PCJ®

Stream Air®

Dampers, Models :

- FDC, Fire Damper 3 Hr Fire Rating, ANSI/UL 555 & CAN/ULC-S112 — CLASSIFIED C UL US R26041
- FSD : Fire/Smoke Damper
- VD : Volume Damper, Ordinary
- VL : Volume Damper, Low Leak
- MD : Motorized Damper, Ordinary
- ML : Motorized Damper, Low Leak
- RVD : Round Volume Damper, Ordinary
- RVL : Round Volume Damper, Low Leak
- RMD : Round Motorized Damper, Ordinary
- RML : Round Motorized Damper, Low Leak
- OVD : Flat Oval Volume Damper, Ordinary
- OVL : Flat Oval Volume Damper, Low Leak
- OMD : Flat Oval Motorized Damper, Ordinary
- OML : Flat Oval Motorized Damper, Low Leak
- GD : Gravity Damper
- RD : Relief Damper

ANAB ACCREDITED BSI

ISO 9001:2008 Certified
Certificate No. FM 509124

Types of Fire Damper, Model : FDC

3 Hr Fire Rating, ANSI/UL 555 & CAN/ULC-S112

CLASSIFIED C UL US R26041

Frame of damper, attached to frame of fan with steel angle

Single Section
(without damper sleeve),
In Airstream,
normally open to let air flow through

Single Section
(without damper sleeve),
In Airstream,
automatically fully close when temperature reaches 165°F (74°C) to prevent fire flow through

Frame of damper, attached to frame of fan with steel angle

Single Section
(without damper sleeve),
Out of Airstream,
normally open to let air flow through

Single Section
(without damper sleeve),
Out of Airstream,
automatically fully close when temperature reaches 165°F (74°C) to prevent fire flow through

Damper sleeve, to connect to air duct

Single Section
(with damper sleeve),
In Airstream,
automatically fully close when temperature reaches 165°F (74°C) to prevent fire flow through

Single Section
(with damper sleeve),
Out of Airstream,
automatically fully close when temperature reaches 165°F (74°C) to prevent fire flow through

Fusible Link,
UL LISTED 165°F (74°C), UL 33

The fuse will be melted to release blades of the damper to automatically fully close to prevent fire when temperature reaches 165°F (74°C)

Multiple Section
(2 units of single section connected together),
Out of Airstream,
automatically fully close when temperature reaches 165°F (74°C) to prevent fire flow through

Multiple Section
(2 units of single section connected together),
In Airstream,
automatically fully close when temperature reaches 165°F (74°C) to prevent fire flow through

Multiple Section
(4 units of single section connected together),
In Airstream,
automatically fully close when temperature reaches 165°F (74°C) to prevent fire flow through

Suitable for mounting to air grilles, air louvers, duct lines installed through wall to prevent fire flow through the air grilles, air louvers, duct lines installed through wall during fire situation.

Certificates

CERTIFICATE OF COMPLIANCE

Certificate Number 20160525-R26041
Report Reference R26041-20160518
Issue Date 2016-MAY-25

Issued to: PCJ INDUSTRIES CO LTD
199/24-25 Vibhavadeerangsit Rd
Samsennai
Payathai Bangkok 10400 THAILAND

This is to certify that representative samples of Dampers for Fire Barrier and Smoke Applications
Fire Damper, Model FDC

These dampers are of the curtain type rated up to and including 3 hours.

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

Standard(s) for Safety: ANSI/UL 555, Fire Dampers.
CAN/ULC S112, Standard Method of Test of Fire Damper Assemblies.

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

Bruce Mahrenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at http://ul.com/aboutul/locations/

Page 1 of 1

ONLINE CERTIFICATIONS DIRECTORY

EMME.R26041
Dampers for Fire Barrier and Smoke Applications

Page Bottom

Dampers for Fire Barrier and Smoke Applications

See General Information for Dampers for Fire Barrier and Smoke Applications

PCJ INDUSTRIES CO LTD R26041
199/24-25 Vibhavadeerangsit Rd
Samsennai
Payathai, Bangkok 10400 THAILAND

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
FDC	3	V	48	48	96	96

Trademark and/or Tradename: PCJ, Stream Air®

Last Updated on 2016-05-31

Questions? Print this page Terms of Use Page Top

© 2016 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2016 UL LLC".

Example of Applications

for Fire Damper, Model : FDC, 3 Hr Fire Rating, ANSI/UL 555 & CAN/ULC-S112 R26041

Mounting in Air Duct Line Run through Wall

Mounting with Fan or Louver on Wall of Room in Building

Mounting with Fan or Louver on Wall of Building

Other Dampers

Model : FSD, Fire/Smoke Damper

Flange Type

Plain End Type with Damper Sleeve

Plain End Type, Actuator outside Wall

Suitable for mounting to duct lines installed through openings in walls, partitions or floors to prevent fire/smoke transfer through the openings in walls, partitions or floors.

Model : VD, Volume Damper, Ordinary

Flange Type

Plain End Type with Damper Sleeve

Plain End Type, Crank Arm outside Wall

Suitable for mounting to duct lines, building walls or shafts to manually control air volume of supply, exhaust or fresh air.

Model : VL, Volume Damper, Low Leak

Flange Type

Plain End Type with Damper Sleeve

Plain End Type, Crank Arm outside Wall

Suitable for mounting to duct lines, building walls or shafts to manually control air volume of supply, exhaust or fresh air where low leakage of air flow is strictly required.

Model : MD, Motorized Damper, Ordinary

Flange Type

Plain End Type with Damper Sleeve

Plain End Type, Actuator outside Wall

Suitable for mounting to duct lines, building walls or shafts to automatically control air volume of supply, exhaust, fresh or pressurized air.

