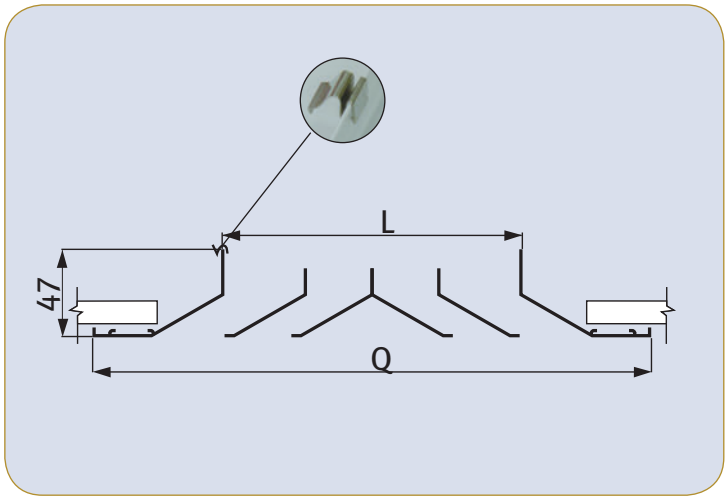
SQUARE CEILING DIFFUSERS HB40



- Made of pressed aluminum
- Powder painted white (RAL 9010)
- Directional lamellas set at 30° angle
- Air flow in four directions
- Good for hot or cold air supply/exhaust
- Light weight even large size
- Directional lamellas can be disassembled – easy access to the diffusers' interior
- Easy mounting by pressing the snap fastener
- Product has certificate of the National Hygiene Institute PZH

SQUARE CEILING DIFFUSERS *HB40*

Diffuser Dimensions Q (mm)	Connection Dimensions L (mm)
295x295	145x145
370x370	220x220
445x445	295x295
520x520	370x370
595x595	445x445

Characteristics of HB40 diffuser								
SIZE (mm)	DETAILS							
295x295	V (m^3/h)	170	190	215	235	255	275	300
	T (m)	1.6-2.5	1.6-2.8	1.9-2.8	2.2-3.1	2.2-3.1	2.5-3.4	2.5-3.4
	Ps (Pa)	8	9	12	14	17	19	23
	NC (dB)	15	16	17	19	20	21	22
370x370	V (m^3/h)	380	430	480	525	570	620	670
	T (m)	2.5-3.7	2.8-4.0	3.1-4.3	3.1-4.3	3.4-4.6	3.4-5.0	3.7-5.0
	Ps (Pa)	9	13	14	17	20	21	27
	NC (dB)	18	19	21	22	24	25	26
455x455	V (m^3/h)	680	765	850	935	1020	1105	1190
	T (m)	3.4-5.0	3.7-5.6	4.0-5.9	4.3-6.2	4.3-6.5	4.6-6.8	5.0-7.1
	Ps (Pa)	10	12	16	19	22	23	30
	NC (dB)	18	20	22	23	25	26	28
520x520	V (m^3/h)	1060	1200	1325	1460	1590	1725	1855
	T (m)	4.3-6.5	5.0-6.8	5.2-7.1	5.2-7.4	5.6-7.8	5.9-8.1	5.9-8.7
	Ps (Pa)	11	15	18	21	24	28	33
	NC (dB)	19	21	23	25	27	28	30
595x595	V (m^3/h)	1530	1720	1915	2110	2300	2500	2680
	T (m)	6.5-7.8	6.2-8.1	6.2-8.7	6.5-9.0	6.5-9.3	6.8-9.9	7.1-10.2
	Ps (Pa)	12	15	18	22	26	29	34
	NC (dB)	20	21	24	26	28	30	31

- T [m] - range given respectively for 0,50 m/s and 0,25 m/s
- Ps [Pa] - static pressure
- NC [dB] - noise level with room attenuation assumed to be 10 dB.