

# DME – door grilles



## Technical parameters

### Version

The pitch of the slats is 20mm.

### Construction

Rectangular grids (including sheets) are made of aluminum profile with transparent anodization. Firing paint in basic RAL shades for an additional fee, other color variants on request.

### Mounting

using screws in the pre-drilled holes on the front of the grille.

### Accessories

Door frame.

### Type key for ordering:

DME - C 800 x 200 RAL 9010  
 1            2            3

1 – execution

**not listed** – grille without opposite door frame

**C** – grille with door frame

**DR** – separate door frame

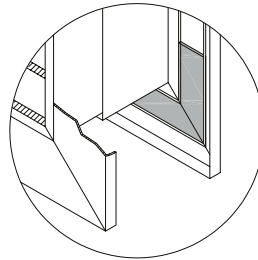
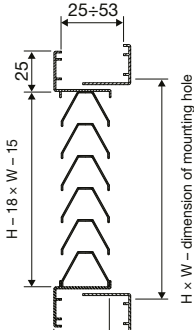
2 – dimensions (mm)

3 – color

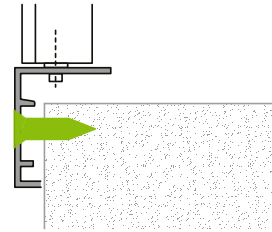
without indication – transparent anodized,  
 RAL 9010, 9016 or 7035,  
 others upon request

W × H [mm]	DME	DME-C	DME-DR
200×100	•	•	•
300×100	•	•	•
400×100	•	•	•
500×100	•	•	•
600×100	•	•	•
700×100	•	•	•
800×100	•	•	•
900×100	•	•	•
1000×100	•	•	•
300×160	•	•	•
400×160	•	•	•
500×160	•	•	•
600×160	•	•	•
700×160	•	•	•
800×160	•	•	•
900×160	•	•	•
1000×160	•	•	•
200×200	•	•	•
300×200	•	•	•
400×200	•	•	•
500×200	•	•	•
600×200	•	•	•
700×200	•	•	•
800×200	•	•	•
900×200	•	•	•
1000×200	•	•	•
300×300	•	•	•
400×300	•	•	•
500×300	•	•	•
600×300	•	•	•
400×400	•	•	•
500×400	•	•	•
600×400	•	•	•
700×400	•	•	•
800×400	•	•	•
900×400	•	•	•
1000×400	•	•	•