Other Dampers

Model : ML, Motorized Damper, Low Leak

Flange Type

Plain End Type with Damper Sleeve

Plain End Type, Actuator outside Wall

Suitable for mounting to duct lines, building walls or shafts to automatically control air volume of supply, exhaust, fresh or pressurized air where low leakage of air flow is strictly required.

Model : RVD, Round Volume Damper, Ordinary

Flange Type

Plain End Type

Suitable for connecting between flexible ducts and diffusers/grilles plenums to manually control air volume of supply, exhaust or fresh air.

Model : RVL, Round Volume Damper, Low Leak

Flange Type

Plain End Type

Suitable for connecting between flexible ducts and diffusers/grilles plenums to automatically control air volume of supply, exhaust or fresh air where low leakage of air flow is strictly required.

Model : RMD, Round Motorized Damper, Ordinary

Flange Type

Plain End Type

Suitable for connecting between flexible ducts and diffusers/grilles plenums to automatically control air volume of supply, exhaust or fresh air.

Model : RML, Round Motorized Damper, Low Leak

Flange Type

Plain End Type

Suitable for connecting between flexible ducts and diffusers/grilles plenums to automatically control air volume of supply, exhaust or fresh air where low leakage of air flow is strictly required.

Model : OVD, Flat Oval Volume Damper, Ordinary

Plain End Type

Suitable for mounting to flat oval duct lines to manually control air volume of supply, exhaust or fresh air.

Model : OVL, Flat Oval Volume Damper, Low Leak

Plain End Type

Suitable for mounting to flat oval duct lines to manually control air volume of supply, exhaust or fresh air where low leakage of air flow is strictly required.

Other Dampers

Model : OMD, Flat Oval Motorized Damper, Ordinary

Plain End Type

Suitable for mounting to flat oval duct lines to automatically control air volume of supply, exhaust or fresh air.

Model : OML, Flat Oval Motorized Damper, Low Leak

Plain End Type

Suitable for mounting to flat oval duct lines to automatically control air volume of supply, exhaust or fresh air where low leakage of air flow is strictly required.

Model : GD, Gravity Damper

Flange Type

Suitable for mounting to duct lines, in front of AHU blowers or ventilating fans to control air flow to only one direction, preventing air flow in reverse direction.

Model : RD, Relief Damper

Flange Type

Suitable for mounting to building sidewalls or shafts to control air pressure to be not exceeded the specified pressure automatically.

How to Order

XXX-XX

Model :-

FDC	=	Fire Damper, 3 Hr Fire Rating, ANSI/UL 555 & CAN ULC-S112	**RMD**	=	Round Motorized Damper, Ordinary
FSD	=	Fire/Smoke Damper	**RML**	=	Round Motorized Damper, Low Leak
VD	=	Volume Damper, Ordinary	**OVD**	=	Flat Oval Volume Damper, Ordinary
VL	=	Volume Damper, Low Leak	**OVL**	=	Flat Oval Volume Damper, Low Leak
MD	=	Motorized Damper, Ordinary	**OMD**	=	Flat Oval Motorized Damper, Ordinary
ML	=	Motorized Damper, Low Leak	**OML**	=	Flat Oval Motorized Damper, Low Leak
RVD	=	Round Volume Damper, Ordinary	**GD**	=	Gravity Damper
RVL	=	Round Volume Damper, Low Leak	**RD**	=	Relief Damper

Size (mm) :-

FigurexFigure or ØFigure = WidthxHeight or Diameter

Example : **FDC-1200x600** = Fire Damper, 3 Hr Fire Rating, ANSI/UL 555 & CAN ULC-S112, Size 1200 mm (Width) x 600 mm (Height)

RML-Ø300 = Round Mutorized Damper, Low Leak, Size 300 mm (Diameter)

We, **PCJ INDUSTRIES CO.,LTD.**, was established in 1998, specialize in production of Fire Steel Doors, Fire Dampers, Other Dampers, Duct Silencers, Acoustic Louvers, and Air Outlets. Most of our products have been certified by several organizations for standardization, i.e.: Underwriters Laboratories, British Standards Institution, Standards Australia, Air Diffusion Council, Thai Industrial Standards Institute. Moreover, our company has been certified by International Organization for Standardization, ISO 9001 : 2008 as well.

CLASSIFIED C UL US R25577 | C UL US LISTED R25758 | CLASSIFIED C UL US R26041 | BSI British Standards BS 476 Part 20 :1987 BS 476 Part 22 :1987 | AS Australian Standards AS 1277 | AS Australian Standards AS 1217.2-1985 | ADC 1062 : GRD-84 | Thai Industrial Standards TIS 1288-2538 TIS 1220-2541 | ANAB BSI ISO 9001:2008 Certified Certificate No. FM 509124

We have our own factory established on our own land, area 40,000 sq.m.(approx.), in Kaengkhoi, Saraburi, Thailand.
Our Policy has always been, and will continue to be, the production and On Time-Every Time Schedule Delivery of Quality, Reliability and Competitively Priced Products. We have invested for instruments, machines and we have experience engineer teams take full time to research and develop our product lines continuously, including new product designs to meet worldwide market demands.

Our products have been distributed to many countries worldwide :-

and will be distributed to a lot more countries in the future.

PCJ INDUSTRIES CO.,LTD.
พีซีเจ อุตสาหกรรม บจก.
199/24-25 Vibhavadeerangsit Road, Samsennai, Payathai, Bangkok 10400, Thailand
Tel : +66 2 2701938, +66 2 2781604, +66 2 2790859, +66 2 2794166, +66 2 6160184, +66 2 6160185
Fax : +66 2 6160071 Email : sales@pcjindustries.co.th Website : www.pcjindustries.co.th

ISO 9001 : 2008 Certified
Certificate No. FM 509124

0 1 0 9 1 6