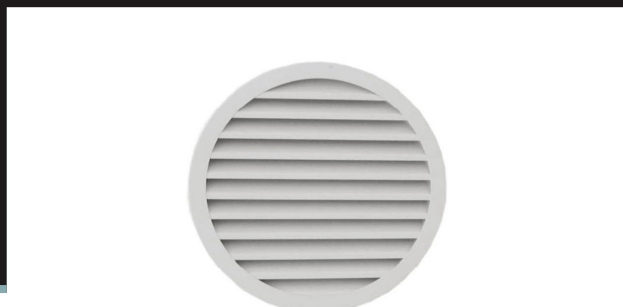
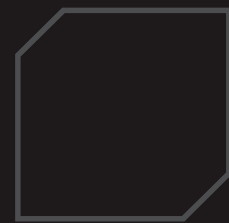


# CSO

## CIRCULAR WALL AIR-INTAKE VENTILATOR WITH FIXED LOUVRES



### Description:

CSO circular wall air-intake ventilator with fixed louvres with a protective net.

### Intended use

CSO air-intake ventilators are designed to protect the circular ends of ventilation systems.

### Design

Fixed CSO louvres are installed at an angle of 45 degrees. A protective 12.5 x 12.5 steel mesh (for intake ventilators up to and including D.200) or 20 x 20 net (for intake ventilators above D.200) is installed on the back of the intake ventilator. The frame and louvres are normally made of galvanised steel. It is possible to have it, upon request, painted in RAL colours as well as other special versions: frame and louvres made of either aluminium or stainless steel.

### Installation

CSO units can be mounted to a partition with screws through the holes in the frame [the holes should be prepared individually at a building site].

### Dimensions

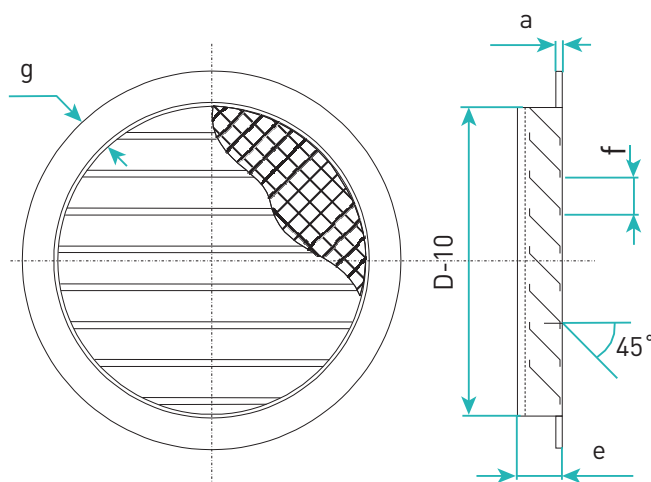


Figure 1. CSO roof air-intake ventilator dimensions.

Table 1. CSO dimensions.

D [mm]	e [mm]	f [mm]	g [mm]	a [mm]	Aeff [m²]
100	40	15	20	5	0.005
125	40	20	25	5	0.008
160	40	25	25	5	0.013
200	40	25	25	5	0.020
250	60	30	30	10	0.032
315	60	30	30	10	0.048
355	60	30	30	10	0.055
400	60	60	30	10	0.063
500	60	60	30	10	0.104
630	60	60	30	10	0.169
710	60	60	40	10	0.217
800	60	60	40	10	0.274
1000	60	60	40	10	0.442



# CSO – Circular wall air-intake ventilator with fixed louvres

When ordering, please provide information according to the following pattern:

CSO - <D> - <P> <RAL>

Where:

D	Nominal diameter in mm
P	Finish*
	<b>SO</b> – Galvanised steel frame and louvres
	SL – Painted steel frame and louvres
	AL – Painted aluminium frame and louvres
	A – Frame and louvres made of aluminium 5754 (acc. to EN 573)
	SN – Frame and louvres made of stainless steel 1.4301 (acc. to EN 10088)
RAL	Colour as per RAL (for SL, AL finish)

\*Optional values – if blank, default values will be used

Example product marking: **CSO – 125 – SL9010**