BACKDRAUGHT
DAMPERS

anjos
inspirer le bien-être

CAR

dia. 80 to 400 mm



CAR

- The damper blades are open during ventilation and automatically close when ventilation stops
- Made of shaped galvanised steel (diameters 80 to 200 mm) and welded galvanised steel (diameters 200 to 400 mm)
- Push-fit directly into ducts
- One or two gaskets ensure a seal with ducts

Presentation

These backdraught dampers are designed for use with occasionally operating ventilation systems to prevent air from entering indoor spaces if ventilation stops.



These backdraught dampers have shaped galvanised steel casings (dia. 80 to 200 mm) or welded and crimped steel casings (dia. 200 to 400 mm).

Stamped backdraught dampers dia. 80 to 200 mm

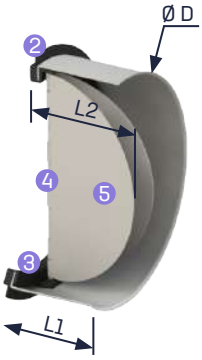


Welded and crimped backdraught dampers dia. 200 to 400 mm



Components

SHAPED CAR BACKDRAUGHT DAMPERS

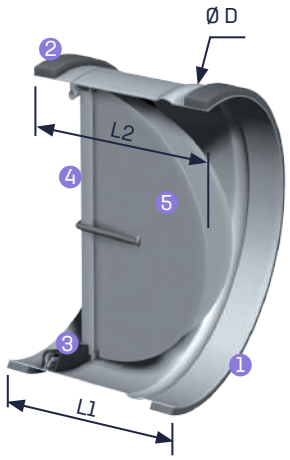


Type	Ø D (mm)	L1 (mm)	L2 (mm)	Weight
CAR 80	76	40	42	60
CAR 100	96	46	51	85
CAR 110	96	46	51	90
CAR 125	121	51	65	130
CAR 150	146	64	77	190
CAR 160	156	68	82	220
CAR 175	170	69	90	280
CAR 200	195	74	95	320

1. Shaped galvanised steel casing
2. Damper-duct sealing gasket
3. Damper-Blades sealing gasket
4. Rod + springs
5. Aluminium blades

Components

WELDED and CRIMPED CAR BACKDRAUGHT DAMPERS



Type	Ø D (mm)	L1 (mm)	L2 (mm)	Weight
CAR 200	197	120	126	640
CAR 250	247	120	145	670
CAR 315	312	160	178	1130
CAR 355	352	160	198	1270
CAR 400	397	160	223	1420

1. Welded and crimped galvanised steel casing
2. Two damper-duct sealing gaskets
3. Damper-blades sealing gasket
4. Two rods + springs
5. Aluminium blades

Installation

These backdraught dampers push-fit directly into ducts. A gasket ensures an airtight seal.

If fitted on vertical ducts, the blades must open upward.

The dampers must be installed in the correct direction, with the blades in the open position during ventilation.



Ventilation on



Ventilation off

Characteristics

Product codes

STAMPED BACKDRAUGHT DAMPERS

Description	Code
CAR backdraught damper - dia. 80 mm	**0924**
CAR backdraught damper - dia. 100 mm	**0925**
CAR backdraught damper - dia. 110 mm	**0923**
CAR backdraught damper - dia. 125 mm	**0926**
CAR backdraught damper - dia. 150 mm	**0927**
CAR backdraught damper - dia. 160 mm	**0928**
CAR backdraught damper - dia. 175 mm	**0920**
CAR backdraught damper - dia. 200 mm	**0922**