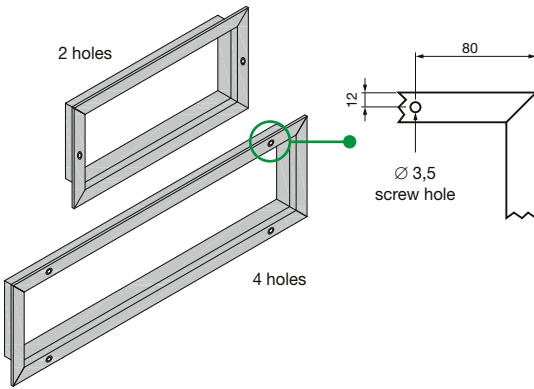
Additional illustration



sliding the grille into the door frame



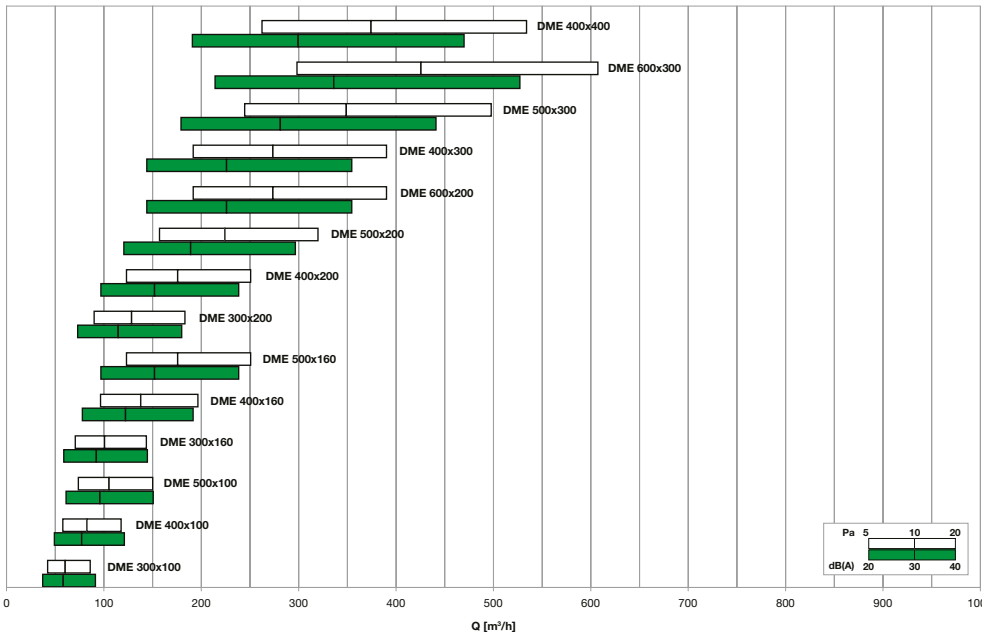
fastening with screws



Number of holes for mounting screws

H – shorter side [mm]	W – longer side [mm]				
	200	250	300	350	≥ 400
100	2	2	2	4	4
150	2	2	2	4	4
200	2	2	2	4	4
≥ 250	2	2	2	4	4

Quick Design Table



# DME – door grilles

Type	A <sub>k</sub> [m <sup>2</sup> ]	Q [m <sup>3</sup> /h]		L <sub>wa</sub> [dB(A)]		Δp <sub>t</sub> [Pa]	
		min	max	min	max	min	max
DME 200×100	0.0140	30	60	24	39	5	20
DME 300×100	0.0209	40	90	22	40	5	20
DME 400×100	0.0276	60	120	24	40	5	20
DME 500×100	0.0344	70	150	23	40	5	20
DME 600×100	0.0411	90	180	25	40	5	20
DME 700×100	0.0478	110	220	26	41	5	20
DME 800×100	0.0545	120	250	25	41	5	20
DME 900×100	0.0611	140	290	26	42	5	20
DME 1000×100	0.0678	160	320	26	42	5	20
DME 300×160	0.0330	70	140	24	39	5	20
DME 400×160	0.0438	100	200	26	41	5	20
DME 500×160	0.0545	120	250	25	41	5	20
DME 600×160	0.0651	150	310	26	42	5	20
DME 700×160	0.0757	180	360	26	42	5	20
DME 800×160	0.0863	210	420	27	42	5	20
DME 900×160	0.0968	230	480	26	43	5	20
DME 1000×160	0.1073	260	530	27	43	5	20
DME 200×200	0.0276	60	120	24	40	5	20
DME 300×200	0.0411	90	180	25	40	5	20
DME 400×200	0.0545	120	250	25	41	5	20
DME 500×200	0.0678	160	320	26	42	5	20
DME 600×200	0.0810	190	390	26	42	5	20
DME 700×200	0.0942	230	460	27	42	5	20
DME 800×200	0.1073	260	530	27	43	5	20
DME 900×200	0.1204	300	610	27	43	5	20
DME 1000×200	0.1335	330	680	27	43	5	20
DME 300×300	0.0611	140	290	26	42	5	20
DME 400×300	0.0810	190	390	26	42	5	20
DME 500×300	0.1007	240	500	26	43	5	20
DME 600×300	0.1204	300	610	27	43	5	20
DME 400×400	0.1073	260	530	27	43	5	20
DME 500×400	0.1335	330	680	27	43	5	20
DME 600×400	0.1595	410	830	28	44	5	20
DME 700×400	0.1855	480	980	28	44	5	20
DME 800×400	0.2114	560	1140	29	45	5	20
DME 900×400	0.2372	640	1290	29	45	5	20
DME 1000×400	0.2629	710	1450	29	45	5	20

72

### Explanatory notes:

Q [m <sup>3</sup> /h]	air flow
A <sub>k</sub> [m <sup>2</sup> ]	free discharge area
Δp <sub>t</sub> [Pa]	total pressure drop
L <sub>wa</sub> [dB(A)]	free discharge area