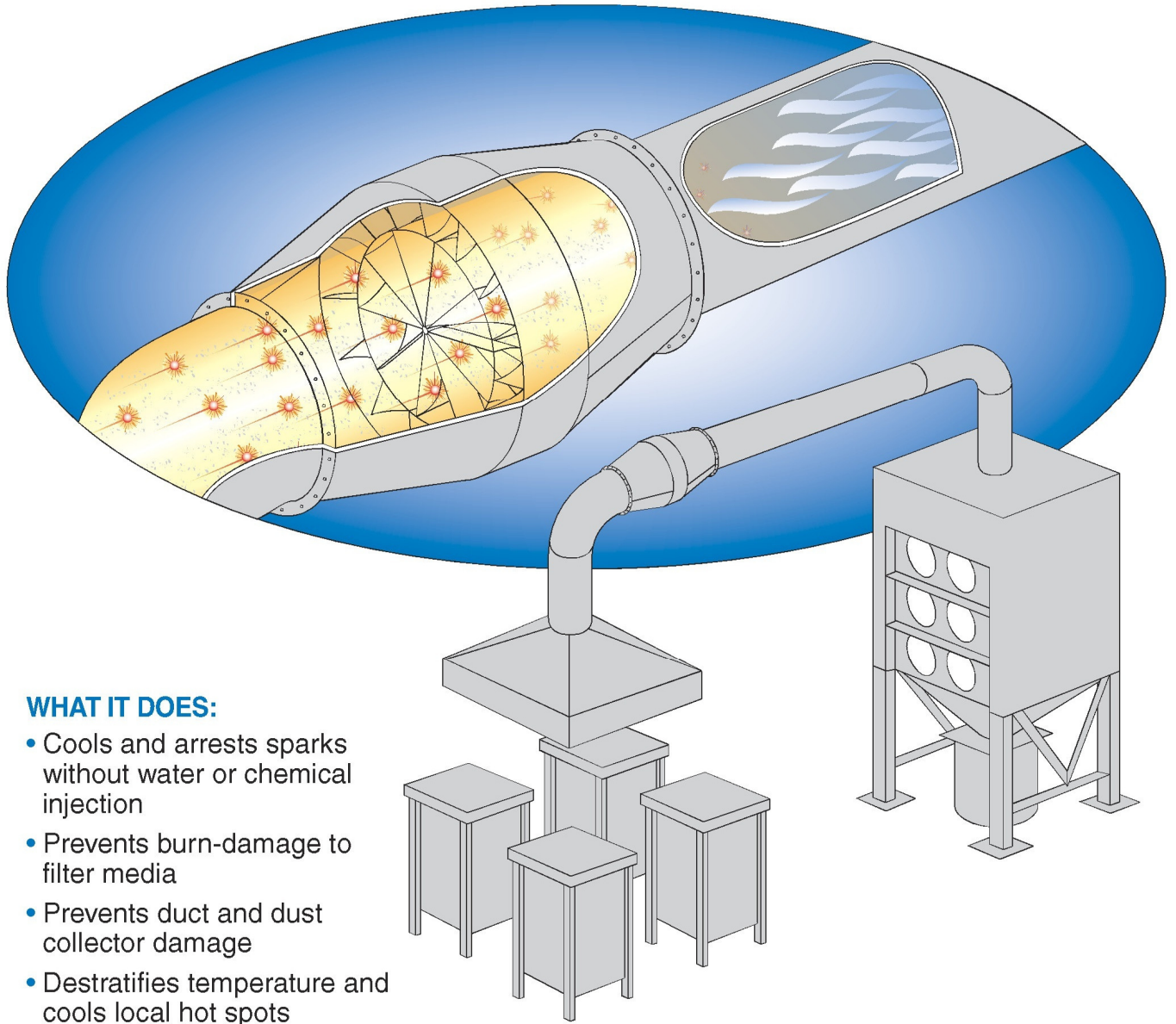


SPARK COOLER[®]

Dramatically Reduce Sparks in Dust Collection Systems



WHAT IT DOES:

- Cools and arrests sparks without water or chemical injection
- Prevents burn-damage to filter media
- Prevents duct and dust collector damage
- Destratifies temperature and cools local hot spots

The **Spark Cooler** is ideally suited to mitigate or eliminate sparks generated in metal and other low-load material processing applications, under non-explosive conditions.



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Patent #s
 US 7,416,573
 US 7,588,611
 CAN 2,541,488

Spark Cooler

Business Operation Benefits

- Improves operations and virtually eliminates maintenance downtime
- Greatly reduced damage to filter media
- Quick payback
- Dramatically reduces risk and incidence of fire
- Integral part of Plant Safety Program
- More cost effective than conventional water-based extinguishing systems

Easy Installation, No Maintenance

- Minimal pressure drop
- Zero footprint/space requirement
- Static device – no moving parts
- No electrical controls
- Easily installed in retrofit or new applications
- No factory rep or technician required for installation
- No calibration or adjustment procedures
- Works in vertical or horizontal position

	Ideal Applications
PROCESSES	<ul style="list-style-type: none"> • Metal Grinding • Resistance Welding • Plasma Cutting • Laser Cutting • Thermal Spray • Carburization • Metal Quenching
SPECIFIC APPLICATIONS	<ul style="list-style-type: none"> • All Metal Process Industries • Fabrication facilities • Automotive plants • Foundries • Metal Recycling • Robotic weld cells • Battery Recycling • Ball Bearing Manufacturing • Charcoal manufacturing • Shoe grinding (rubber) • Coffee manufacturing
VELOCITY	Optimal: 1500-5000 fpm
TEMPERATURE	Optimal: up to 300° primary air stream
PARTICLE SIZE	Small-to-medium sized embers
DUCT DISTANCE	Optimal: 10 diameters Effective: 5 diameters Functional: > 1 diameter



TERMS AND CONDITIONS OF SALE FOR WARRANTY INFORMATION, LIMITATIONS OF LIABILITY AND OTHER IMPORTANT OPERATING INFORMATION AND RESTRICTIONS APPLICABLE TO THIS PRODUCT.



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