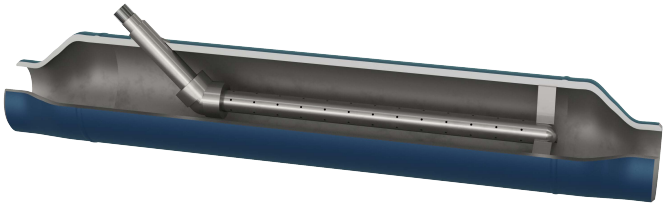
Carbon Steel

Model	**FA**
Inlet / Outlet Sizes	**1-1/2", 2", 2-1/2", 3", 4"**
Shell End Connections	**Butt Weld**
Shell Material	**Carbon Steel**
HP Inlet Tube Material	**Stainless Steel**
PMO Max. Operating Pressure	**150 PSIG**
TMO Max. Operating Temperature	**366ºF**
PMA Max. Allowable Pressure	**150 PSIG @ 562˚F**

Note: ASME UM Code Stamp optional.



Typical Applications

The FA Series Flash Arrestors are installed in condensate return systems when introducing high pressure condensate into low pressure return piping. The integral sparge pipe is used to diffuse the incoming condensate from a steam trap to reduce the effects of water hammer, significantly improving return system operation. A flash arrestor can also mitigate water hammer and elevated return pressures and temperatures in overstressed or flooded return lines.

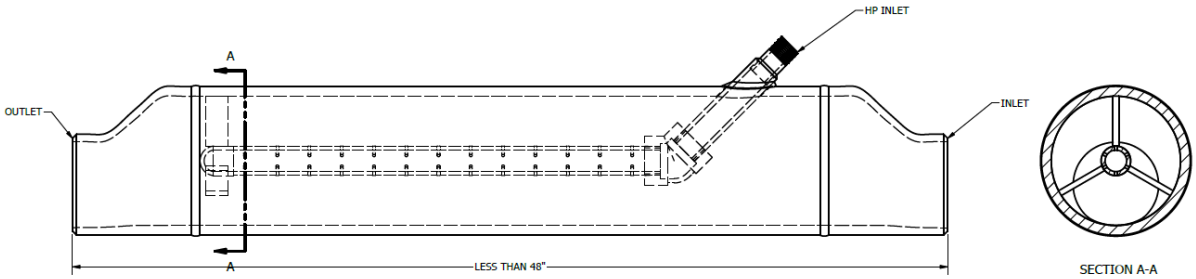
Standard design is Carbon Steel Schedule 80 shell and SST HP inlet pipe. Many options available; Consult factory.

How to Size / Order

Many applications of the flash arrestor allow sizing to match the shell end connections to condensate piping diameter and the high-pressure inlet tube to the discharge connection size of the steam trap.

To confirm appropriate sizing, consult factory with Steam Trap Inlet Pressure, Steam Trap Size, Condensate Pipe Diameter, and Condensate Return Pressure.

MATERIALS	
Shell	Carbon Steel SA-105
HP Inlet Tube	Stainless Steel, Schedule 80
Pipe Reducers	Carbon Steel



DIMENSIONS

		Inlet / Outlet Connection		Shell Diameter	HP Inlet Connection		Weight lbs
Size Code	Model Code	Size	Connection Type	Size	Size	Connection Type	Size
1-1/2" x 4"	FA-16-BW-20-14-N-CS	1-1/2"	Butt Weld	4"	1"	NPT	55
2" x 4"	FA-17-BW-20-14-N-CS	2"		4"			55
2-1/2" 4"	FA-18-BW-20-14-N-CS	2-1/2"		4"			55
3" x 4"	FA-19-BW-20-14-N-CS	3"		4"			55
3" x 6"	FA-19-BW-22-14-N-CS	3"		6"			90
4" x 6"	FA-20-BW-22-14-N-CS	4"		6"			95

Note: Many material, size, and end connection options available; Consult factory.