	CORDS
	060680A 4' Solenoid Extension Wire
✓	HARDWIRE CONVERTER
	060683 24VAC to 6VDC Converter (Supplied standard on Hardwire models)
	061047A 24VAC to 6VDC Converter with Battery Backup (Standard on "BB" models)

\*See Maintenance and  
Installation Guide for  
complete sensor height  
installation instructions

Note: Measurements may vary  $\pm 6\text{mm}$  (0.25")

Refer to [www.specselect.com](http://www.specselect.com) for individual models.  
Product supplied as shown by solid lines. All items shown by dotted lines supplied by others.



# Specification Drawing #18

**TECK<sup>®</sup>**  
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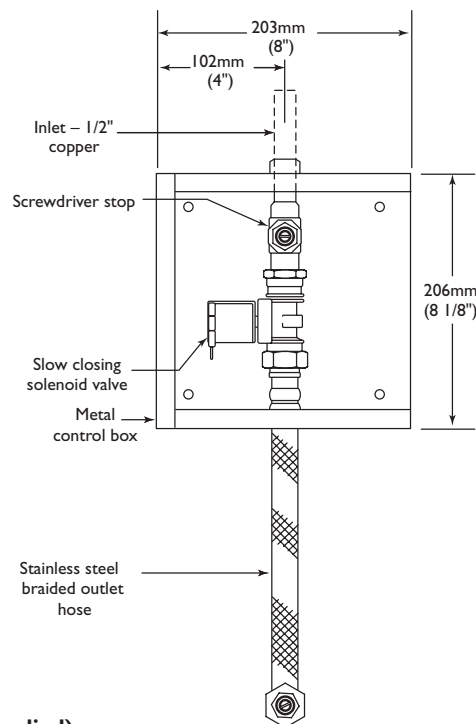
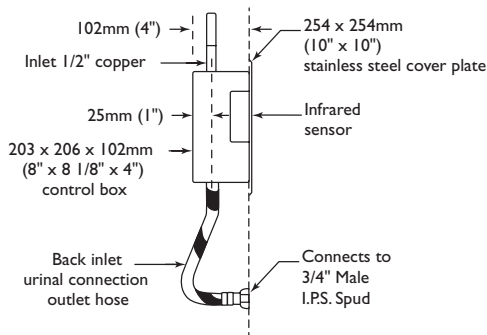
## URINAL VALVE ASSEMBLED CONTROL BOX (RECESSED MOUNT)

### 1600T SERIES

✓	PRODUCT NO.					VALVE TYPE	MOUNT TYPE	COVER	
	1600T	9	0	0	1	Back Inlet Urinal	Recessed Mount	254mm (10")	Stainless Steel
	1600T	9	0	0	3	Top Inlet Urinal	Recessed Mount	254mm (10")	Stainless Steel

**Note: Rough-in and Trim Ordered Separately**

#### 1600T9001 SERIES



#### "RI" ROUGH-IN MODELS

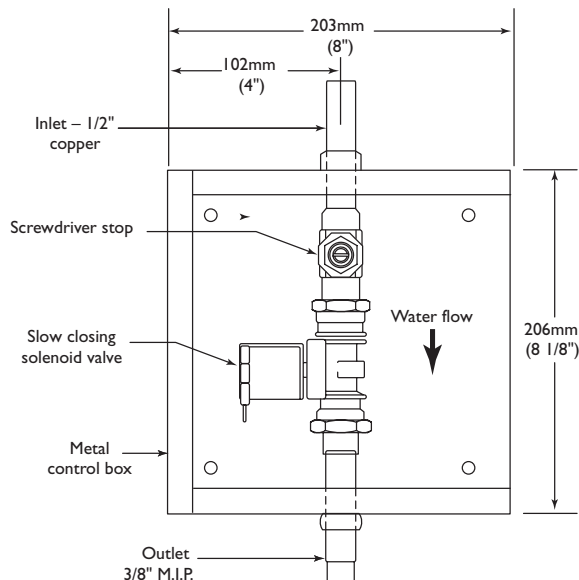
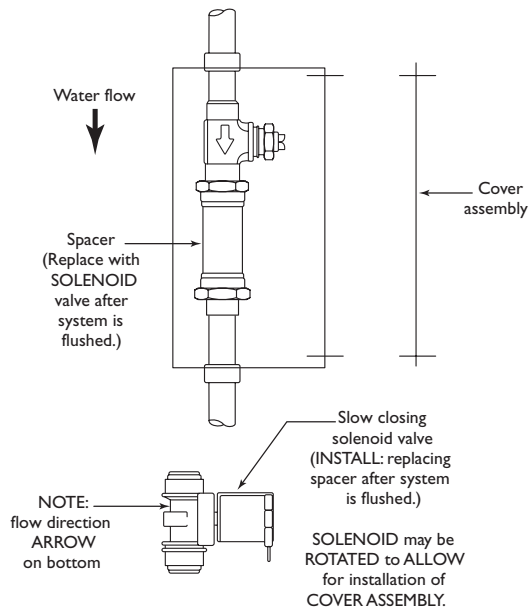
- Supplied assembled as shown in wall box except:
- with spacer in place of solenoid valve
  - with temporary cover in place of stainless steel cover

#### "TR" TRIM MODELS

- Supplied as sensor and over-ride button attached to stainless steel cover – and with solenoid valve to replace spacer

#### 1600T9003 SERIES

(Note: Top inlet urinal connections not supplied)



Note: Measurements may vary  $\pm 6\text{mm}$  (0.25")