

WUAA/WUBA

Wall/duct diffuser Return Adjustable vane

Available types

W U - A - O

- W** wall/duct diffuser
- U** universal application
- **Vanes**
 - A** vertical vanes
 - B** horizontal vanes
- A** frame 30 mm, fixed internal unit
- **Accessories**
 - O** none
 - V** volume unit
- 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

De WUAA or WUBA wall diffuser is suitable for discharging air. The diffuser is also suitable as a supply diffuser, see WUCA documentation for the supply selection data. The diffuser can be fitted in a wall or a duct. The horizontal and/or vertical vanes can be adjusted manually. The large vane distance means the diffuser is not prone to becoming dirty.

Characteristics

Free flow: 70 %

Version

Wall diffuser

Frame and vanes: anodised aluminium

Post-treatment: none, optional RAL colour of your choice

Volume unit

Frame and vanes: anodised aluminium

Post-treatment: none

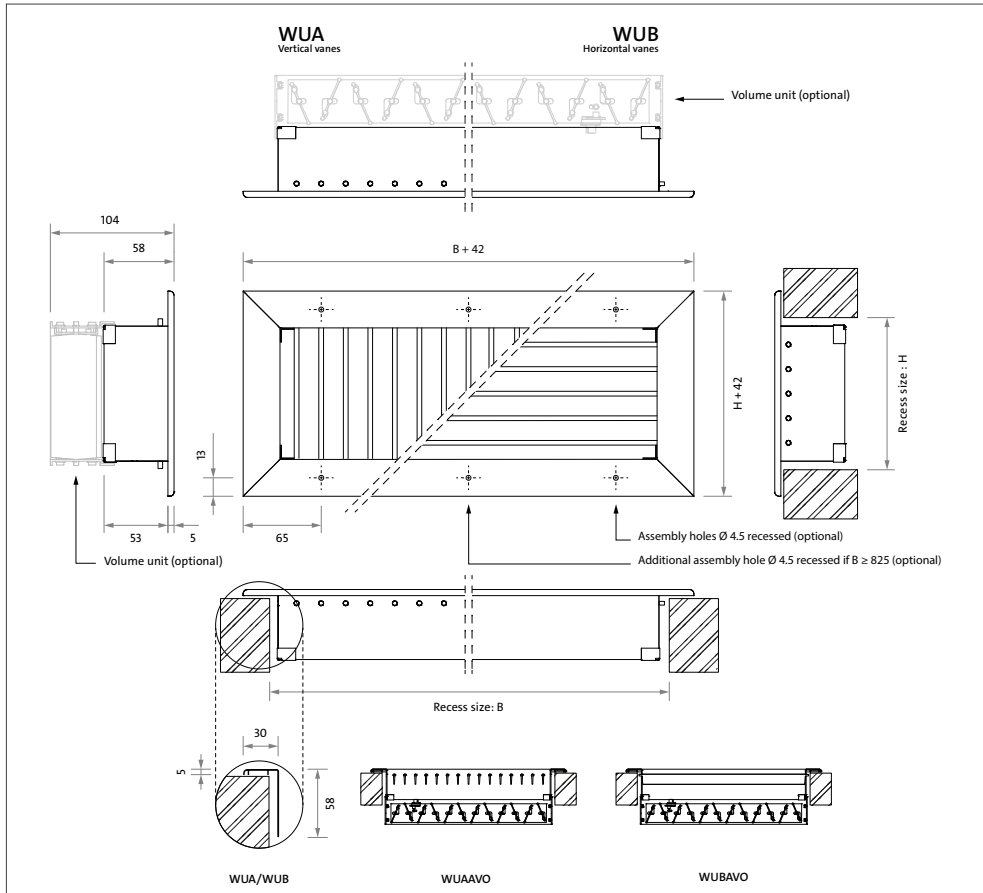
Optional

Click frame: WOOOKW available up to W x H: 625 x 325 mm the diffuser has spring clips when used with a click frame. See [documentation](#).

Plenum boxes: WRO, insulated or uninsulated

Mounting holes: in frame

Dimensions



Standard dimensions

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

Note

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

Available dimensions

- Width min. 225, max. 1225.
- Height min. 85, max. 425.

WUAA

- Interim widths available in increments of 20 mm.
- Interim heights available in increments of 5 mm.

WUBA

- Interim widths available in increments of 5 mm.
- Interim heights available in increments of 20 mm.

Fitting

- For the matching plenum boxes, please [see our website](#).

Selection details

WUAA/WUBA

air volume		H	B															
m ³ /s	m ³ /h		225		325		425		525		625		825		1025		1225	
			Δp_s Pa	L_{pA} dB(A)	Δp_s Pa	L_{pA} dB(A)	Δp_s Pa	L_{pA} dB(A)	Δp_s Pa	L_{pA} dB(A)	Δp_s Pa	L_{pA} dB(A)	Δp_s Pa	L_{pA} dB(A)	Δp_s Pa	L_{pA} dB(A)	Δp_s Pa	L_{pA} dB(A)
0.015	54	85	2	-														
0.020	72	85	3	-														
0.025	90	85	4	-	2	-												
0.030	108	85	6	-	3	-	2	-										
		125	2	-														
0.040	144	85	11	12	5	-	3	-	2	-								
		125	3	-	2	-												
0.050	180	85	17	18	8	9	5	-	3	-	2	-						
		125	5	5	2	-												
0.060	216	85	25	22	11	14	7	8	4	-	3	-						
		125	7	9	3	-	2	-										
0.070	252	85	34	26	16	18	6	7	4	-	4	-						
		125	10	13	5	5	3	-										
0.080	288	85	44	30	20	21	12	15	8	11	5	7						
		125	13	17	6	8	3	-	2	-								
0.100	360	85			32	27	18	21	12	16	8	13						
		125	21	23	9	14	5	8	4	-	2	-						
0.125	450	85					28	27	13	18	9	15						
		125	32	28	15	20	8	14	5	9	4	5	2	-				
0.150	540	225				2	-											
		125			21	25	12	19	8	14	6	10	3	-	2	-		
0.200	720	225				3	5	2	-									
		125			38	32	22	26	14	21	10	17	6	11	4	7		
0.300	1080	225				6	12	4	7	3	-	2	-					
		125							32	32	22	28	12	22	8	17		
0.400	1440	325									3	6	2	-				
		125								56	39	39	36	22	29	14	25	
0.500	1800	225									5	13	3	7	2	-		
		125					37	36	24	31	17	27	10	21	6	16	4	12
0.600	2160	325									8	19	4	13	3	8	2	-
		425									4	13	2	7				
0.700	2520	225							35	36	24	32	14	26	9	21	6	17
		325										11	24	6	17	4	13	3
0.800	2880	425									6	18	4	11	2	7		
		225										33	36	19	30	12	25	8
1.000	3600	325									15	28	9	21	6	17	4	13
		425									9	22	5	15	3	11	2	7
0.800	2880	225									43	40	24	33	16	29	11	25
		325									20	31	11	25	7	20	5	16
0.800	2880	425									11	25	6	19	4	14	3	10
		225											38	39	24	34	17	30
1.000	3600	325									31	37	17	31	11	26	8	22
		425									18	31	10	25	6	20	4	16

General

- The pressure loss applies to a fully opened volume unit.
- The assumed room attenuation is 10 dB.
- It is permitted to interpolate the interim values.