



# WDZD

- ▶ Wall/door diffuser
- ▶ Transfer
- ▶ Non-vision

## Design:

**Wall diffuser**  
 frame and matching flange  
 and vanes: extruded aluminium  
 finish: anodised  
 colour: clear

## Available types:

**W D Z D O O**

- W** wall diffuser
- D** transfer
- Z** non-vision
- D** fixed frame with separate matching
- O** not applicable
- O** not applicable

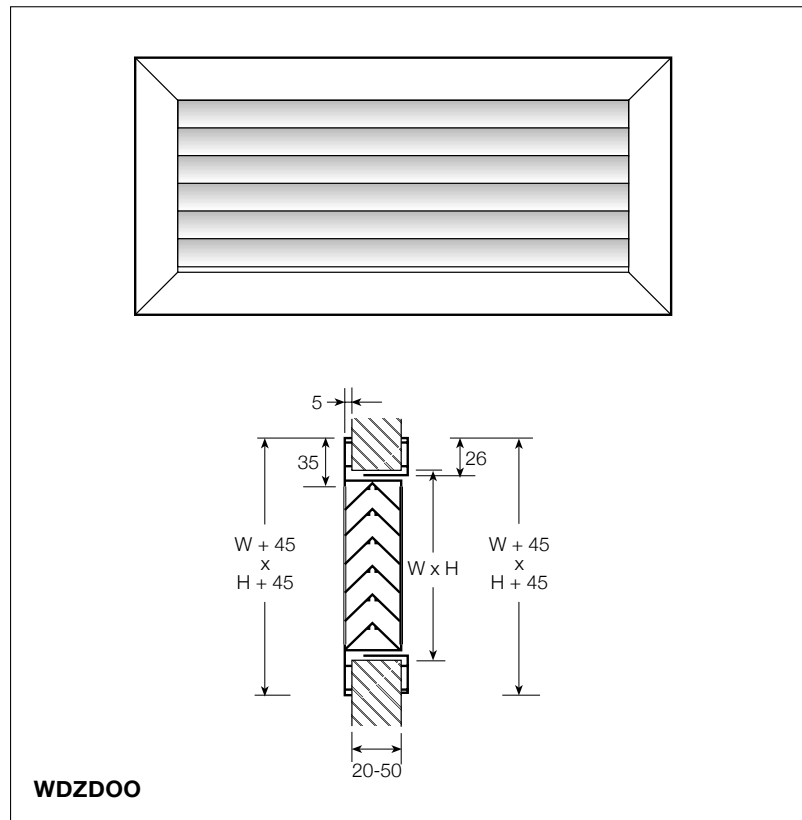
## Application:

The door/wall diffuser WDZD is suitable for transfer of air from one room into the other. The diffuser can be either mounted to the wall or the door. The horizontal V shape vanes are not adjustable.

## Features:

Free area: 60 %

## Dimensions:



## Remarks:

The stated dimensions  $W \times H$  are nominal sizes in mm (hole or duct size).

The actual width is  $W - 5$  mm.

The actual height is  $H - 5$  mm.

For the preferable dimensions see the performance data. Alternative sizes are available upon request.

## Performance data WDZD:

Air volume		H	W=225	325	425	525	625	825	1025	1225
m <sup>3</sup> /s	m <sup>3</sup> /h		Ps Lp	Ps Lp	Ps Lp	Ps Lp	Ps Lp	Ps Lp	Ps Lp	Ps Lp
0,010	36	75	22 21	10 15	6 11	4 -				
0,015	54	75	50 29	23 23	13 19	9 15	6 13	3 -		
		125	10 16	5 11	3 -					
0,020	72	75	89 34	41 28	23 24	15 21	11 18	6 14	4 11	3 -
		125	18 22	8 16	5 12	3 -				
0,025	90	75		64 33	37 29	24 25	17 23	9 18	6 15	4 12-
		125	28 26	13 21	7 16	5 13	3 10			
0,030	108	75			53 32	34 29	24 26	14 22	9 18	6 16
		125	40 30	18 24	10 20	7 17	5 14	3 -		
0,040	144	125		32 30	19 25	12 22	8 19	5 15	3 12	2 -
		225	16 24	7 18	4 14	3 11	2 -			
0,050	180	125		51 34	29 30	19 26	13 24	7 19	5 16	3 13
		225	25 29	11 23	7 18	4 15	3 12	2 -		
0,060	216	125			42 33	27 30	19 27	11 23	7 20	5 17
		225	36 32	16 26	9 22	6 19	4 16	2 12	2 -	
0,070	252	225	49 35	22 29	13 25	8 22	6 19	3 15	2 11	
		325	21 29	10 23	5 19	4 15	2 13			
0,080	288	225	63 38	29 32	17 28	11 24	8 22	4 17	3 14	2 11
		325	27 31	12 25	7 21	5 18	3 15	2 11		
		425	15 27	7 21	4 17	3 13	2 11			
0,100	360	225		45 36	26 32	17 29	12 26	7 22	4 18	3 16
		325	43 36	20 30	11 26	7 22	5 20	3 15	2 12	
		425	24 31	11 25	6 21	4 18	3 15	2 11		
		525	15 28	7 22	4 18	3 14	2 12			
0,125	450	225			41 36	26 33	18 30	10 26	7 23	5 20
		325	66 40	31 34	17 30	11 27	8 24	4 20	3 16	2 13
		425	37 36	17 30	10 25	6 22	4 19	2 15	2 12	
		525	23 32	11 26	6 22	4 19	3 16	2 12		
0,150	540	225			59 40	38 37	26 34	15 30	10 26	7 23
		325		44 38	25 33	16 30	11 27	6 23	4 20	3 17
		425	53 39	24 33	14 29	9 26	6 23	4 19	2 15	2 13
		525	34 36	15 30	9 26	6 22	4 19	2 15	1 12	
0,200	720	225				67 42	47 40	27 35	17 32	12 29
		325			45 39	29 36	20 33	11 29	7 25	5 23
		425		43 39	25 35	16 31	11 29	6 24	4 21	3 18
		525	60 41	27 35	16 31	10 28	7 25	4 21	3 17	2 15
		625	41 38	19 33	11 28	7 25	5 22	3 18	2 15	1 12
0,300	1080	325				65 44	45 41	26 37	17 33	12 31
		425			56 43	36 39	25 37	14 32	9 29	6 26
		525		62 43	35 39	23 36	16 33	9 29	6 25	4 23
		625		42 40	24 36	16 33	11 30	6 26	4 23	3 20
0,400	1440	325						46 42	29 39	21 36
		425				64 45	45 42	25 38	16 34	11 32
		525			63 45	40 41	28 39	16 34	10 31	7 28
		625			43 42	28 39	19 36	11 32	7 28	5 25
0,500	1800	425						40 42	25 39	18 36
		525					44 43	25 39	16 35	11 33
		625				44 43	30 40	17 36	11 33	8 30
m <sup>3</sup> /s	m <sup>3</sup> /h	H	Ps Lp	Ps Lp	Ps Lp	Ps Lp	Ps Lp	Ps Lp	Ps Lp	Ps Lp

## General:

- static pressure drop Ps in Pa.  
The adopted room absorption is 10 dB.
- sound pressure level Lp in dB(A).

Interpolation of intermediate values is acceptable.