

Flashback arrestors for plasma systems

DESCRIPTION:

Park Industries offers flashback arrestors for use with the XPR300 plasma cutting system from SuperFlash[®] Compressed Gas Equipment. They are required for use with the XPR300 OptiMix console which blends Nitrogen, Argon and Hydrogen for premium cutting of non-ferrous metals.

The Hypertherm XPR300 instruction manual includes the following statement:
"Flashback arrestors are required to stop the spread of fire to the supply gases".

These devices are flashback arrestors and **not** a simple reverse flow check valve. They stop flashbacks by absorbing the heat of the flame front using a sintered stainless steel element. Once the flashback has been stopped, the gas will continue to flow. A single flashback arrestor can stop hundreds and hundreds of flashbacks, and the unit is not damaged.

SuperFlash[®] flashback arrestors are UL approved and 100% tested for reverse flow, leak integrity, and flashback protection with actual flashbacks. Other features include a built-in 100 micron inlet filter, reverse flow check valve, and a 3-5 micron flame barrier.

Gas	Inlet Connection	Outlet Connection
Oxygen	9/16" UNF ¹ F	9/16" UNF ¹ M
Hydrogen	9/16" UNF ¹ F	9/16" UNF ¹ M

¹ - CGA Class "B" connection
M - male
F - female

