Chart for the rectangular diffuser selection

Measurement L x H [mm]	**Maximum stream velocity (V_{ef}) [m/s]**	**1,5**	**2,0**	**2,5**	**3,0**	**3,5**
	Pressure loss (Δp) [Pa]	**9**	**15**	**23**	**33**	**43**
372 x 205	Air stream volume (Q) [m³/h]	216	288	360	432	504
	Level of acoustic power L_{WA} = [dB(A)]	–	–	28	33	38
472 x 208	Air stream volume (Q) [m³/h]	286	382	477	572	668
	Level of acoustic power L_{WA} = [dB(A)]	–	–	29	34	39
572 x 208	Air stream volume (Q) [m³/h]	362	482	603	724	844
	Level of acoustic power L_{WA} = [dB(A)]	–	–	30	35	40
672 x 208	Air stream volume (Q) [m³/h]	432	576	720	864	1008
	Level of acoustic power L_{WA} = [dB(A)]	–	26	31	36	41
872 x 208	Air stream volume (Q) [m³/h]	578	770	963	1156	1348
	Level of acoustic power L_{WA} = [dB(A)]	–	26	32	37	42
1072 x 208	Air stream volume (Q) [m³/h]	724	965	1206	1448	1688
	Level of acoustic power L_{WA} = [dB(A)]	–	27	33	38	43
1272 x 208	Air stream volume (Q) [m³/h]	864	1152	1440	1728	2016
	Level of acoustic power L_{WA} = [dB(A)]	–	29	35	41	45
472 x 261	Air stream volume (Q) [m³/h]	405	540	675	810	945
	Level of acoustic power L_{WA} = [dB(A)]	–	–	30	35	40
572 x 261	Air stream volume (Q) [m³/h]	508	677	846	1015	1184
	Level of acoustic power L_{WA} = [dB(A)]	–	–	31	36	41
672 x 261	Air stream volume (Q) [m³/h]	610	814	1017	1220	1424
	Level of acoustic power L_{WA} = [dB(A)]	–	26	32	37	42
872 x 261	Air stream volume (Q) [m³/h]	815	1087	1359	1631	1903
	Level of acoustic power L_{WA} = [dB(A)]	–	27	33	39	43
1072 x 261	Air stream volume (Q) [m³/h]	1021	1361	1701	2041	2381
	Level of acoustic power L_{WA} = [dB(A)]	–	28	34	39	43
1272 x 261	Air stream volume (Q) [m³/h]	1226	1634	2043	2452	2860
	Level of acoustic power L_{WA} = [dB(A)]	26	29	35	41	45
572 x 317	Air stream volume (Q) [m³/h]	659	878	1098	1318	1537
	Level of acoustic power L_{WA} = [dB(A)]	–	26	32	37	42
672 x 317	Air stream volume (Q) [m³/h]	794	1058	1323	1588	1852
	Level of acoustic power L_{WA} = [dB(A)]	–	27	33	39	43
872 x 317	Air stream volume (Q) [m³/h]	1058	1411	1764	2117	2470
	Level of acoustic power L_{WA} = [dB(A)]	–	28	34	40	44
1072 x 317	Air stream volume (Q) [m³/h]	1323	1764	2205	2646	3087
	Level of acoustic power L_{WA} = [dB(A)]	26	29	35	41	45
1272 x 317	Air stream volume (Q) [m³/h]	1588	2117	2646	3175	3704
	Level of acoustic power L_{WA} = [dB(A)]	31	36	40	44	49
672 x 372	Air stream volume (Q) [m³/h]	972	1296	1620	1944	2268
	Level of acoustic power L_{WA} = [dB(A)]	–	27	33	28	42
872 x 372	Air stream volume (Q) [m³/h]	1301	1735	2169	2603	3037
	Level of acoustic power L_{WA} = [dB(A)]	26	29	35	41	45
1072 x 372	Air stream volume (Q) [m³/h]	1625	2167	2709	3251	3793
	Level of acoustic power L_{WA} = [dB(A)]	31	36	40	44	49
872 x 372	Air stream volume (Q) [m³/h]	2539	2052	2565	3078	3591
	Level of acoustic power L_{WA} = [dB(A)]	30	35	39	44	48