



AJD

Long throw adjustable nozzles

Function

The AJD long throw nozzle and the decorative ring are manufactured in aluminium, with a standard powder paint finish in white RAL 9010. The connection part is manufactured of galvanised steel sheet. The AJD nozzle has an extraordinarily good aesthetic design and can be painted by special order to fit any decorative need. The AJD nozzles provide long throws with a low noise level, releasing a long air jet with exceptional precision to a length of over 30 metres. They can be used for spot cooling and are especially appropriate for large rooms requiring a decorative look, for instance, large vestibules, entertainment areas, airport halls, department stores, hotels, etc.

The configuration allows the nozzle to swivel in all directions up to a maximum of $\pm 30^\circ$ in the horizontal or vertical direction.

Design

The AJD long throw nozzles are manufactured in aluminium, with a standard powder paint finish in white RAL 9010. The connection part is manufactured of galvanised steel sheet. Available in the following diameter: Ø100, Ø125, Ø160, Ø200, Ø250, Ø315, Ø400.

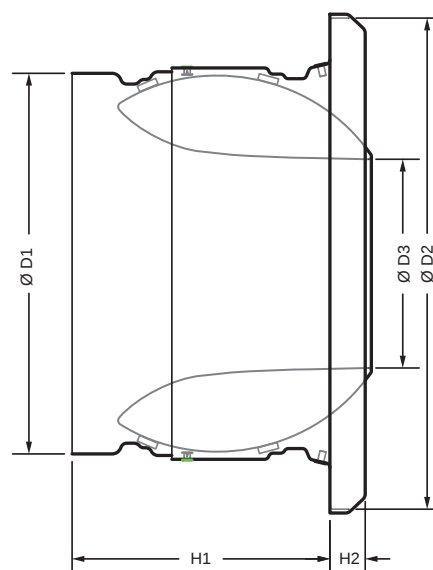
Mounting

With concealed screws

Ordering Code

The ordering code is AJD-100 with sizes

Dimensions



Size	ØD1	ØD2	ØD3	H1	H2
100	98	138	40	105	31
125	123	170	55	120	32
160	158	205	80	137	32
200	198	265	110	148	32
250	248	325	136	168	35
315	313	410	175	183	34
400	398	510	220	199	35

Fig. 1 - Air flow drop Lds (m)

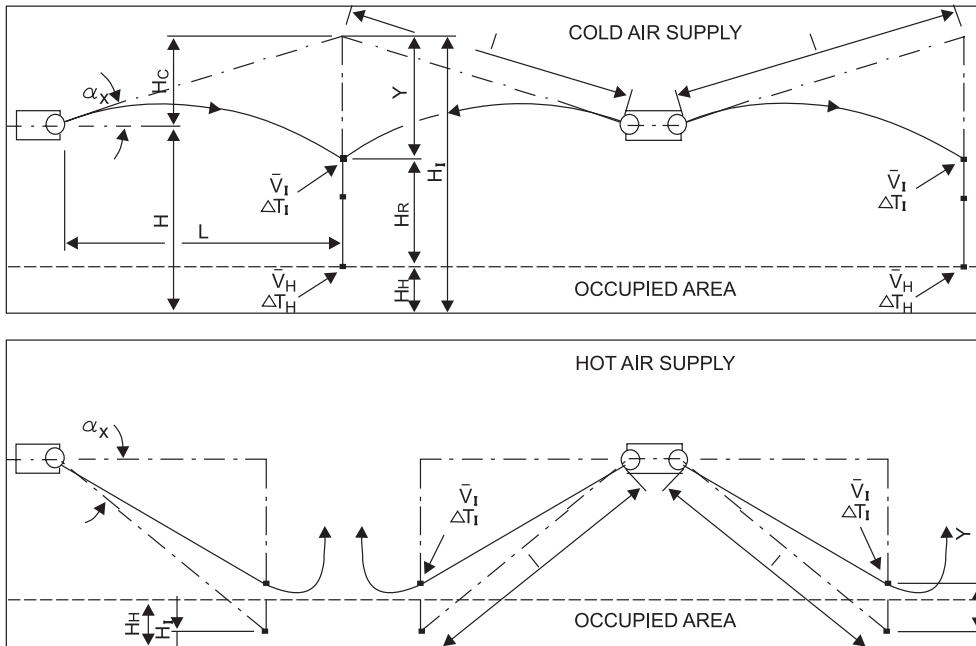
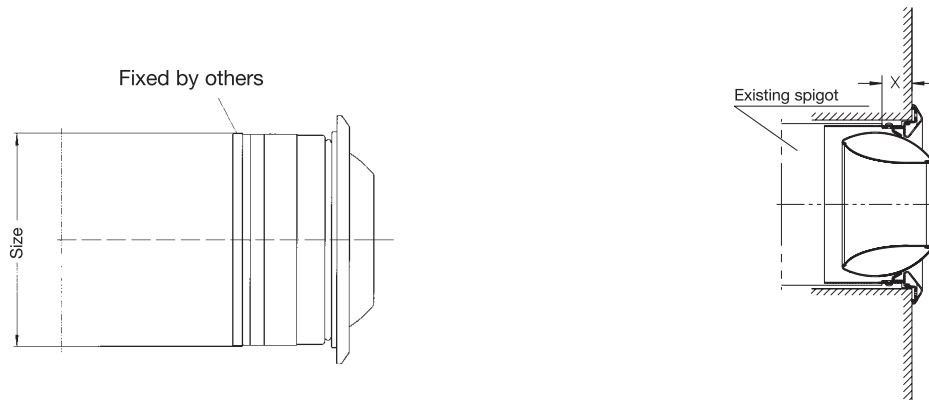
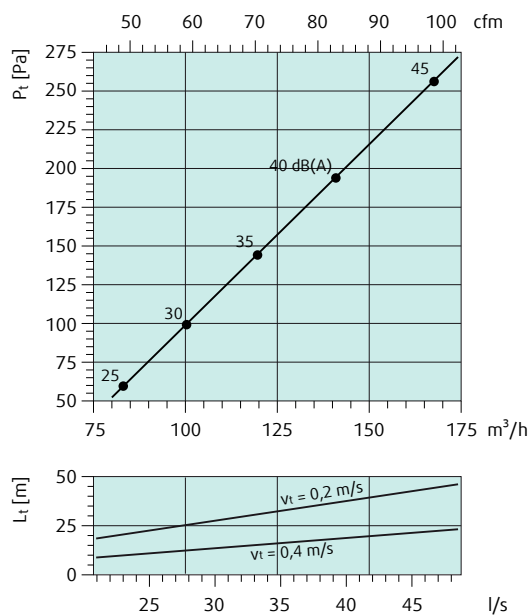


