

Main Steam Vents

How to Select Steam Vents

Model Number	Radiator (Angle Type)	Convactor (Bottom Inlet)	Unit Heater	Mains	Thermostatic Vent (only)	Remarks
1A	X					Adjustable Orifice
70A	X					Fixed Orifice
40	X					Fixed Orifice
1B		X				Adjustable Orifice
41		X				Fixed Orifice
43		X				Fixed Orifice
45		X				Fixed Orifice
71A		X				Fixed Orifice
71B		X				Fixed Orifice
71C		X				Fixed Orifice
508		X				Moisture Type
4A				X		Small Systems
75				X		Low Pressure
75H				X		High Pressure
76				X		Vacuum Systems
3					X	Paul Systems
74			X			Unit Heaters
4					X	Small Systems
8C					X	High Pressure

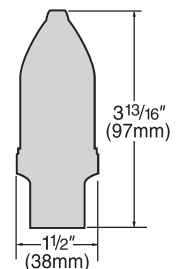
Model 4A Part No. 401413

Air Valve (non-vacuum)

- Float-type thermostatic vent
- For residential or small one-pipe or two-pipe systems
- Single non-adjustable port
- ½" NPT female and ¾" NPT male straight shank
- Install 6-10" (150-250mm) above horizontal return and 18" (450mm) above the boiler water line
- Maximum operating pressure 2 psig (0.13 bar)*
- Maximum pressure 10 psig (0.7 bar)



Air Valve
Model 4A



Model 75 Part No. 401434

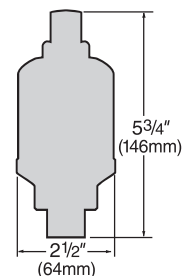
75H Part No. 401437

Air Valve (non-vacuum)

- Float-type thermostatic vent
- For medium and large systems
- Single non-adjustable port
- ½" NPT female and ¾" NPT male straight shank
- Maximum operating pressure*
 - Model 75 3 psig (0.2 bar)
 - Model 75H 10 psig (0.7 bar)
- Maximum pressure 15 psig (1.0 bar)



Air Valve
Model 75 & 75H



*Drop away pressure (maximum pressure against which the vent can open).

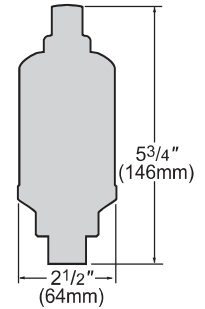
Model 76 Part No. 401432

Vacuum Valve

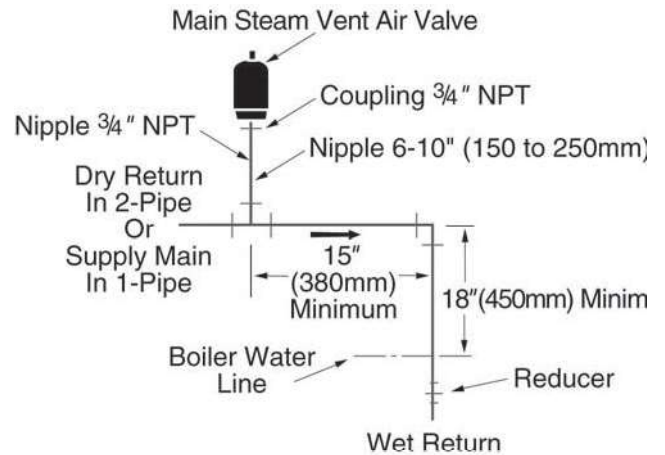
- Float-type thermostatic vent
- For medium and large one-pipe vacuum systems
- Single non-adjustable port
- ½" NPT female and ¾" NPT male straight shank
- Install 6-10" (150-250mm) above horizontal return and 8" (450mm) above the boiler water line
- Maximum operating pressure 3 psig (0.2 bar)
- Maximum pressure 15 psig (1.0 bar)



**Vacuum Valve
Model 76**



Installation



To prevent steam vents from sputtering water or damage from water hammer, observe the minimum elevations shown.