



MARINE APPLICATIONS

FIRE DAMPERS

MARINE FIRE DAMPER MFDA



SPECIFICATIONS

- Sizes 150x150 .. 300x1200 mm
- Fire class A0/A60
- Made of galvanized steel or stainless steel (EN 1.4404/AISI 316L).
- Fire damper casing meets the requirements of leakage class B according to EN 1751.

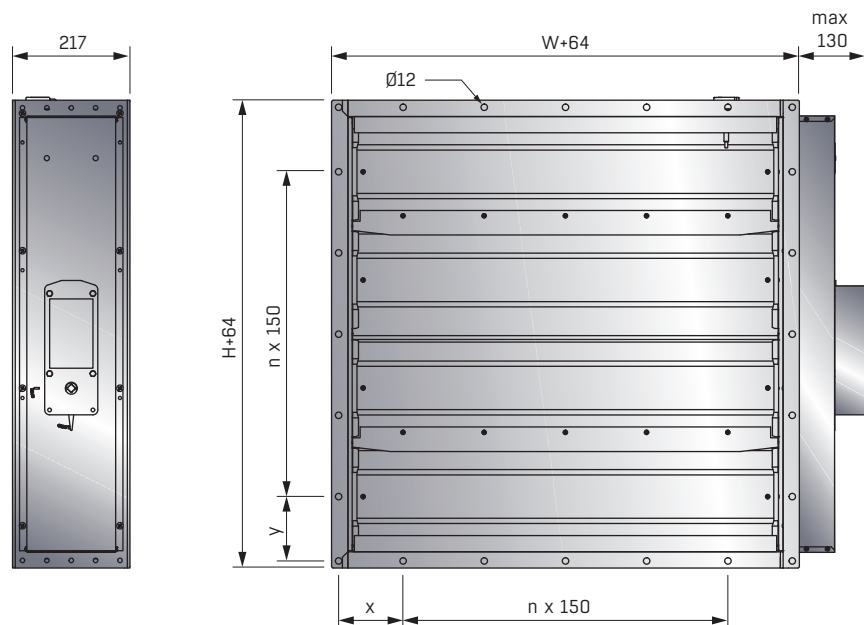
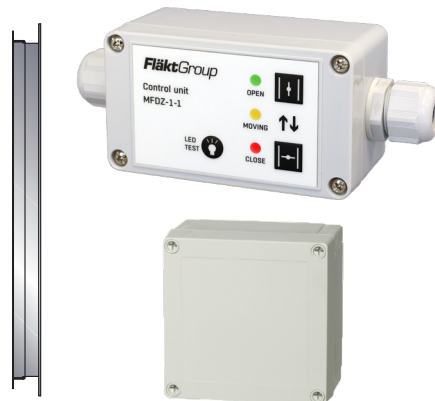
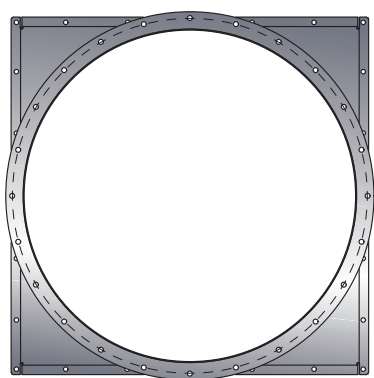
The FläktGroup marine fire dampers, MFDA, are tested and type approved according to Solas Class A0 and A60 and by most recognized classification societies such as BV, LR, DNV-GL and RINA.

Our fire dampers can be used on both Marine and Navy ships. The main function of the MFDA is to prevent the fire and smoke from spreading through the ventilation system from one fire section to another fire section, enabling the ship to continue to operate even with a fire situation on board. Additionally, the accurately functioning fire dampers minimize the damage caused by a local fire on board.

Maximum pressure against a closed damper is allowed to be 3000 Pa, and duct air velocities up to 15 m/s. Normal operating temperature is from -45 °C to + 80 °C (depending on the fuse release temperature).

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Accessories such as round duct connections, control units and junction boxes are also available.



Nominal duct size:
Width (W):
150 - 1300 mm, with 25 mm division
Height (H):
150 - 1200 mm, with 50 mm division

Marine fire damper		MFDA-aaaabbbbcdefg
Width (aaaa):	0150...1300 mm, 25 mm intervals	
Height (bbbb):	0150...1200 mm, 50 mm intervals	
Material (c):	1 = Steel, galvanized standard 2 = EN 1.4404 (AISI 316L) standard 3 = Steel, galvanized leakage rated 4 = EN 1.4404 (AISI 316L) leakage rated	
Actuator (d):	1 = Belimo 24 V 3 = Belimo 230 V	
Fuse (e):	1 = 72°C 2 = 95°C 3 = 120°C 4 = 140°C	
Flange type (f):	1 = Standard	
Connection (g):	1 = Damper only 2 = With accessories	

Control unit	MFDZ-1-i
Junction box	MFDZ-2-i
Model (i):	1 = Standard
Rectangular counterflange (separate)	MFDZ-3-aaaabbbbcf
Circular counterflange (separate)	MFDZ-4-ddddcf
Circular connection w/o flange (separate)	MFDZ-5-ggggdddc
Circular connection with flange (separate)	MFDZ-6-ggggdddcf
Width (aaaa):	0150...1300 mm, 25 mm intervals
Height (bbbb):	0150...1200 mm, 50 mm intervals
Diameter (dddd):	0100...1120 mm, according to EN 1506
Material (c):	1 = Steel, galvanized standard 2 = EN 1.4404 (AISI 316L) standard
Flange type (f):	1 = Standard flange
Rectangular standard size (gggg):	0150x0150 ... 1200x1200 other sizes available on request