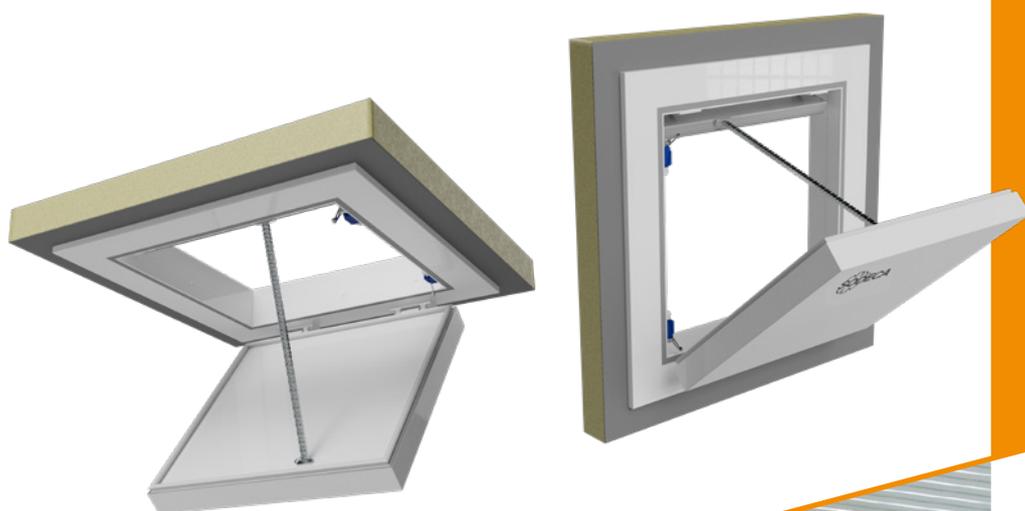


Motorised dampers that are F400 certified for cold rooms



F400 certified in accordance with EN 12101-3

Tested with damper and extract fan for smoke exhaust according to test 21/32306-460

FRIDGE/FLAP

-  High performance in airtightness and insulation
-  Suitable for temperatures down to -28°C
-  Operational reliability in excess of 11,000 cycles



In accordance with standard EN 12101-3

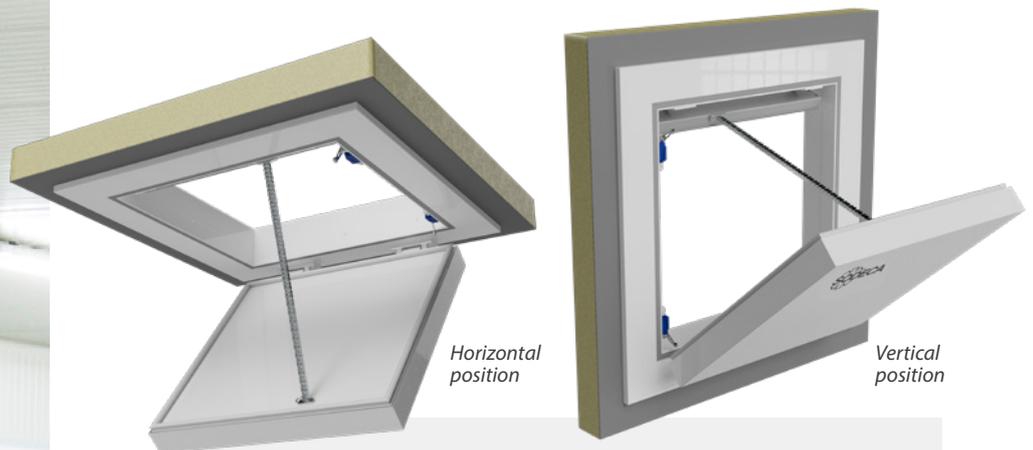


FRIDGE/FLAP

F400-certified motorised dampers for installations with extract fans for smoke exhaust in cold rooms



In accordance with standard EN 12101-3



F400 certified in accordance with EN 12101-3

Tested with damper and extract fan for smoke exhaust according to test 21/32306-460

11,000 cycles

Reliability

Chain actuator with an operational reliability of more than 11,000 cycles and an opening and closing time of 30 seconds.



