



**FIRE AND EXPLOSION CONTROL**  
PROTECTING PEOPLE AND ASSETS WITH THE  
MOST ADVANCED TECHNOLOGY.



## SNUFFING OUT FLAME PROPAGATION

FAV Systems Inc. is recognized as the world leader in Detonation Flame Arrestor technology. Their unique and patented flame quenching cell is unlike any in the industry. Boasting the highest regulatory ratings available, FAV Systems Detonation Flame Arrestors are used by most major oil, gas, refining, petrochemical and transportation facilities across the continent.

Arrestors can be installed in various configurations for many unique applications. To ensure the ultimate level of safety for all setups, FAV Systems Inc. recommends complimenting the FSSDFA with the FAV Systems Inc. Flame Suppression System (FFSS). When used in conjunction with the FAV Systems Sure Stop Detonation Flame Arrestor, your facility will be equipped with the safest protection system available.

The FFSS uses a pneumatic heat probe to detect temperature rise. If flame is sensed, a pneumatic valve is opened which in turn activates a motor valve (normally closed). A flood of gas or nitrogen supply is injected into the detonation flame arrester and instantly smothers the internal flame. In effect, the detonation arrester halts the initial flame front, and the FFSS kills it.

FFSS can be adapted to fit all detonation or deflagration flame arrestors. One style fits all FAV Systems Inc. models and can be adapted to other manufacturer's models also. Call today to ensure the protection of your lines, facilities and personnel.



- \*Pneumatic heat probe detects temperature rise
- \*Pneumatic valve is opened
- \*Activates a Kimray motor valve (normally closed)
- \*A flood of gas nitrogen supply is injected into the arrester
- \*Instantly smothers the flame
- \*Can be adapted to fit any DA, FA

**ONE SIZE FITS ALL FAV  
SYSTEMS INC. MODELS**

SPECIALIZED IN PREVENTING FUGITIVE EMISSIONS

Contact: 1 (956) 589 8832

[www.favsystems.com](http://www.favsystems.com)