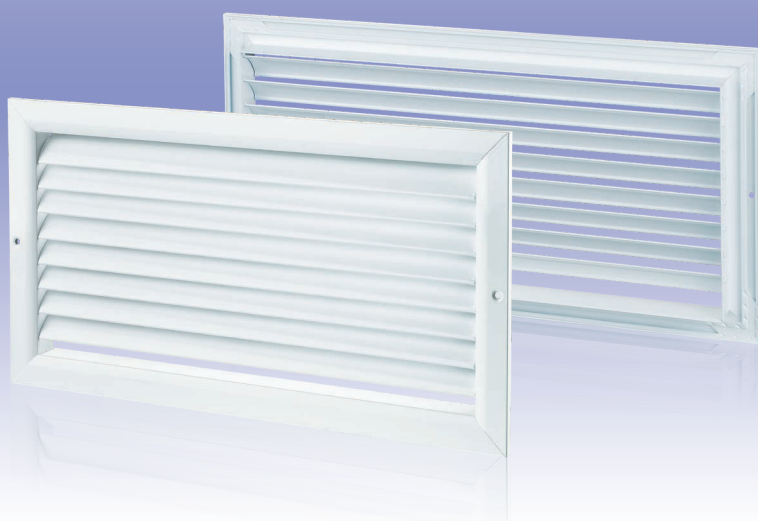


## Series ONF/ONFS



Single-row horizontal ventilation grille with fixed vanes

### Application

- Supply and exhaust ventilation, heating and air conditioning networks in industrial, commercial and domestic premises.

### Design

- Made of high-quality extruded aluminium.
- Polymer or anodized grille coating ensures weather-resistant properties.
- Non-standard sizes may be ordered.
- Grilles above 450 mm are equipped with a partition for extra rigidity (ONFS series).

### Modifications

- Available modifications with an adapter (A) for connection to air ducts.
- Available modifications with special springs (p) for fast mounting.

## Air flow distribution

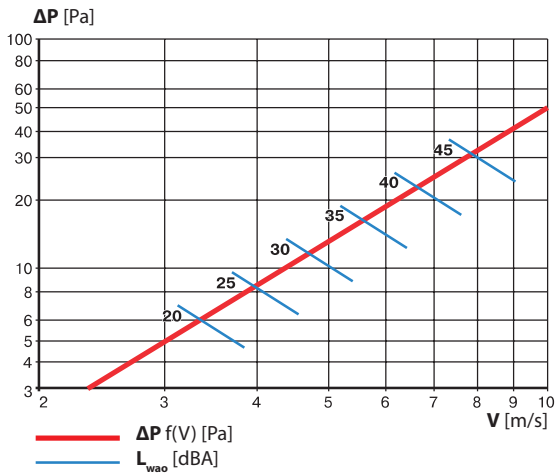


vane deflection angle – 45°

## Standard size [mm] and air pass [m<sup>2</sup>]

Height H [mm]	Length L [mm]													
	100	150	200	250	300	350	400	450	500	600	700	800	900	1000
100	0.004	0.007	0.010	0.012	0.015	0.018	0.021	0.024	0.027	0.033	0.039	0.045	0.051	0.057
150	0.007	0.010	0.015	0.018	0.023	0.027	0.031	0.035	0.039	0.047	0.055	0.064	0.072	0.080
200	0.010	0.015	0.021	0.026	0.033	0.038	0.045	0.051	0.058	0.070	0.081	0.093	0.105	0.115
250	0.012	0.018	0.026	0.032	0.041	0.047	0.055	0.062	0.070	0.084	0.098	0.106	0.113	0.128
300	0.015	0.023	0.033	0.041	0.051	0.059	0.069	0.077	0.086	0.096	0.115	0.132	0.149	0.168
350	0.017	0.026	0.038	0.047	0.059	0.068	0.080	0.090	0.099	0.111	0.132	0.151	0.170	0.193
400	0.020	0.030	0.044	0.054	0.069	0.079	0.093	0.103	0.117	0.142	0.166	0.189	0.212	0.237
450	0.023	0.035	0.051	0.062	0.080	0.090	0.107	0.117	0.131	0.160	0.186	0.214	0.239	0.265
500	0.026	0.039	0.056	0.070	0.089	0.100	0.119	0.130	0.145	0.178	0.206	0.238	0.265	0.293
600	0.031	0.047	0.067	0.084	0.105	0.121	0.142	0.158	0.173	0.214	0.246	0.287	0.318	0.349
700	0.036	0.055	0.078	0.094	0.124	0.145	0.170	0.184	0.203	0.251	0.288	0.336	0.372	0.408
800	0.042	0.063	0.090	0.112	0.141	0.163	0.190	0.211	0.232	0.288	0.330	0.385	0.426	0.467
900	0.048	0.072	0.103	0.129	0.160	0.185	0.228	0.238	0.262	0.325	0.372	0.435	0.481	0.527
1000	0.053	0.079	0.113	0.141	0.177	0.204	0.239	0.266	0.292	0.361	0.414	0.484	0.536	0.587

## Pressure loss and sound power level



Calculation formula
$L_{WA} = L_{WAO} \times K$

	Correction factor K						
$S_{ap}$ [m <sup>2</sup> ]	0.005	0.01	0.02	0.03	0.05	0.07	1
K [dBA]	-13	-9	-6	-4.5	-3	-1.5	0

### Designation:

- $\Delta P$  – pressure loss [Pa]
- $L_{WA}$  – sound power level [dBA]
- $L_{WAO}$  – sound power level for air pass 0.1 m<sup>2</sup> [dBA]
- $K$  – correction factor for sound power level calculation depending on air pass [dBA]
- $S_{ap}$  – air pass [m<sup>2</sup>]
- $V$  – rated speed [m/s]

## Order code



**Grille type:** \_\_\_\_\_  
 ONF / ONFS – single-row unregulated grille with horizontal (vertical) vanes fixed at 45°

**Grille size:** \_\_\_\_\_  
 L – length [mm]  
 H – height [mm]

**Grille coating:**  
 "\_\_\_" – colour\* (white by default)  
 "Anodized"

**Accessories:**  
 \_\_\_ – no  
 A – adapter

**Grille fixation:**  
 p – spring

\* Standard polymer coating colours:



## Overall and mounting dimensions