Opening

Motorised opening, with manual opening system in case of failure (Utility model ES 1 259 375 U).



Signalling

Limit switches with voltage-free contacts for monitoring whether the damper is open or closed.

Insulation

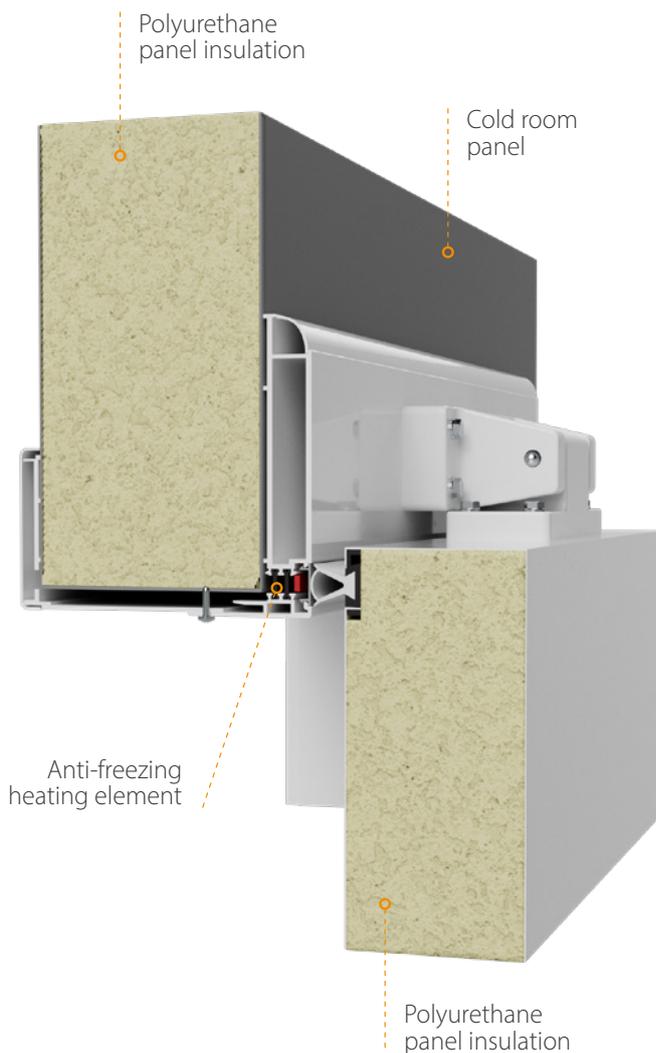
The damper leaf is made of lacquered sheet steel with expanded polyurethane and injected in a class B press according to UNE-EN 13501, with a total insulation thickness of 90 mm.

The perimeter profiles of both the damper leaf and the fixed frame are made of aluminium and incorporate a thermal break. This reduces the thermal transmittance to 0.2 W/m² K.



F400 certified in accordance with EN 12101-3

Tested with damper and extract fan for smoke exhaust according to test 21/32306-460



Airtightness

The double air chamber perimeter seal provides Class D airtightness in accordance with EN 12207.



Anti-freezing protection

To prevent the airtightness seal from freezing and the damper from becoming jammed, the frame is fitted with a 40 W/m heating element around the perimeter to prevent the formation of ice.

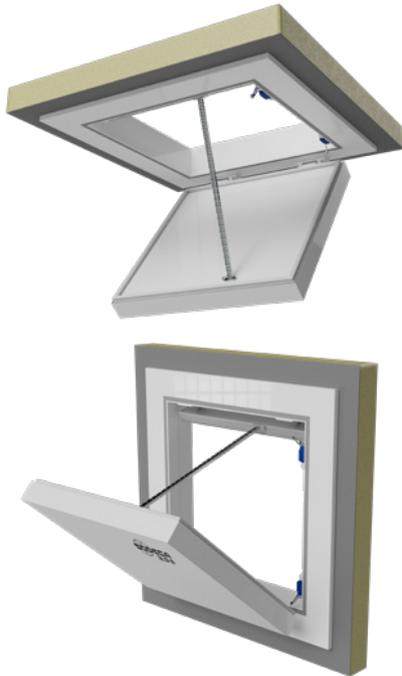


Installation

Suitable for cold rooms (>4°C) and freezers (from 4°C to -28°C).