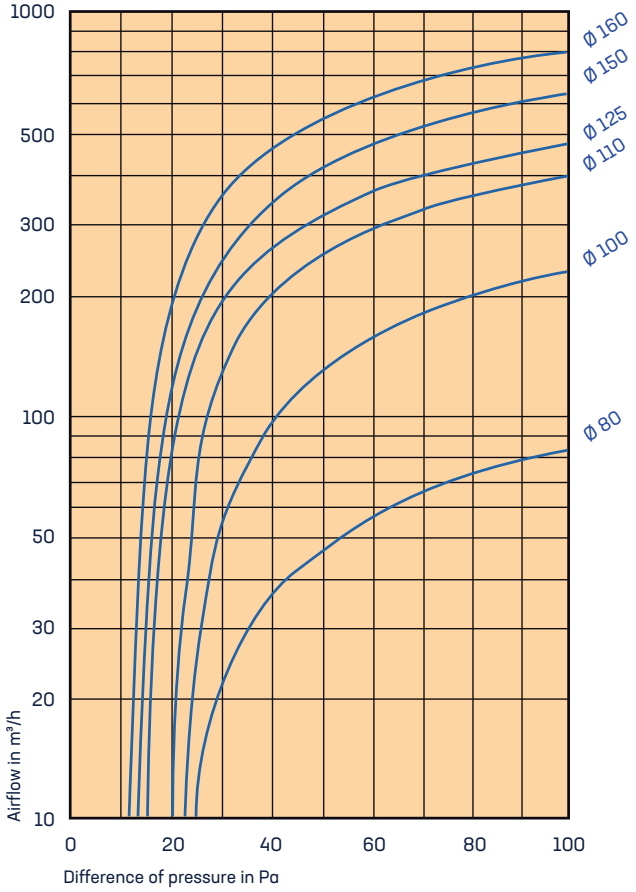
WELDED AND CRIMPED BACKDRAUGHT DAMPERS

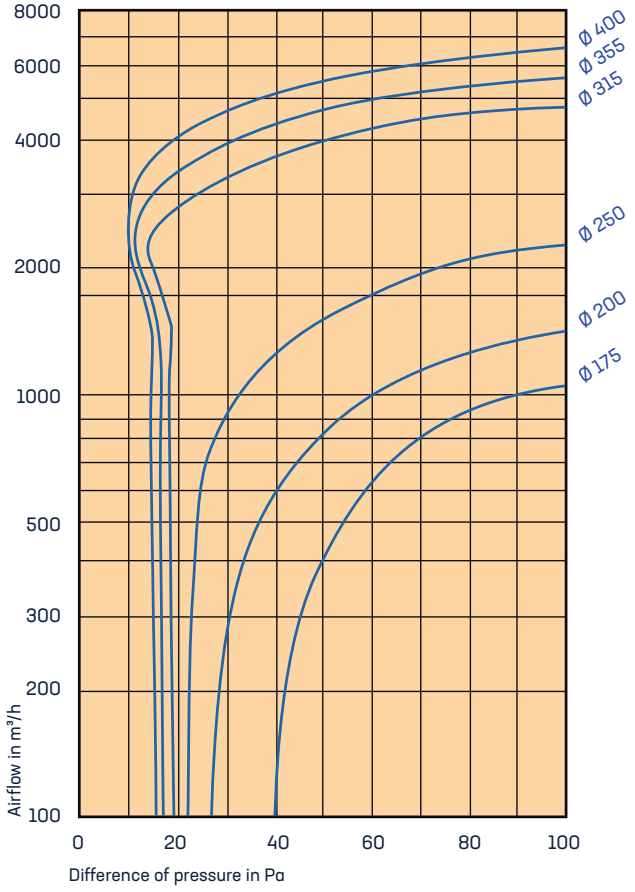
Description	Code
CAR backdraught damper - dia. 200 mm	**0930**
CAR backdraught damper - dia. 250 mm	**0931**
CAR backdraught damper - dia. 315 mm	**0932**
CAR backdraught damper - dia. 355 mm	**0933**
CAR backdraught damper - dia. 400 mm	**0934**

Characteristics

Air flow

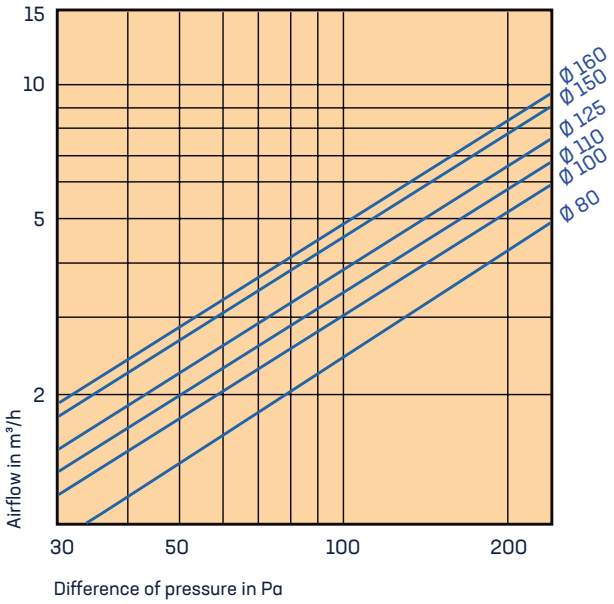
The curves below show changes in the flow rates as a function of the pressure differential, expressed in Pascals.

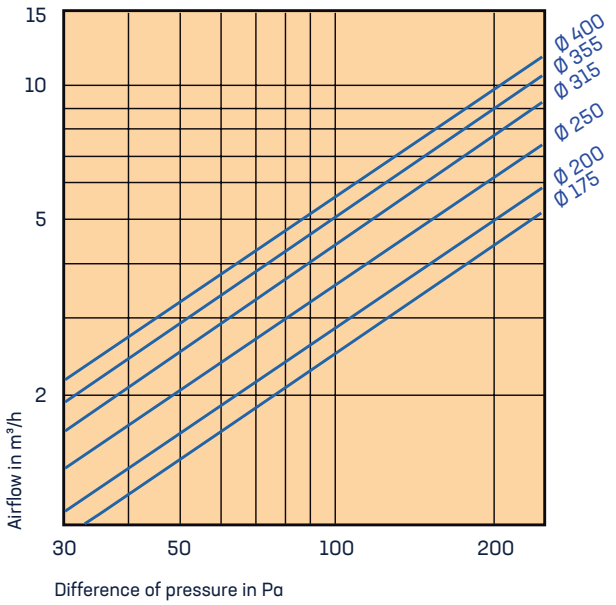




Leakage rates

The curves below show changes in leakage rates of the backdraught dampers as a function of the pressure differential, expressed in Pascals.





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