



# FIRE DAMPER MODEL KFD-L-555

UL CLASSIFIED 3 HOURS RATING

## APPLICATION

MODEL KFD-L-555 is approved for use in walls, floors and partitions with fire resistance ratings 4 hours or less.

UL 555 Classified Dynamic rated Fire damper for use in HVAC systems that are operational in the event of fire.

Dynamic closure with airflow on both sides rated:

- Max Static Pressure: up to 4" W.G (1000Pa)
- Max Velocity: up to 4400 FPM (20.3m/s).

## STANDARD CONSTRUCTION

### FRAME

16 gauge (1.6mm) galvanized steel interlocking hat section channel frame construction.

### BLADES

16 gauge (1.6mm) galvanized 3 "V" formed.

### CLOSURE DEVICE.

- Fusible link 165°F (74°C) for Non Mototized.
- Electronic Fusible link RS-100 with closure temperature of 165° F (74°C) (others available)

### BEARINGS

Sintered bronze, oil impregnated.

### AXLES

1/2" (12.7mm) square zinc plated steel studs.

### LINKAGE

0.12 x 0.50 (3x12.7mm) zinc plated steel concealed in the channel frame.

### FINISH

Mill galvanized.

### BLADES SEALS

None

### JAMB SEALS

None

### JACK SHAFT

1/2"(12.7mm) diameter zinc plated steel with jack-shaft connector coupling.

### ACTUATOR

Electric spring return 230V, 120V or 24V and pneumatic.

### CAULKING

UL approved silicone sealants: Dow Corning RTV-732, Nuflex 302.

### SLEEVES

Rectangular.

### MINIMUM SIZE Single Section

8" (203mm) Width x 8" (203mm) Height.

### MAXIMUM SIZE Single Section

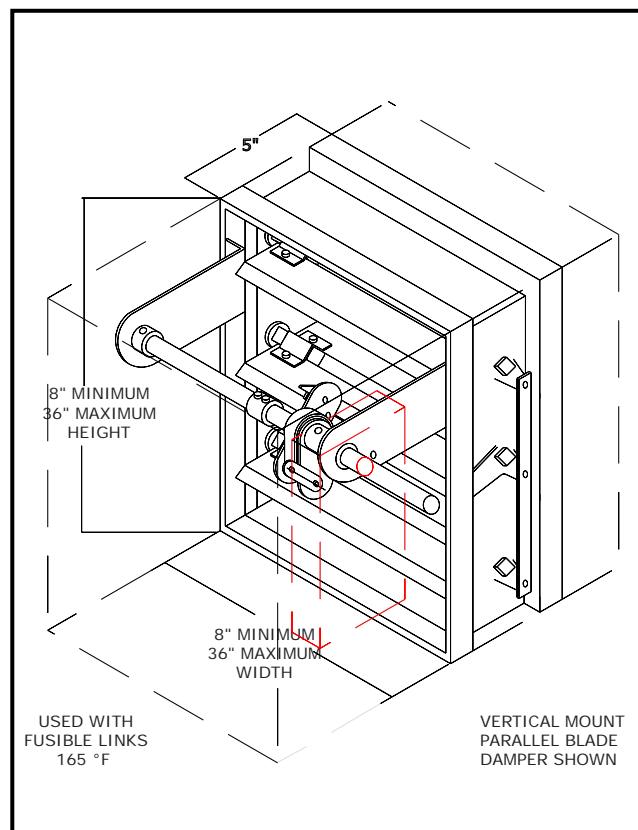
36" (914mm) Width x 36"(914mm) Height.

30" (762mm) Width x 48"(1219mm) Height.

## FEATURES.

\*Each damper is marked with a 3 hours UL555 Classified fire damper label for use in Dynamic system.

\*Meets NFPA 90A criteria for primary fire dampers in walls and floors with fire resistance ratings of 4 hours and less.



## OPTIONS

CLOSURE DEVICE: RS-200, FUSIBLE LINK, RL.

BEARINGS: Stainless steel.

ACTUATOR MOUNTING: External & internal.

OPTIONAL MATERIAL: Stainless steel construction.

SLEEVES: Round, oval and specials.

## NOTES.

\*Dampers furnished approximately 1/4" (6mm) smaller than given duct dimension

\*Refer to the KBE Installation Instruction and supplements for complete installation details.

