

## UST Fill Pipe Connection Equipment

### Tight-Fill Adaptors and Caps

Tight-Fill Adaptors are installed in spill containment manholes on the fill riser pipe from an underground fuel storage tank. They mate with the gravity drop delivery elbow on the transport truck. Tight-Fill Caps are installed on adaptors, when not in use, to prevent gasoline vapors from escaping and to prevent water, dust and debris from entering the tank.

### Stage I Vapor Recovery Adaptors and Caps

Stage I Vapor Recovery Adaptors are installed in spill containment manholes on the vapor recovery riser pipe from an underground gasoline storage tank. They mate with the vapor recovery elbow on the delivery transport truck when recovery of gasoline vapors is required. Stage I Caps are installed on adaptors, when not in use, to prevent gasoline vapors from escaping and to prevent water, dust and debris from entering the tank.

### Monitor Probe and Monitoring Well Caps

Monitoring Probe Caps are installed on tank riser pipes to help prevent vapors from escaping or water from entering the tank. Monitoring Probe Caps include a wire grommet fitting to accommodate the electric tank gauge probe. Lockable Monitoring Well Caps are installed on slotted PVC pipe monitoring wells to help prevent contamination from surface water intrusion or inadvertent fuel deliveries.

## OPW Adaptor & Cap Height Profiles

The adaptor and cap dimensions below reflect the overall height and installed height of OPW adaptors and adaptor and cap combinations. The installed height is from the gasket seal to the top of the component. For example, the 61VSA height is 6 1/2", but only adds 4-7/8" to the overall height when added to the riser.



**61VSA Vapor Recovery Swivel Adaptors**

Overall Height Installed Height  
6-1/2" 4-7/8"



**1611AV Standard Vapor Adaptors**

Overall Height Installed Height  
5-7/16" 4-3/4"



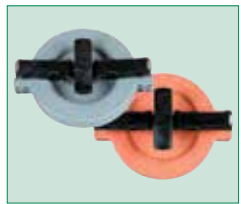
**61SALP Fill Swivel Adaptor**

Overall Height Installed Height  
4-3/8" 2-7/8"



**633T Standard Fill Adaptor**

Overall Height Installed Height  
3" 2"



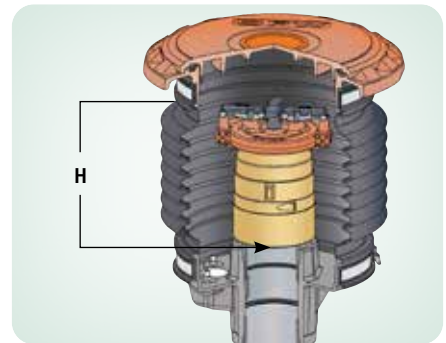
**634TT Fill and 1711T Vapor Caps**

Overall Height Installed Height  
2-9/16" 1-1/2"



**634LPC Fill and 1711LPC Low Profile Caps**

Overall Height Installed Height  
7/8" 1/2"



### Dimensions

Product Combinations	H = Total Installed Height	
	in	mm
61VSA & 1711T	6 <sup>3</sup> / <sub>8</sub>	162
61VSA & 1711LPC	5 <sup>3</sup> / <sub>8</sub>	137
1611AV & 1711T	6 <sup>1</sup> / <sub>4</sub>	159
1611AV & 1711LPC	5 <sup>3</sup> / <sub>8</sub>	136
61SALP & 634TT	4 <sup>3</sup> / <sub>8</sub>	111
61SALP & 634LPC	4 <sup>7</sup> / <sub>8</sub>	124
633T & 634TT	4 <sup>1</sup> / <sub>2</sub>	114
633T & 634LPC	3 <sup>1</sup> / <sub>2</sub>	89