

## A-60 MARINE FIRE DAMPER USCG TYPE APPROVED A-60

### APPLICATION

The A-60 Marine Fire Damper is tested and United States Coast Guard approved for fitting to Class A-60 Divisions (bulkheads and decks). It is constructed with aerodynamic stainless steel interlocking opposed blades and closes upon loss of power or high heat. The A-60 is fitted with an electrical thermal release device (ETR72) which includes a manual test switch that allows periodic operation of the damper for testing purposes.

### STANDARD CONSTRUCTION

#### FRAME

6" x 18 gage (150 x 1.2) galvanized, flanged channel.

#### BLADES

Airfoil-shaped, double-skin, Type 430 Ferritic stainless steel construction. Maximum 3" (76) wide.

#### BEARINGS

Stainless steel blade end bearing and peripheral gasketing.

#### JAMB SEALS

Stainless steel, flexible metal compression type. Full perimeter.

#### LINKAGE

Concealed in frame.

#### ETR72 (Electrical Thermal Release)

161°F (72°C) standard.

### DAMPER SIZES

#### MINIMUM SIZE SINGLE SECTION

Vertical or Horizontal – 4"w x 4"h (102 x 102).

#### MAXIMUM SIZE SINGLE SECTION

Vertical or Horizontal – 29½"w x 29½"h (750 x 750).

#### MAXIMUM SIZE MULTI-SECTION

Vertical – 62"w x 29½"h (1580 x 750).

### OPTIONAL CONSTRUCTION/FEATURES

- 316 grade stainless steel construction
- Actuator orientation

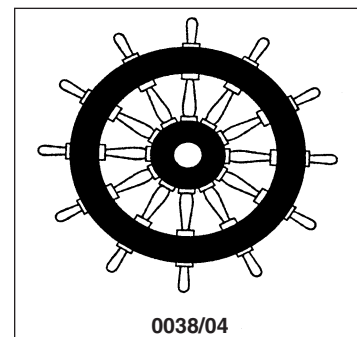
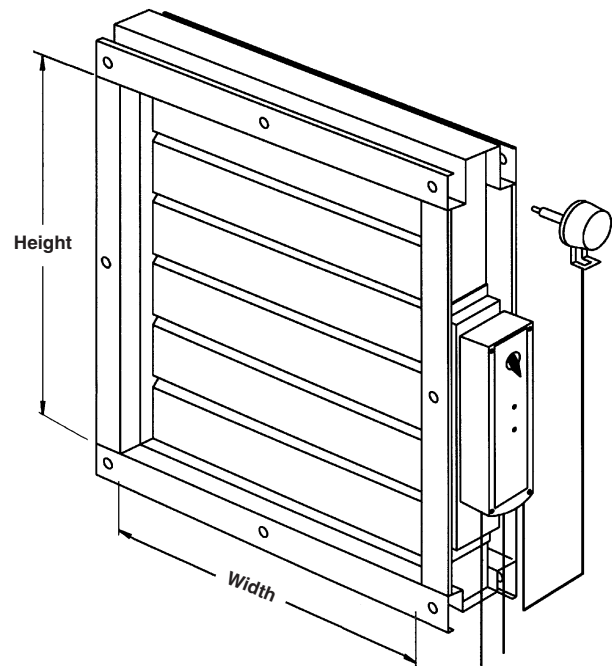
Dimensions in parentheses ( ) indicate millimeters.

#### Model A-60 meets the following requirements:

- Tested and approved for class A-60 divisions (bulkheads and decks).
- Lloyds Register of Shipping Approval to IMO Fire Test Procedures Code, Annex 1, Part 3.
- Complies to Marine Equipment Directive 96/98/EC.
- Corrosion tested to BS EN 60068-2-52. Severity 2 conditions.
- Vibration tested to BS EN 60068-2-6 (5 Hz - 35Hz @ 2g).

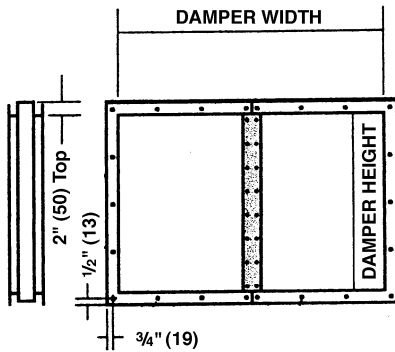
#### USCG Approval Number

164.139/EC0038/MED 0450262

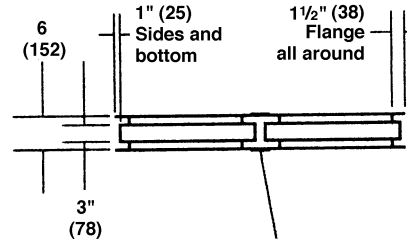


## ASSEMBLY INFORMATION

Multiple width assemblies (2 x 1) have been tested and approved to a size of 62" (1575) wide x 29 1/2" (750) high, steel jointing strips for fitting both sides of the damper multiple assembly are supplied for site fixing by others.



1/2" (13) dia. holes in each corner and equally spaced at 6" (152) centers both sides of flanges.



1.2 steel x 75 wide joining strip (both sides) riveted with 1/8" (3) steel rivets at 4" (102) centers.

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