**Fire starts**
Time = 0 seconds

**System Activated**
Time = 15 seconds

**Fire Out**
Time = 17.4 seconds

# Kitchen Mister
## Fire Suppression Systems

FIRE BUCKEYE EQUIPMENT

ETS NORD

# Protect with the best.

## Kitchen mister - restaurant fire suppression system

**Open flames, red-hot cooking surfaces, and a heavily grease-laden environment combine to make the modern commercial kitchen a potentially dangerous fire hazard. Kitchen fires spread quickly and have proven to be very difficult to extinguish, making them the leading cause of structural fire damage in the United States. Protecting the modern commercial kitchen from the ever-present danger of cooking oil and grease fires is the reason we developed The Buckeye Kitchen Mister™ System. Utilizing state of the art misting technology, the Kitchen Mister System has proven to be the most effective fixed kitchen fire extinguishing system ever developed, extinguishing potentially deadly kitchen fires fast, before theycan spread.**

**That's why the Kitchen Mister System is quickly becoming the preferred choice of fire protection professionals throughout the world. So before fire strikes…**

**Don't take chances - Demand the best!**

### System cylinders

The models **BFR-5, BFR-10, BFR-15** and **BFR-20** cylinders are designated by flow point capacity (so the **BFR-5** supports five (5) flow points) instead of the amount of agent they hold. Recharge is available in 5 and 10 flow point containers so there's never a chance of error.

BFR-5 BFR-10 BFR-20 BFR-15

### Buckeye shielded cable

**The Kitchen Mister Shielded Cable Interface** is used to connect Buckeye Shielded Cable to any standard ½ inch conduit connection device. The use of Buckeye Shielded Cable instead of conduit and corner pulleys for connecting the gas valve, remote pull station, and fusible link line to the Systems Releasing Module reduces installation time by up to 50%.

## Listings and approvals

- Listed to Underwriters Laboratories, Inc. Standard UL-300
- Listed to Underwriters Laboratories of Canada, Inc.
- Approved by the New York City Fire Department COA #5550
- Complies with NFPA-96 and NFPA-17A Standards
- Approved by LPCB - Loss Prevention Standard LPS 1223
- Complies with EN-16282 and EN-17446 Standards
- CE certified

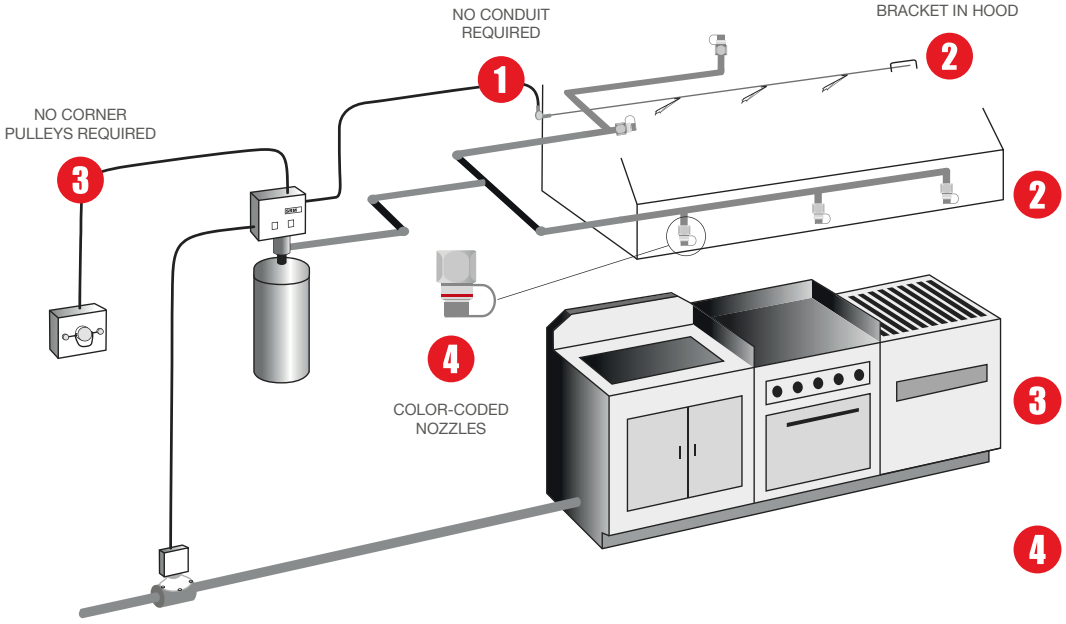
UL LISTED

# Install for less.

## Tested & listed to UL-300

### Discharge nozzles

All five (5) Kitchen Mister nozzles come equipped with a color identification band, **red, blue, green, white** and **yellow**. This allows for easy identification of the nozzle even when it's installed in difficult locations such as a duct or plenum area. The nozzle is also stamped with its model number.




1. **No conduit required**
   By using Buckeye Shielded Cable no conduit is required for system inputs/outputs. Buckeye Shielded Cable is Listed for the gas valve, detection line, and pull station.
2. **No conduit & only one Anchor bracket in hood**
   The Kitchen Mister System eliminates the need for conduit in the plenum and requires only one anchor bracket in the exhaust hood.
3. **No corner pulleys required**
   Buckeye Shielded Cable eliminates the need for corner pulleys, making installation easy and fast.
4. **Color-coded nozzles**
   All Kitchen Mister nozzles have a unique color band for easy identification.

### Simplicity of design

The constant changes and complicated requirements of most restaurant systems have made design and installation errors a concern of fire protection professionals globally.

The uncomplicated design of the Kitchen Mister System all but eliminates design and installation errors by combining common sense features and eliminating confusing design requirements.

### Faster installations

By eliminating the labor-intensive task of installing conduit, corner pulleys, and detector brackets, the Kitchen Mister System dramatically reduces installation time.

The Kitchen Mister System is approved for use with Buckeye Shielded Cable or traditional conduit and corner pulleys for all system inputs and outputs. This, combined with the elimination of conduit and fusible link brackets in the plenum area, makes installing the Kitchen Mister System quick and easy.

### Dealer friendly features

- Uncomplicated system design eliminates design and installation errors.
- Installation time significantly reduced.
- Innovative design eliminates conduit and corner pulleys.
- Advanced detection system installs quickly and easily.
- Color-coded nozzles for easy identification.
- Flexible piping requirements allow for unlimited system configurations.
- Best coverage in industry.
- Online & face to face training.

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