



DESCRIPTION:

External weather louvers are externally mounted air transfer devices for the fresh air and exhaust air of air conditioning systems. They are installed in external walls and façades. Their narrowly arranged blades give good protection against the direct ingress of rain as well as against leaves and birds.

Under certain unfavourable conditions, such as heavy rain, and depending on the airflow velocity it might happen that slight quantities of water enter together with the air. This is why the airflow velocity in fresh air openings should not exceed 2,5 – 3 m/s..

CONSTRUCTION:

Standard Material Aluminum Optional: .304-316 Stainless Steel, Galvanized Sheet Steel.

APPLICATION:

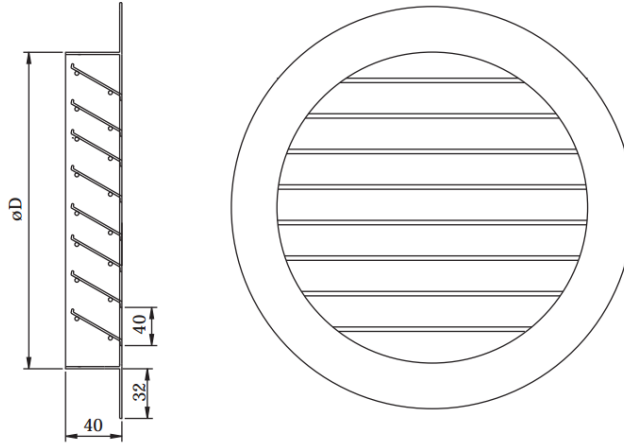
- Maximum diameter 1250 mm
- Low differential pressure due to aerofoil blades
- Low air-regenerated noise
- Available in standard sizes and many intermediate sizes

ACCESSORIES:

- Bird and insect screens
- Filters
- Dampers



STANDARD DIMENSIONS (mm):



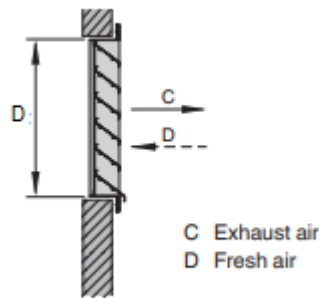
AVAILABLE SIZES (mm)															
NECK DIAMETER															
150	200	250	300	350	400	450	500	550	600	700	800	900	1000	1100	1250
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



PERFORMANCE DATA

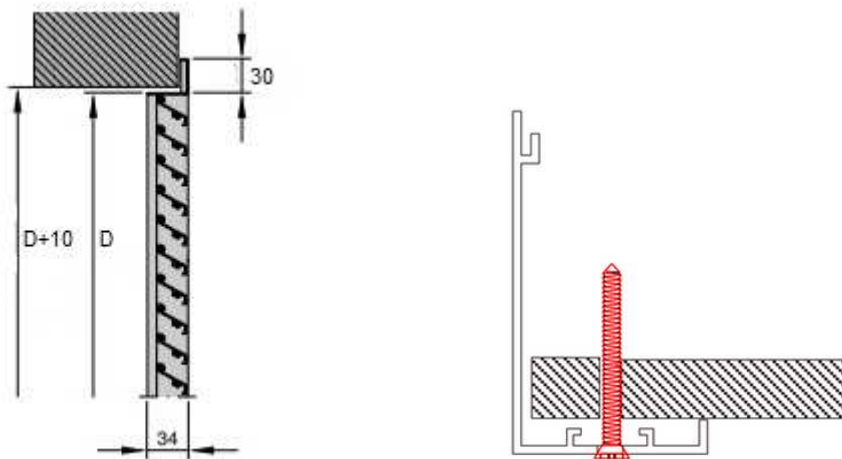
øD mm	Efective area m ²	Pressure Pa	Air volume m ³ /h
300	0,037	31	400
400	0,061	31	650
450	0,079	31	850
500	0,099	31	1150
600	0,142	31	1600
700	0,201	31	2400
800	0,27	11	3000
1000	0,433	11	4800
1250	0,7	11	7800

*Air volume for 3m/s air velocity.



INSTALLATION DETAILS

Screw Mounting





ORDER CODE

EXL-461	F22	00	RAL9010	SM	D Ø400
EXL-461: Z-Bladed				D: Neck Size F : Frame Size	
F22: Frame=22 mm F32: Frame=32,5 mm				00: No Mounting SM: Screw Mounting	
00: No Wire Screen 01: Wire Screen Added				00: No coating EX: Eloxal Paint Coating RAL----: Oven Drying Paint Coating	