MSA FlameGard® 5 MSIR
Flame Detector Performance Comparison

Versatile Flame Detection

Exclusive Neural Network Technology (NNT) allows the FlameGard 5 MSIR Flame Detector to
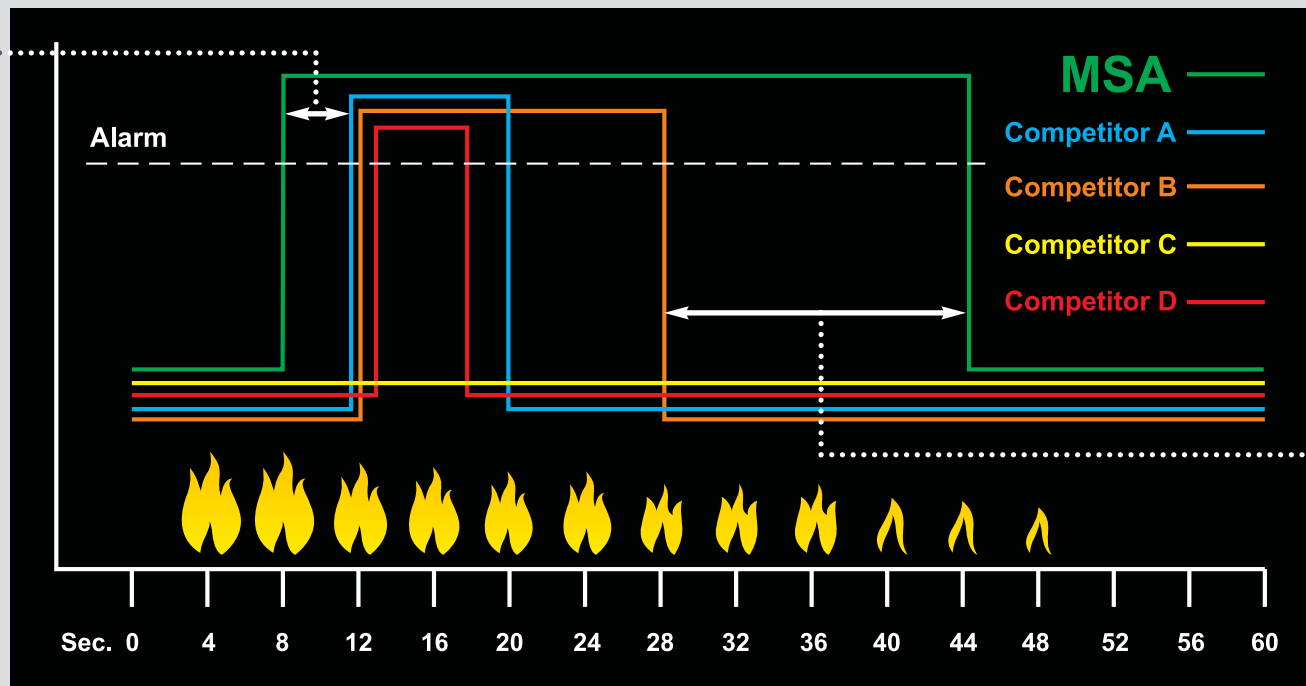## see fire first, sense it the longest and see the smallest fire.

- NNT 4-IR sensor combination is highly immune to false alarms
- No other flame detector can match NNT weighted system– competitors use pass/fail algorithm
- Multi-spectrum IR (MSIR) sensor array provides increased range and wide field of view
- Continuous Optical Path Monitoring (COPM) checks optical path integrity and detector's electronic circuitry

Flame Detector Test Parameters

- 150′ distance between detectors and 1′ x 1′ gasoline fire
- All units set to high sensitivity, all confirmed to be in working order

Flame Detector Performance

MSA FlameGard 5 MSIR Flame Detector detected the fire *4 seconds before* the competition.

Alarm

MSA

Competitor A

Competitor B

Competitor C

Competitor D

MSA FlameGard 5 MSIR Flame Detector saw the fire for *16 seconds longer* than all competitive units.

Sec. 0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60

*Because every life has a **purpose...***