



EMME.R38037  
Dampers for Fire Barrier and Smoke Applications

[See General Information for Dampers for Fire Barrier and Smoke Applications](#)

KAD AIR CONDITIONING EST  
PO Box 5389  
Dubai, UAE, UNITED ARAB EMIRATES

R38037

Fire Dampers for Use in Static Systems

Model	Hr Class	Damper Mounting Position	Single Section Damper Size, in.		Multiple Section Damper Size, in.	
			W	H	W	H
K-FD-15-A/B-18	1-1/2	V	18	18	—	—
K-FD-15-A/B-30	1-1/2	V	30	30	—	—
K-FD-15-A/B-36	1-1/2	V	36	36	—	—
K-FD-11	1-1/2	V	36	36	—	—
K-FD-12	1-1/2	V	36	36	—	—

Fire Dampers for Use In Dynamic Systems

Dampers rated 2000 fpm/ 4.0 in. WC:

Model	Hr Class	Leakage Class	Damper Mounting Position	Single Section Damper Size, in.				Multiple Section Damper Size, in.	
				W		H		W	H
				Min	Max	Min	Max		
K-MFD-20	1-1/2	II-250	V	8	36	8	36	—	—

Smoke Dampers

Dampers rated 2000 fpm/ 4.0 in. WC:

Model	Hr Class	Leakage Class	Damper Mounting Position	Single Section Damper Size, in.				Multiple Section Damper Size, in.	
				W		H		W	H
				Min	Max	Min	Max		
K-MSD-20	1-1/2	II-250	V	8	36	8	36	—	—

Combination Fire and Smoke Dampers

Dampers rated 2000 fpm/ 4.0 in. WC:

Model	Hr Class	Leakage Class	Damper Mounting Position	Single Section Damper Size, in.				Multiple Section Damper Size, in.	
				W		H		W	H
				Min	Max	Min	Max		
MSFD150-2CL-G	1-1/2	II-250	V	8	36	8	36	—	—

Last Updated on 2016-09-28

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**Certificate Number** 20141209-R38037  
**Report Reference** R38037-20141209  
**Issue Date** 2014-DECEMBER-09

**Issued to:** KAD Air Conditioning Est  
PO Box 5389  
Dubai, UAE UNITED ARAB EMIRATES

**This is to certify that  
representative samples of**

DAMPERS FOR FIRE BARRIER AND SMOKE  
APPLICATIONS

K-FD-15-A/B curtain type, for vertical mounting intended for  
use in static systems.

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:**  
**Additional Information:**

UL 555, Fire Dampers

See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

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Bruce Mahrenholz, Assistant Chief Engineer, Global Inspection and Field Services  
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# CERTIFICATE OF COMPLIANCE

Certificate Number 20160928-R38037  
Report Reference R38037-20160928  
Issue Date 2016-SEPTEMBER-28

Issued to: KAD Air Conditioning Est  
PO Box 5389  
Dubai, UAE UNITED ARAB EMIRATES

This is to certify that  
representative samples of

DAMPERS FOR FIRE BARRIER AND SMOKE  
APPLICATIONS

Combination Fire and Smoke Dampers Models: 1.5 Hr.  
Fire endurance rating, Leakage Class II,  
Model K-MSFD-20.

Fire Dampers Models: 1.5 Hr. Fire endurance rating, Model  
K-MFD-20.

Smoke Dampers Models: Leakage Class II, Model  
K-MSD-20.

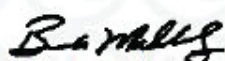
Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 555, Standard for Safety for Fire Dampers.  
UL 555S, Standard for Smoke Dampers.

Additional Information: See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

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Bruce Mahrenholz, Director North American Certification Program

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