



WDZD

Wall/door diffuser
Transfer
Sightproof

Available types

W D Z D O O

- W** wall/door diffuser
- D** transfer
- Z** sightproof
- D** fixed frame, with loose counter frame
- O** not applicable
- O** not applicable

SA-Select

Check SA-Select to create extended order codes and selection details online. **NB!** At this moment, SA-Select is only available in Dutch. But it is possible to create extended order codes and selection details online.

Use

The WDZD wall/door diffuser is suitable for transferring air from one room to another. The diffuser can be fitted in a wall or a door. The horizontal V-shaped vanes are not adjustable.

Characteristics

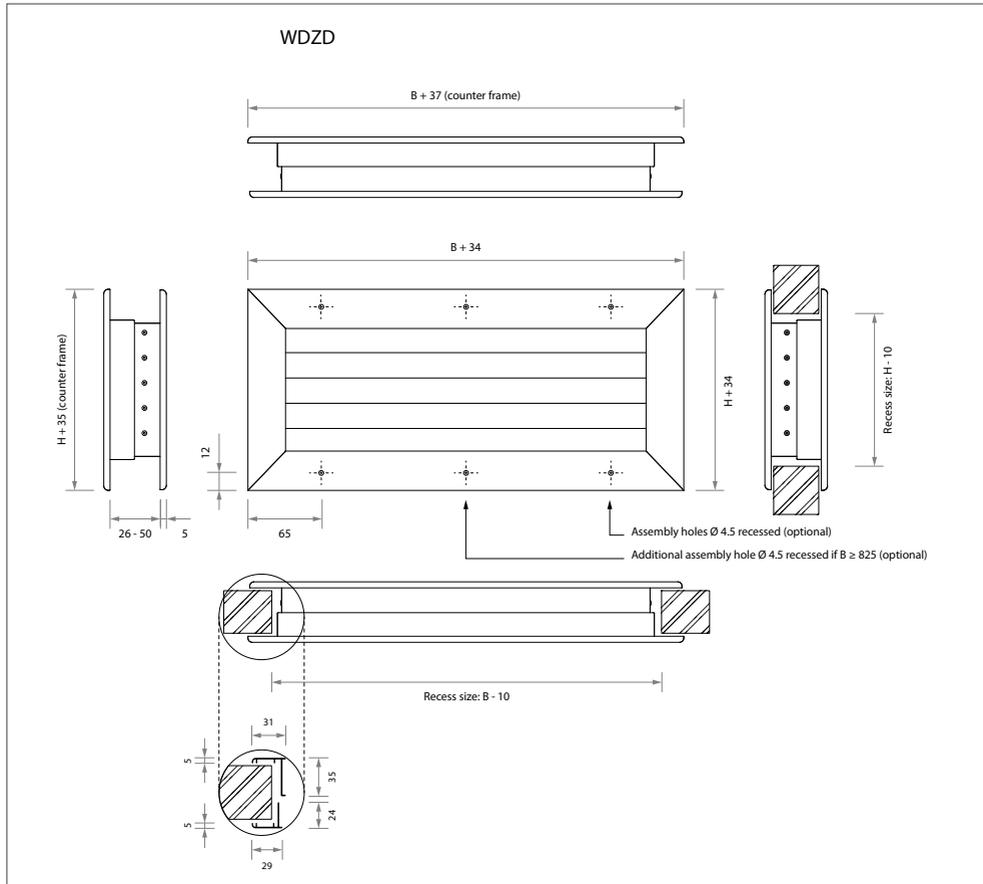
Free flow: 65 %

Version

Wall diffuser

Frame:	anodised aluminium
Counter flange and vanes:	anodised aluminium
Post-treatment:	epoxy
Colour:	white RAL 9010, optional RAL colour of your choice

Dimensions



Standard dimensions

H	B							
	225	325	425	525	625	825	1025	1225
85	■	■	■	■	■	■	■	■
125	■	■	■	■	■	■	■	■
225	■	■	■	■	■	■	■	■
325	■	■	■	■	■	■	■	■
425	■	■	■	■	■	■	■	■
525	■	■	■	■	■	■	■	■
625	■	■	■	■	■	■	■	■

Available dimensions

- Width min. 200, max. 1225.
- Height min. 65, max. 625.
- Interim widths available in increments of 5 mm.
- Interim heights available in increments of 20 mm.

