WTHB

Description

WTHB: wall-mounted supply grilles with special profile suitable for large air input volumes up to 16 exchanges/h with operating Δt from -10K to +15K maintaining correct room comfort (v ~ 0.2 m/sec)

- frame in 6 mm extruded aluminium
- air diffusion component with special removable blade profile in steel, RAL 9010 finish
- fastening with visible screws

WTHBV: like WTHB but with volume control damper

Special versions

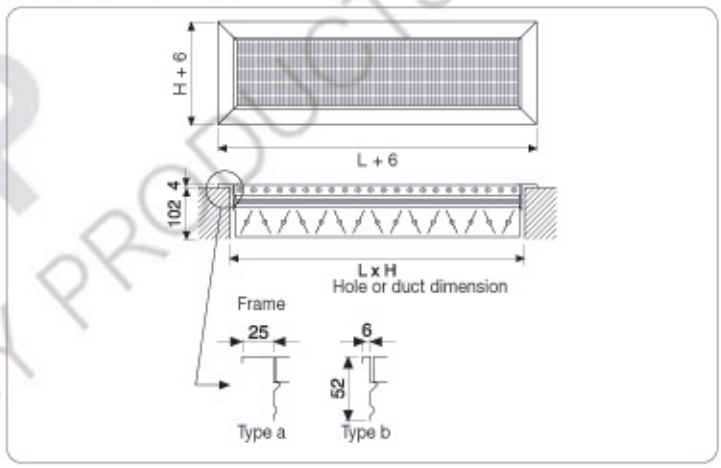
WTHA: with 25 mm frame
FS: fastening with brackets, concealed screws **(list price €+30)**

Configurations

BY simply changing the position of the diffusion element, you can obtain 4 different types of throw for the same vent:

- 5° high (standard): for installation with max distance from ceiling of 0.3 m
- 15° high: for installation with distance from ceiling from 0.3 to 0.6 m
- 5° low: for installation with distance from ceiling over 0.6 m
- 15° low: for installation without ceiling

WTHB - WTHBV / WTHA - WTHAV



Selection table

Flow rate (m³/h)	H	L = 225			325			425			525			625			825			1025			1225		
		T	Ps	Lp	T	Ps	Lp	T	Ps	Lp	T	Ps	Lp	T	Ps	Lp	T	Ps	Lp	T	Ps	Lp	T	Ps	Lp
54	75	2.3	2	-																					
72	75	3.1	4	-																					
90	75	3.8	6	-	2.6	3	-																		
108	75	4.6	9	10	3.2	4	-	2.4	2	-															
	125	3.6	2	-	-	-	-	-	-	-															
144	75	6.1	15	18	4.2	7	-	3.2	4	-	2.6	2	-												
	125	4.8	4	-	-	-	-	-	-	-	-	-	-												
180	75	-	-	-	5.3	10	15	4.0	6	-	3.2	4	-	2.7	3	-									
	125	6.0	6	-	4.1	2	-	-	-	-	-	-	-	-	-	-									
216	75	-	-	-	6.3	15	19	4.8	8	13	3.9	5	-	3.2	4	-									
	125	7.2	8	12	4.9	4	-	3.8	2	-	-	-	-	-	-	-									
252	75	-	-	-	-	-	-	5.6	11	17	4.5	7	12	3.8	5	-									
	125	8.4	11	16	5.8	5	-	4.4	3	-	-	-	-	-	-	-									
288	75	-	-	-	-	-	-	6.4	15	21	5.1	10	16	4.3	7	12									
	125	9.6	14	20	6.6	6	22	5.0	3	-	4.0	2	-	-	-	-									
360	75				-	-	-	-	-	-	6.4	15	22	5.3	10	18									
	125				8.2	10	17	6.3	5	11	5.0	3	-	4.2	2	-									
450	75				-	-	-	-	-	-	-	-	-	6.7	16	23									
	125				10	15	23	7.8	9	17	6.3	5	12	5.3	4	-	3.9	2	-						
	225							5.9	2	-	-	-	-	-	-	-	-	-	-						
540	125							9.4	12	21	7.5	8	16	6.3	5	12	4.7	3	-	3.8	2	-			
	225							7.1	3	-	5.7	2	-	-	-	-	-	-	-	-	-	-			
720	125							-	-	-	10	14	24	8.4	10	19	6.3	5	14	5	3	-			
	225							9.5	5	13	7.6	3	-	6.4	2	-	-	-	-	-	-	-			
1080	125							-	-	-	-	-	-	-	-	-	9.5	12	24	7.6	8	19			
	225							14.0	12	24	11	8	19	9.5	5	15	7.1	3	-	5.7	2	-			
	325										-	-	-	8.0	2	-	-	-	-	-	-	-			
1440	125										-	-	-	-	-	-	-	-	-	10	14	27			
	225										15	14	26	13	9	23	9.6	5	14	7.6	3	11	6.4	2	-
	325													11	4	14	-	-	-	-	-	-	-	-	-
1800	225													16	15	28	12	8	22	9.5	5	17	7.9	4	13
	325													13	6	20	10	4	13	8.0	2	-	-	-	-
2160	225													-	-	-	14	12	27	11	8	22	9.5	5	18
	325													16	9	24	12	5	18	9.6	3	13	8.0	2	-
2520	225													-	-	-	17	16	31	13	10	26	11	7	22
	325													19	13	28	14	7	22	11	5	17	9.3	3	13
2880	225													-	-	-	-	-	-	15	13	30	13	9	26
	325													21	16	32	16	9	25	13	6	21	11	4	17
3600	225																-	-	-	-	-	-	16	15	31
	325																20	14	31	16	9	26	13	6	22

T (m): throw measured from centre of jet; for room comfort, consider T x 0.65
Ps (Pa): pressure drop
Lp (dB(A)): sound pressure level with room attenuation of 10 dB