FRIDGE/FLAP

F400 motorised flaps for smoke evacuation in cold rooms



Motorised flaps for smoke evacuation in case of fire. Specially designed to be installed in cold or even frozen chambers with excellent thermal and sealing performance. Homologation of mechanical smoke extractor accessory according to standard EN 12101-3, with F400 and F300 certification.

Characteristics:

- Flaps approved as a smoke extractor accessory according to EN 12101-3.
- 90 mm class B injected polyurethane insulation according to UNE-EN 13501.
- Thermal resistance of the assembly less than 0.20 W/m²·K.
- Aluminum profile with thermal bridge break.
- Double air chamber perimeter seal.
- 40 W/m heating resistance to prevent the sealing joint from freezing.
- Suitable for cold rooms (>4 °C) and freezing rooms (from 4 °C to -28 °C).
- Limit switches in both positions (open and closed).

- Manual opening system (Utility model ES 1 259 375 U).
- Possibility of horizontal or vertical installation.
- Opening time 30 seconds.

Actuator:

- Reliability greater than 11,000 dual cycles.
- Supply voltage at 230 V AC 50/60 Hz.

Finish:

- Anti-corrosive in extruded aluminum.
- RAL 9016 supplied as standard.
- The product is supplied with trims to finish off the opening in the sandwich panel, adaptable to any panel thickness.

Order code

FRIDGE/FLAP

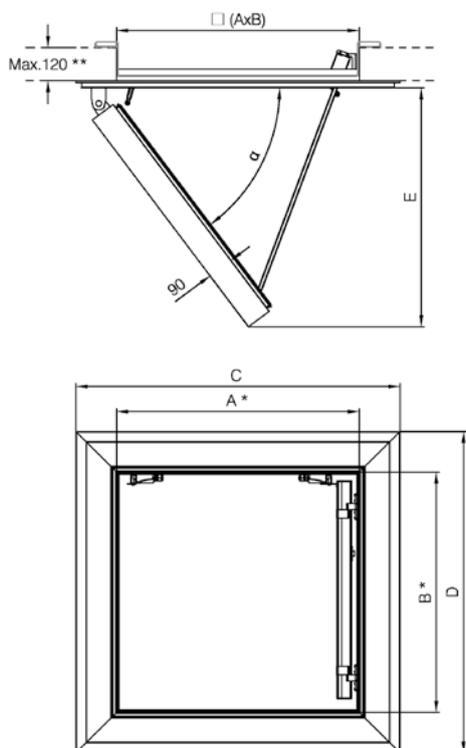
—

100

FRIDGE/FLAP: F400 motorised flaps for smoke evacuation in cold rooms

Flap size

Dimensions mm



	A	B	C	D	E	α (°)	Approx. weight (Kg)
FRIDGE/FLAP-100	850	850	1125	1125	840	55	44
FRIDGE/FLAP-150	1360	1360	1635	1635	890	35	75

*AxB: Nominal panel opening dimension.
**Maximum sandwich panel thickness.

Compatibility

Flap	Smoke extractor						
FRIDGE/FLAP-100	HATCH/HP-63	THT/HATCH-63	HTMF-63	THT/ROOF-63	THT/WALL-63	THT-63	THT/CL-63
			HTMF-71	THT/ROOF-71	THT/WALL-71	THT-71	THT/CL-71
	HATCH/HP-80	THT/HATCH-80	HTMF-80	THT/ROOF-80	THT/WALL-80	THT-80	THT/CL-80
	HATCH/HP-90	THT/HATCH-90	HTMF-90	THT/ROOF-90	THT/WALL-90	THT-90	THT/CL-90
FRIDGE/FLAP-150	HATCH/HP-100	THT/HATCH-100	HTMF-100	THT/ROOF-100	THT/WALL-100	THT-100	THT/CL-100
		THT/HATCH-125	HTMF-125	THT/ROOF-125	THT/WALL-125	THT-125	THT/CL-125

