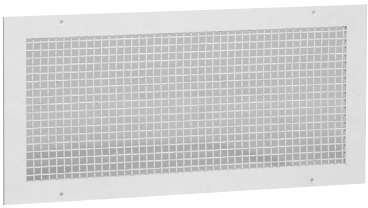


WRGC

Wall diffuser
Return
Mesh

Available types
W R G C O O

- **W** wall diffuser
- **R** return
- **G** galvanised mesh
- **C** 35 mm aluminium
- **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 WRGC wall diffuser is suitable for discharging air. The diffuser can be fitted in a wall or a door. The diffusers have standard mounting holes in the frame.

Characteristics

Free flow:	70 %

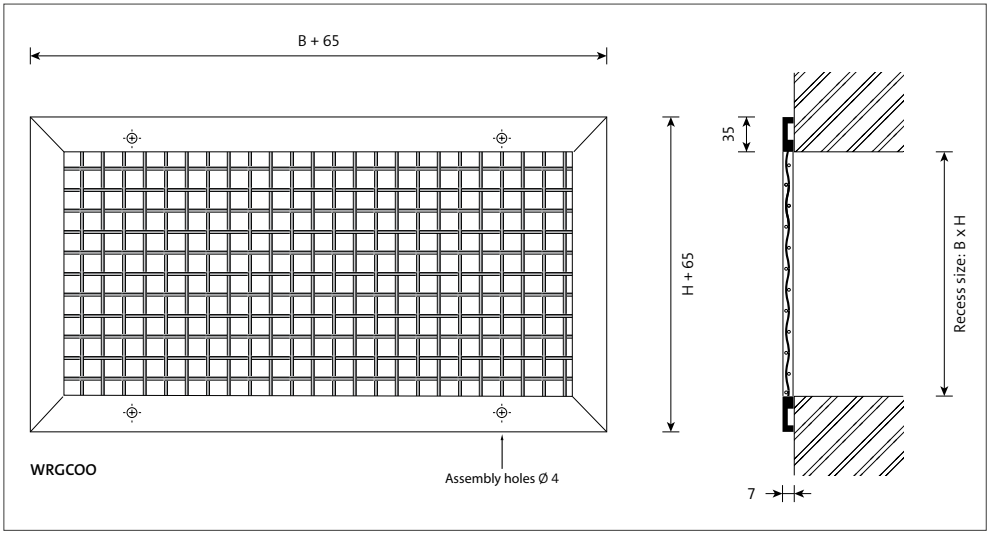
Version
Wall diffuser

Frame:	anodised aluminium
Mesh width:	12 x 12 mm, galvanised
Post-treatment:	epoxy
Colour:	white RAL 9010, optional RAL colour of your choice

Optional
Also available without mounting holes.

2024_08_v2

Dimensions



Standard dimensions

H	B							
	225	325	425	525	625	825	1025	1225
75	■	■	■	■	■	■	■	■
125	■	■	■	■	■	■	■	■
225	■	■	■	■	■	■	■	■
325	■	■	■	■	■	■	■	■
425	■	■	■	■	■	■	■	■
525	■	■	■	■	■	■	■	■
625	■	■	■	■	■	■	■	■
825	■	■	■	■	■	■	■	■
1025	■	■	■	■	■	■	■	■
1225	■	■	■	■	■	■	■	■

The available models marked in grey are not preferable from an air-distribution point of view, and therefore they are not included as standard in SA-Select. These selection details are available on request.

Available dimensions

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

Note

- The listed dimensions are in mm.
- Recess size: W x H.

Selection details

WRGC

air volume		H	B															
			225		325		425		525		625		825		1.025		1.225	
m^3/s	m^3/h		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	75	1	-														
0.020	72	75	2	-														
0.025	90	75	4	6	2	-												
0.030	108	75	5	10	2	-												
0.040	144	75	9	18	4	10	3	-										
		125	3	7	2	-												
0.050	180	75	14	24	7	16	4	10	3	5	2	-						
		125	5	12	2	-												
0.060	216	75	20	28	10	20	6	15	4	10	3	6						
		125	7	17	3	9	2	-										
0.080	288	75	36	36	17	28	10	22	7	17	5	14						
		125	13	25	6	17	4	11	2	6	2	-						
		225	4	12	2	-												
0.100	360	75	56	42	27	34	16	28	10	23	7	19						
		125	20	31	10	23	6	17	4	12	3	8	2	-				
		225	6	18	3	10	2	-										
0.125	450	75			42	39	25	34	16	29	11	25						
		125	32	36	15	28	9	23	6	18	4	14	2	8	2	-		
		225	10	24	5	16	3	10	2	5								
0.150	540	75					35	38	23	34	16	30						
		125	46	41	22	33	13	27	8	23	6	19	3	13	2	8		
		225	14	28	7	20	4	15	3	10	2	6						
		325			3	12	2	7										
0.200	720	75						-	41	41	29	38						
		125			39	41	23	35	15	30	10	26	6	20	4	16		
		225	25	36	12	28	7	22	5	17	3	14	2	8				
		325			6	20	3	14	2	9	2	6						
0.250	900	75									46	43						
		125					35	41	23	36	16	32	9	26	6	21		
		225	39	42	19	34	11	28	7	23	5	19	3	13	2	9	1	5
		325			9	26	5	20	3	15	2	11	1	5				
0.300	1080	125					51	45	33	41	24	37	14	31	9	26		
		225	56	46	27	38	16	33	10	28	7	24	4	18	3	13	2	10
		325			13	30	8	25	5	20	3	16	2	10	1	5		
		425					4	19	3	14	2	10	1	-				
0.400	1440	125							59	48	42	44	24	38	16	34		
		225			48	46	28	40	18	36	13	32	7	26	5	21	3	17
		325			23	38	13	32	9	28	6	24	4	18	2	13	2	9
		425					8	26	5	22	4	18	2	12	1	7		
0.500	1800	125											38	44	24	40		
		225					44	46	29	41	20	38	12	32	8	27	5	23
		325			36	44	21	38	14	33	10	30	6	24	4	19	3	15
		425					12	32	8	28	6	24	3	18	2	13	1	9
0.600	2160	125											54	49	35	44		
		225							41	46	36	42	17	36	11	32	8	28
		325			52	49	30	43	20	38	14	34	8	28	5	24	4	20
		425					18	37	12	32	8	28	5	22	3	18	2	14
0.800	2880	225									52	50	30	44	19	39	13	35
		325					54	50	35	46	25	42	14	36	9	31	6	27
		425					31	44	29	40	19	36	8	30	5	25	4	21
1.000	3600	225											46	50	30	45	21	41
		325							55	51	39	48	22	42	14	37	10	33
		425							49	50	32	46	13	36	8	31	6	27

General

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