

## The Boss Tee – Another Contractor Friendly Product from Jay R. Smith Mfg. Co.

### The Idea:

The idea evolved from two mechanical contractors who shared with Jay R. Smith Mfg. Co. a better way to perform hydrostatic testing of DWV piping system. Each approach made sense and was working well for each contractor.

Abbott Industries, one of the contractors and an MCAA member, had an idea that involved a modification to a standard cleanout tee to temporarily close off the DWV stack for testing. The other contractor's idea involved a reusable test manifold/sanitary tee fitted with a pressure gauge for the same purpose.

Both products were designed to address the same issues:

- Contractor safety when working inside a stack with 5-25 PSI pressure,
- Reducing the chances of mold due to water spilling inside the chase, and
- To provide the contractor with effective means of filling, testing and draining the piping system within a controlled environment.

### Introducing The Boss Tee:

Jay R. Smith Mfg. Co. combined the two ideas and designed the Boss Tee to work double duty in the sanitary DWV piping system: during construction to hydrostatically test the piping system for leaks then after testing as a standard cleanout tee. When The Boss Tee is closed off with an internal plug, it can be used to test DWV piping from one to three floors above the cleanout tee thus eliminating the need for an inflatable plug in the vertical stack.

The Boss Tee, Figure Number 4505, is engineered to be installed in a concealed drainage line where a cleanout tee is desired. The Boss Tee is available in no-hub and hub and spigot for 3", 4" and 6" outlets.

To test the piping system with The Boss Tee, a raised head hex plug needs to be installed into the internal threading of the cleanout tee to seal off the stack. At the front of the cleanout tee remove the 1/2" raised head plug from the test port and add a water pressure gauge and boiler drain valve. Now the system is ready to be filled to its highest point. The pressure gauge installed before the boiler drain valve will indicate any leaks during testing. This is an excellent way for verification from an inspector.

When testing and inspection are complete, connect a hose to the boiler drain valve and drain the piping system either down the stack, to the nearest floor drain, or an acceptable drain point.

Once the system is drained, remove the internal plug, pressure gauge and boiler drain valve from the cleanout tee for use on the next Boss Tee test. Upon removal of the testing components, plug the test port and install the taper threaded bronze plug into the front of the cleanout tee.

The Boss Tee, another contractor friendly product from Jay R. Smith Mfg. Co. If safety inside the stack, reducing the chance of mold, and reliable testing are problems for you, then The Boss Tee is your answer.

For more information on this and other Jay R. Smith Mfg. Co. products, or to contact your local representative, visit the Virtual Yellow Pages Web site at [www.jrsmith.com](http://www.jrsmith.com).

