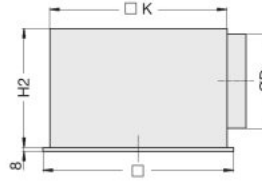
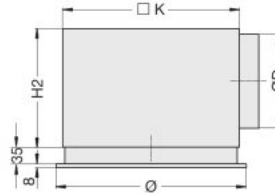




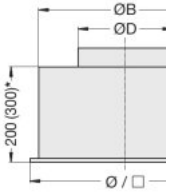
VDW-Q



VDW-Q-...-H



VDW-R-...-H



* Size: 600 x 48 / 625 x

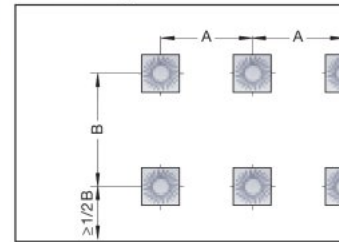
Flow rate (m³/h) – Arrangement single-row							
Size	A (m)						
	0	1.2	1.8	2.4	3.0	3.6	4.2
300 x 8	250	210	190	200	210	250	250
400 x 16	390	280	280	300	310	390	390
500 x 24	460	350	330	340	340	430	460
600 x 24	660	400	400	430	460	570	660
600 x 48	820	500	450	500	500	650	760
625 x 24	660	400	400	430	460	570	660
625 x 54	830	530	500	540	560	710	840

Dimensions (mm)					
Size	□	Ø	ØB	ØD	H ₂
300 x 8	298	300	280	158	250
400 x 16	398	400	364	198	295
500 x 24	498	500	462	198	295
600 x 24	598	600	559	248	345
600 x 48	598	600	580	248	345
625 x 54	623	–	605	248	345

Flow rate (m³/h) – Arrangement square/rectangular							
Size	B (m)	A (m)					
		1.2	1.8	2.4	3.0	3.6	4.2
300 x 8	3.0	155	140	150	160	190	210
400 x 16		200	200	210	230	290	330
500 x 24		240	220	230	300	300	330
600 x 24		290	290	310	350	420	490
600 x 48		360	360	360	360	450	530
625 x 24		290	290	310	350	420	490
625 x 54						510	590
300 x 8	3.6	180	170	180	190	230	250
400 x 16		240	240	250	290	320	390
500 x 24		290	270	290	290	420	450
600 x 24		340	340	380	420	500	580
600 x 48		420	390	420	450	500	650
625 x 24		340	340	380	420	500	580
625 x 54				460	500	560	710
300 x 8	4.2	210	190	200	210	250	250
400 x 16		280	270	300	320	390	390
500 x 24		350	330	340	340	450	460
600 x 24		400	400	430	480	570	660
600 x 48		500	470	500	530	670	780
625 x 24		400	400	430	480	570	660
625 x 54		540	500	540	590	710	820

Minimum flow rate	
Size	\dot{V}_{min}
300 x 8	54
400 x 16	108
500 x 24	144
600 x 24	216
600 x 48	360
625 x 54	432

Diffuser layout



Nomenclature

 \dot{V} in m³/h = Flow rate

 \dot{V}_{min} in m³/h = Minimum flow rate

A, B in m = Distance between two diffusers

Note

In all cases, the sound power level is $L_{WA} \leq 40$ dB(A) per diffuser and the pressure drop $\Delta p_t \leq 40$ Pa.

Selection valid for ceiling height = 2.7...3 m.

These codes need not be completed for standard products

Order Code

Order Code		VDW - R - Z - V - M - L		/ 600 x 24		/ Q21		/ P1		/ RAL 9016	
Type					Size x No. of control blades					Specify RAL colour	
Square	Q	}								0	Standard finish powder coated to RAL 9010 (GE 50 %) ¹⁾
Circular	R										
Supply air	Z	}								P1	Powder coating to RAL 9006 (GE 30 %) ¹⁾ Other colours to RAL... (GE 70 %) ¹⁾
Extract air	A										
Top entry spigot	V	}									
Side entry spigot	H										
Adjustable flow rate control with single blade	M										
Spigot with lip seal	L										