Note

- The listed dimensions are in mm.
- Recess size: $B - 10 \times H - 10$.

Selection details

WDZD

air volume		H	B															
			225		325		425		525		625		825		1025		1225	
			Δp_s Pa	L_{pA} dB(A)														
m ³ /s	m ³ /h																	
0.010	36	85	22	21	10	15	6	11	4	-								
		85	50	29	23	23	13	19	9	15	6	13	3	-				
0.015	54	125	10	16	5	11	3	-										
		85	89	34	41	28	23	24	15	21	11	18	6	14	4	11	3	-
0.020	72	125	18	22	8	16	5	12	3	-								
		85			64	33	37	29	24	25	17	23	9	18	6	15	4	12
0.025	90	125	28	26	13	21	7	16	5	13	3	10						
		85						53	32	34	29	24	26	14	22	9	18	6
0.030	108	125	40	30	18	24	10	20	7	17	5	14	3	-				
		85			32	30	19	25	12	22	8	19	5	15	3	12	2	-
0.040	144	125	16	24	7	18	4	14	3	11	2	-						
		85			51	34	29	30	19	26	13	24	7	19	5	16	3	13
0.050	180	125	25	29	11	23	7	18	4	15	3	12	2	-				
		85						42	33	27	30	19	27	11	23	7	20	5
0.060	216	125	36	32	16	26	9	22	6	19	4	16	2	12	2	-		
		85	49	35	22	29	13	25	8	22	6	19	3	15	2	11		
0.070	252	125	21	29	10	23	5	19	4	15	2	13						
		85	63	38	29	32	17	28	11	24	8	22	4	17	3	14	2	11
0.080	288	125	27	31	12	25	7	21	5	18	3	15	2	11				
		85	15	27	7	21	4	17	3	13	2	11						
0.100	360	125			45	36	26	32	17	29	12	26	7	22	4	18	3	16
		85	43	36	20	30	11	26	7	22	5	20	3	15	2	12		
0.125	450	125	24	31	11	25	6	21	4	18	3	15	2	11				
		85	15	28	7	22	4	18	3	14	2	12						
0.150	540	125				41	36	26	33	18	30	10	26	7	23	5	20	
		85	66	40	31	34	17	30	11	27	8	24	4	20	3	16	2	13
0.200	720	125	37	36	17	30	10	25	6	22	4	19	2	15	2	12		
		85	23	32	11	26	6	22	4	19	3	16	2	12				
0.300	1080	125					59	40	38	37	26	34	15	30	10	26	7	23
		85			44	38	25	33	16	30	11	27	6	23	4	20	3	17
0.400	1440	125	53	39	24	33	14	29	9	26	6	23	4	19	2	15	2	13
		85	34	36	15	30	9	26	6	22	4	19	2	15	1	12		
0.500	1800	125							67	42	47	40	27	35	17	32	12	29
		85					45	39	29	36	20	33	11	29	7	25	5	23
0.020	720	125			43	39	25	35	16	31	11	29	6	24	4	21	3	18
		85	60	41	27	35	16	31	10	28	7	25	4	21	3	17	2	15
0.300	1080	125	41	38	19	33	11	28	7	25	5	22	3	18	2	15	1	12
		85							65	44	45	41	26	37	17	33	12	31
0.400	1440	125																
		85				56	43	36	39	25	37	14	32	9	29	6	26	
0.500	1800	125			62	43	35	39	23	36	16	33	9	29	6	25	4	23
		85			42	40	24	36	16	33	11	30	6	26	4	23	3	20
0.020	720	125											46	42	29	39	21	36
		85						64	45	45	42	25	38	16	34	11	32	
0.300	1080	125																
		85				63	45	40	41	28	39	16	34	10	31	7	28	
0.400	1440	125																
		85				43	42	28	39	19	36	11	32	7	28	5	25	
0.500	1800	125											40	42	25	39	18	36
		85									44	43	25	39	16	35	11	33
0.600	2160	125																
		85							44	43	30	40	17	36	11	33	8	30

General

- The assumed room attenuation is 10 dB.
- It is permitted to interpolate the interim values.