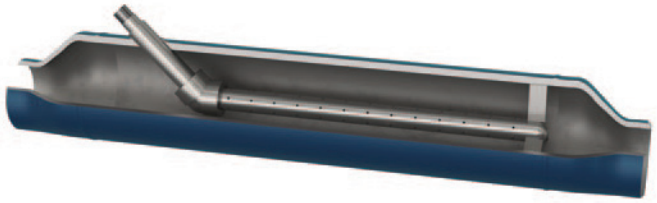
Carbon Steel

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 Pressure	**366˚F**
PMA Max. Alowable Pressure	**150 PSIG @ 562˚F**



Typical Applications

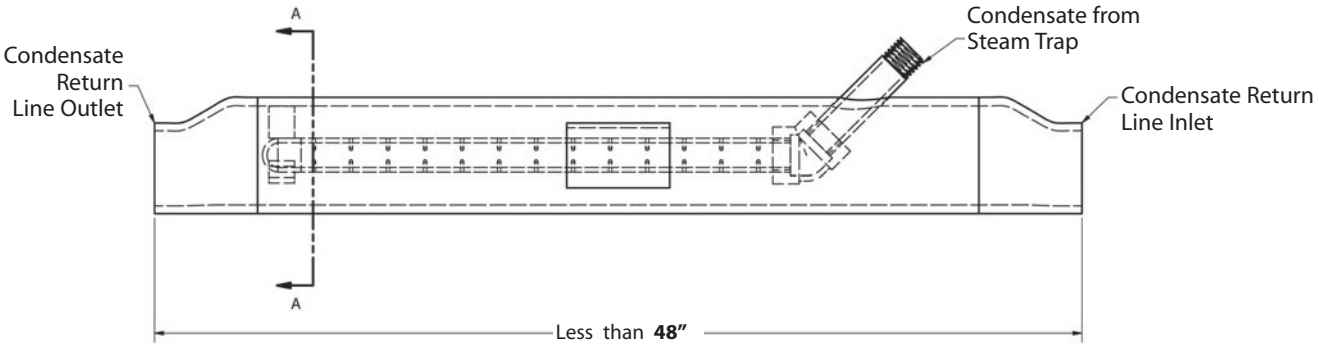
The **FA Series Flash Arrestors** are installed in condensate return piping to introduce high pressure condensate discharging from steam traps into the lower pressure condensate in the return system. The integral sparge pipe is used to diffuse the incoming bi-phase flow (condensate and flash steam) from a steam trap, which mitigates water hammer that would normally occur when discharging high pressure condensate directly into the condensate return that will be at a lower pressure.

Flash arrestors can be included when designing systems with multiple condensate return pressures or installed in overstressed or flooded return lines to improve stability. Standard design is Carbon Steel Schedule 80 shell and SST HP inlet pipe. Many options available; Consult factory.

How to Size / Order

Shell inlet and outlet conditions typically sized to match condensate return pipe diameter. To confirm sizing details, consult factory with Condensate Return Pipe Diameter and Pressure, as well as Steam Trap Size, Inlet Pressure, and Condensate Load.

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



PIPELINE ACCESSORIES

DIMENSIONS & WEIGHTS

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

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