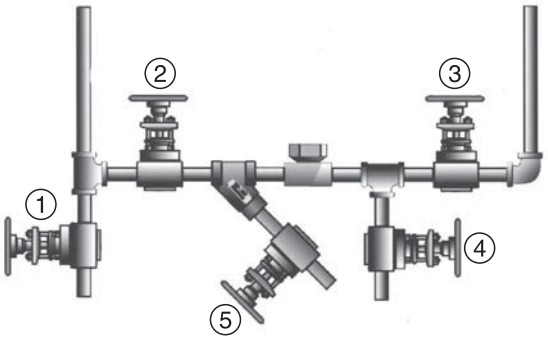
Cost Comparison Worksheet
Single Trap Installation - Standard Field Fabricated Installation

Standard Trap Installation Figure 1	Custom Standard Trap Installation	Description	Unit Cost	Total Cost
Quantity	Quantity			
Assembly Parts and Labor				
5		1/2" 600# Rated Globe or Gate		
8		1/2" Sch. 80 Nipples		
2		1/2" Line "Tee"		
1		1/2" Elbow		
1		1/2" Line Strainer		
1		1/2" Steam Trap		
16		1/2" Welds		

—— hrs. —— hrs. Approximate Assembly Time

Grand Total Cost ——————

Figure 1 **1000 traps = 5000 valves = 5000 possible stem and body gasket leaks**



Overall length greater than 30 inches (762 cm)

Valve Functions

① Trap inlet line start-up blowdown valve (visual)
② Trap inlet isolation valve
③ Trap outlet isolation valve
④ Return line blowdown and test valve (visual)
⑤ Strainer blowdown valve (visual)

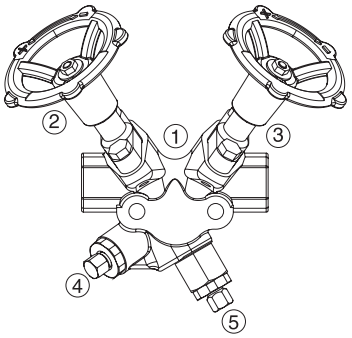
Gate and globe valves have exposed rising stems which can corrode and gather dirt which tears stem packing and causes steam leaks.

Armstrong Compact Trap Valve Station

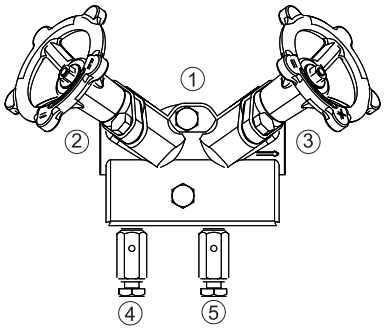
TVS Assembly Components

① Trap valve station
② Trap inlet piston style isolation valve
③ Trap outlet piston style isolation valve
④ Full port needle style test valve
⑤ Strainer with blowdown valve

* * Adaptable to Armstrong 2000 series inverted bucket, disc, thermostatic, thermostatic wafer, bimetallic or float and thermostatic steam traps or any other manufacturer's 2-bolt steam trap.



TVS-4000 Trap Valve Station



TVS-5000 Trap Valve Station

Qty.	Unit Cost	Total Cost TVS 4000
_____	_____	$ _____

Piston valve has enclosed non-rotating rising stem which protects the stem from corrosion and dirt.

*last updated 11/15