Accessories



MT

External frame for duct connection



BTUB

Coupling flange for axial fans

For installations with duct, the accessory is necessary MT + BTUB

Fan size	Accessories MT	Accessories BTUB
63	MT-63	BTUB-630
71	MT-71	BTUB-710
80	MT-80	BTUB-800
90	MT-90	BTUB-900
100	MT-100	BTUB-1000
125	MT-125	BTUB-1250

EUROPE

FINLAND

Sodeca Finland, Oy
HUITTINEN
Sales and Warehouse
Mr. Kai Yli-Sipilä
Metsälinnankatu 26
FI-32700 Huittinen
Tel. + 358 400 320 125
orders.finland@sodeca.com

FINLAND

Sodeca Finland, Oy
VANTAA
Sales and Warehouse
Ainontie 12
FI-01630 Vantaa

Smoke Extraction
Mr. Antti Kontkanen
Tel. +358 400 237 434
akontkanen@sodeca.com
Mrs. Kaisa Partanen
Tel. +358 451 308 038
kpartanen@sodeca.com

Industrial Applications
Mr. Jarno Pikkumäki
Tel. +358 407 723 472
jpikkumaki@sodeca.com

ITALIA

Sodeca Italia
Viale del Lavoro, 28
37036 San Martino B.A.
(VR), ITALY
Tel. +39 045 87 80 140
vendite@sodeca.com

NORWAY

Sodeca Norge AS
Per Krohgs vei 4C
1065 Oslo
NORWAY
Tel. +47 23 28 80 90
post@sodeca.no

PORTUGAL

Sodeca Portugal, Unip. Lda.
PORTO
Rua Veloso Salgado 1120/1138
4450-801 Leça de Palmeira
Tel. +351 229 991 100
geral@sodeca.pt

LISBOA
Pq. Emp. da Granja Pav. 29
2625-607 Vialonga
Tel. +351 219 748 491
geral@sodeca.pt

ALGARVE

Rua da Alegria, 33
8200-569 Ferreiras
Tel. +351 289 092 586
geral@sodeca.pt

UNITED KINGDOM

Sodeca Fans UK, Ltd.
Mr. Mark Newcombe
Tamworth Enterprise Centre
Philip Dix House, Corporation
Street, Tamworth, B79 7DN
UNITED KINGDOM
Tel. +44 (0) 1827 216 109
sales@sodeca.co.uk

AMERICA

CHILE

Sodeca Ventiladores, SpA.
Sra. Sofia Ormazábal
Santa Bernardita 12.005
(Esquina con Puerta Sur)
Bodegas b24 a b26,
San Bernardo, Santiago, CHILE
Tel. +56 22 840 5582
ventas.chile@sodeca.com

COLOMBIA

Sodeca Latam, S.A.S.
Sra. Luisa Stella Prieto
Calle7 No. 13 A-44
Manzana 4 Lote1, Montana
Mosquera, Cundinamarca
Bogotá, COLOMBIA
Tel. +57 1 756 4213
ventascolombia@sodeca.co

PERU

Sodeca Perú, S.A.C.
Sr. Jose Luis Jiménez
C/ Mariscal Jose Luis de
Orbegoso 331. Urb. El pino.
15022, San Luis. Lima, PERÚ
Tel. +51 1 326 24 24
Cel. +51 994671594
comercial@sodeca.pe

MIDDLE EAST AND AFRICA

UNITED ARAB EMIRATES

Sodeca MEA Trading L.L.C
C-83, Sama Residence
Al Nahda First, Deira, DUBAI
orders.mea@sodeca.com



HEADQUARTER

Sodeca, S.L.U.
Pol. Ind. La Barricona
Carrer del Metall, 2
E-17500 Ripoll
Girona, SPAIN
Tel. +34 93 852 91 11
General sales: comercial@sodeca.com
Export sales: ventilation@sodeca.com

PRODUCTION PLANT

Sodeca, S.L.U.
Ctra. de Berga, km 0,7
E-08580 Sant Quirze de Besora
Barcelona, SPAIN
Tel. +34 93 852 91 11
General sales: comercial@sodeca.com
Export sales: ventilation@sodeca.com



www.sodeca.com