

# AMEROX FLASHBACK ARRESTOR & BACKFIRE VALVE



## INTRODUCTION

Approved FLASHBACK ARRESTOR should always be attached in the inlet connection of a welding torch handle or a cutting torch. The AMEROX Flashback Arrestor contains a sintered stainless steel filter element that arrests (quenches) a flashback originating at the torch. It also includes a backflow check valve. However, in the event of repeated flashbacks, the arrestor element may become overheated. The flashback may be reignited, continuing upstream through the hose to the regulator.

To prevent serious damage and possible injury, AMEROX BACKFIRE VALVE should be installed at the regulator. In case of backfire, these backfire valves will automatically stop the flow of gas in either direction, extinguish the backfire and relieve any excess pressure buildup in the hose.

Drew Marine Backfire Valve and Flashback Arrestor are manufactured according to ISO 730-1 and ISO 5175.



Torch Handle with Flashback Arrestor AC/OX



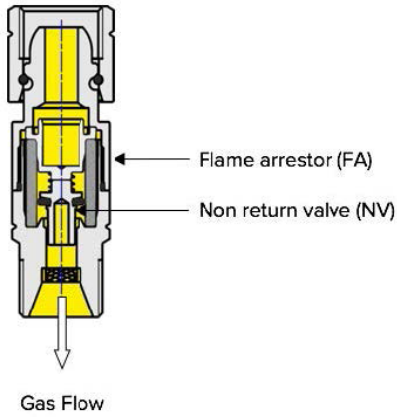
Backfire Valve AC/OX

DESCRIPTION	PCN
Flashback Arrestor, AC	0542010
Flashback Arrestor, OX	0543018
Backfire valve, AC - 180	0548026
Backfire Valve, OX - 180	0549024
Welding Torch Handle	0526014

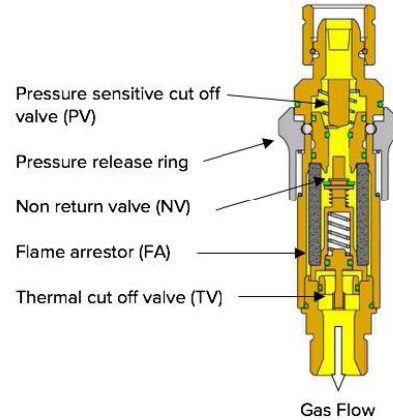


Contact your Drew Marine representative for more information

Flashback Arrestor



Backfire Valve



## SAFETY ELEMENTS

1. Pressure sensitive cut off valve (PA) prevents against the pressure shockwave caused by reversed gas flow.
2. Pressure release ring Use to reset the backfire valve after it had been activated.
3. Non-return valve (NV) allows gas to flow in only one direction, safely prevents the mixture of gases.
4. Flame arrester (FA) cools the flame down below its ignition temperature.
5. Thermal cut off valve (TV) Automatically melts at predetermine temperature to prevent temperature build up caused by repeated flashback.



# Drew Marine.

400 Captain Neville Drive  
Waterbury, CT 06705 USA  
1-973-526-5700  
Drew-Marine.com

Copyright © Drew Marine. All Rights Reserved. All statements, information and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, express warranty or implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which seller assumes legal responsibility, and they are offered solely for your consideration, investigation and verification. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent.