

General description

The serie **CAR / I-CAR / O-CAR** are back draught shutters designed for circular air duct systems. They prevent air intake into the building when fans stop working. Back draughts shutters open when fans are functioning and close automatically when fans start working again.

CAR / I-CAR : inline back draught shutters

O-CAR : coupling back draught shutter

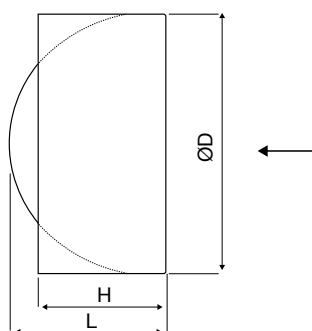


Technical specification

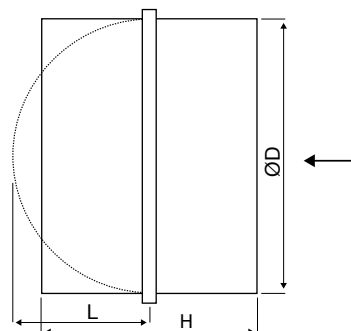
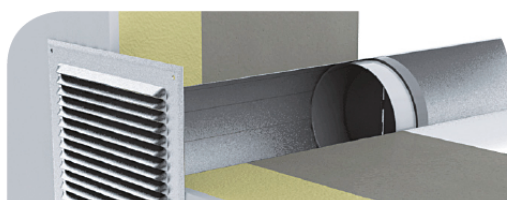
- Temperature usage: up to 50°C
- Body made of galvanized steel and flaps made of aluminium
- Mounted with black sealing gasket
- Shaft and springs made of stainless steel

	ØD (mm)	H (mm)	L (mm)
CAR 80	78	37	39
I-CAR 100	99	49	48
I-CAR 125	124	49	62
I-CAR 150	149	49	73
I-CAR 160	159	49	78
I-CAR 200	199	49	98
CAR 250	247	120	123
CAR 315	312	160	156
CAR 355	352	160	176
CAR 400	397	160	198

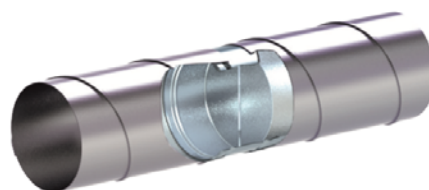
	ØD (mm)	H (mm)	L (mm)
O-CAR 80	-	-	-
O-CAR 100	99	88	48
O-CAR 125	124	88	62
O-CAR 150	149	88	73
O-CAR 160	159	88	78
O-CAR 200	199	88	98
O-CAR 250	249	128	123
O-CAR 315	314	128	156
O-CAR 355	354	198	176
O-CAR 400	399	198	198



CAR and I-CAR must be inserted fully into the duct.



O-CAR must be installed between two ducts.



Application

- **CAR** and **I-CAR** shutters are easy to install within the duct. The air tightness is guaranteed by an external gasket tape.
- **O-CAR** are easy to install between two ducts. The air tightness is guaranteed by an internal gasket.
- Recommended to be installed in horizontal ducting and shaft axis in vertical position.
- Always double-check the flaps' opening direction, so that flaps open when fans are functioning.
- They should be operated at ambient temperature up to 60°C, for transportation of clean air free of dust, grease, chemical vapors and other impurities.

