



**AIR QUALITY  
ENGINEERING**

*Tailored solutions from people who care*



**Indoor Air Quality Solutions**

**MistBuster® Fire Damper**

## Overview

The MistBuster® Fire Damper assembly integrates a fire damper into an Air Quality Engineering housing designed to mount directly to the intake of the MistBuster air filtration system. It provides passive fire protection while maintaining compatibility with most MistBuster mounting configurations, including plenum-mounted and suspended installations.

## Design & Integration

### Direct Intake Integration:

Mounts directly to the MistBuster inlet, creating a secure connection between the duct/plenum and air cleaner while maintaining compatibility with most standard mounting options for new or retrofit installations.

### Robust Design

The fire damper assembly features a UL approved fire damper curtain that is mounted in a fully welded, 14 gauge steel frame.

## Fire Protection Features

### Fusible Link Mechanism:

Temperature-rated fusible link triggers damper closure under elevated heat conditions.

### Automatic Closure:

The damper is designed to close automatically when triggered, helping restrict airflow and limit flame or smoke movement through the system.

## Application

CNC machine tools  
Industrial mist collection systems  
MistBuster installations requiring intake-side fire protection

## Specifications

### MODEL:

75AH (1-1/2 HR rating)



### APPLICATION

The model 75AH fire damper. It is approved for use in walls, floors, and partitions with fire resistance ratings less than 2 hours. This model carries a 1-1/2 hour UL fire damper label.

### RATING:

#### UL CLASSIFIED:

UL 555 Fire Resistance Rating - Fire resistance rated 1-1/2 Hours - Partitions materials rated 2 Hours or less

Model 75A meets the requirements for fire dampers established by:

CSFM California State Fire Marshal Fire Damper Listing (#3225-1417:102) - British Standard (BS – 476 Part 20)

### Standard Construction

Frame: 22 Ga, galvanized steel  
Blade: 22 Ga, galvanized steel  
Closure Spring: Negator stainless steel  
Fusible Link: 165°F (Standard)  
Mounting: Horizontal.

## FIRE DAMPER

