Dry Flashback Arrestor & Temperature activated

Silver ARRESTOR series

APOLLO FLASHBACK ARRESTOR

Model: **GA-1S & GA-1SS** for Oxygen and **GA-2S & GA-2SS** for Fuel gas.
The package **SILVER Z SET** consists of above"SS"model and plug of quick coupling.

The package SILVER Z SET



The package SILVER Z SET consists of flashback arrestor GA-SS model and plug of quick coupling.



GA-1S (For oxygen gas)



GA-2S (For fuel gas)

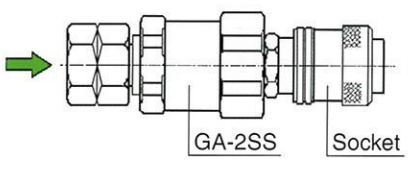


GA-1SS (For oxygen gas)

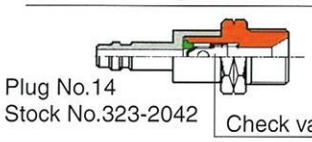


GA-2SS (For fuel gas)

SILVER ARRESTOR GA-2SS



Sentinel Plug for GA-2SS



Silver Z SET (Stock No.)	SILVER ARRESTOR (Stock No.)	Sentinel Plug (Stock No.)
OXYGEN SET (S1C13081)	GA-1SS (S1C12781)	Plug No.13 (323-2022)
FUEL GAS SET (S1C13082)	GA-2SS (S1C12782)	Plug No.14 (323-2042)



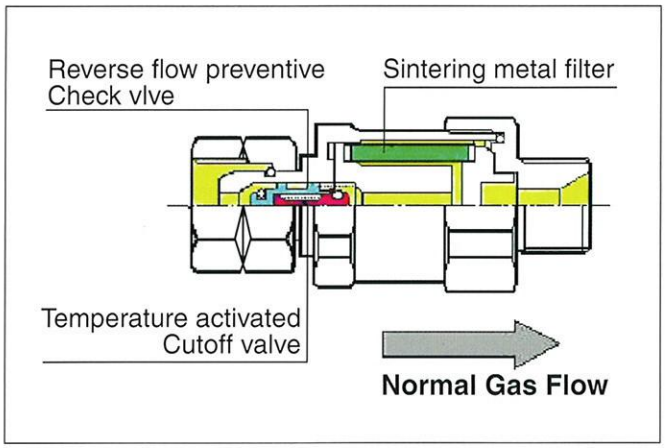
KOIKE SANSO KOGYO CO., LTD.

AP-S1C08-1

Standard specification for SILVER ARRESTOR

Model	GA-1S	GA-2S	GA-1SS	GA-2SS
Stock Number	S1C12681	S1C12682	S1C12781	S1C12782
Acceptable Gas	Oxygen	Fuel Gas	Oxygen	Fuel Gas
Operating Pressure Range	0.1~0.9 MPa (14.5~130.5 lb/in2)	0.01~0.13 MPa (1.45~18.85lb/in2)	0.1~0.9 MPa (14.5~130.5 lb/in2)	0.01~0.13 MPa (1.45~18.85lb/in2)
Maximum Flow Rate	25,000NL/H (882.8 ft3)	3,000NL/H (105.9 ft3)	25,000NL/H (882.8 ft3)	3,000NL/H (105.9 ft3)
Primary side	UNF9/16-18RHT	UNF9/16-18LHT	UNF9/16-18RHT	UNF9/16-18LHT
Secondary side	UNF9/16-18RHT	UNF9/16-18LHT	Type of Socket No.7	Type of Socket No.8
Length	60.5mm	60.5mm	81.0mm	83.0mm
Weight	122g	122g	157g	160g
Check Valve	Security against the reverse flow from secondary side.			
Sintering metal filter	The sintering metal filter makes flame cool down to below the ignition temperature, Therefore the gas cannot re-ignite on the inlet side.			
Temperature Cut off valve	When the temperature exceeds 95℃,the supply of gas is stopped. This valve cannot be opened out again, only can be used at once.			

The type of socket No.7 & 8 can be fitted to each Plug No.13 & No.14 of Sentinel coupling series.



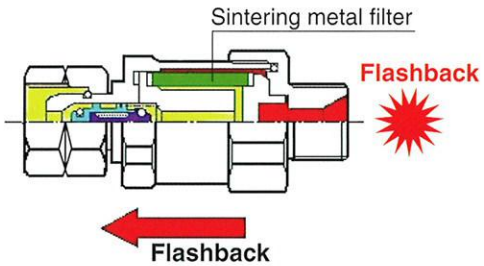
The sintering metal filter makes flame cool down to below the ignition temperature, Therefore the gas cannot re-ignite on the inlet side then this sintering metal stop the flame.

The check valve prevents the reverse gas flow from the distribution line or single cylinder. This valve will not allow gases to mix.

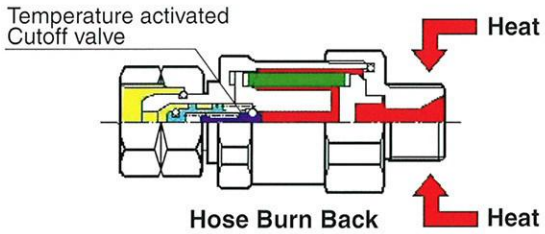
The temperature activated cut-off valve

The dry circuit breaker of built-in thermal detector cut off valve is set to activate an emergency stop the moment the internal temperature exceeds 95℃.

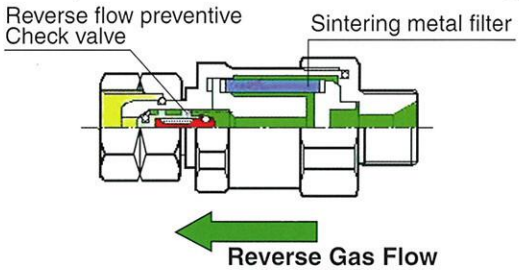
◆Sintering metal filter quenches the flame



◆When the body is heated up this valve stops the gas flow from supply side.



◆To stops the reverse flow of mixture gases



KOIKE ARONSON,INC.

Main Office
635 W. Main St., P.O. Box 307 Arcade, NY 14009 Phone (585)492-2400 Fax (585)457-3517

Houston Sales Office
1285 North Post Oak, Suite 150 Houston Tx 77055 Phone (713)682-9645 Fax (713)957-4852

Visit us at www.koike.com

Specifications shown here in are subject to change without notice

Printed in Japan