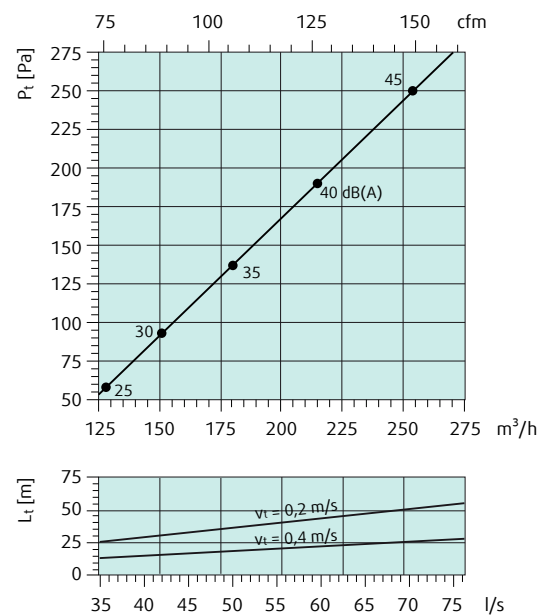
Fig. 2 - Throw distance Lt (m/s)



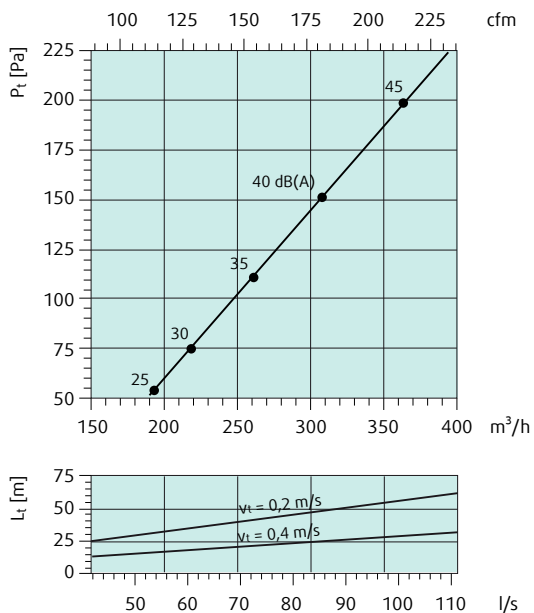
AJD 100



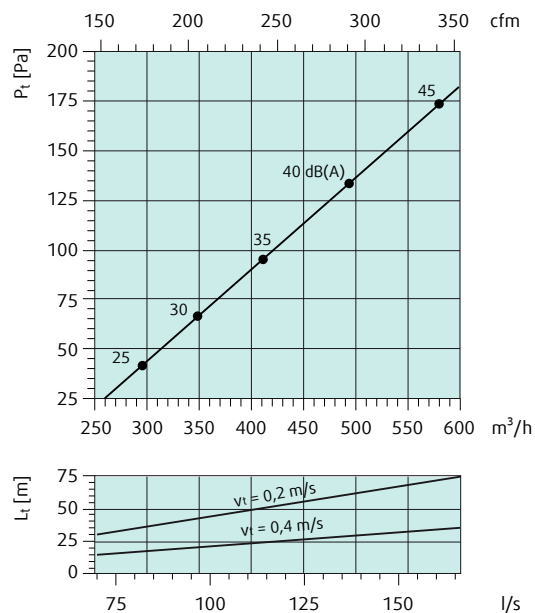
AJD 125



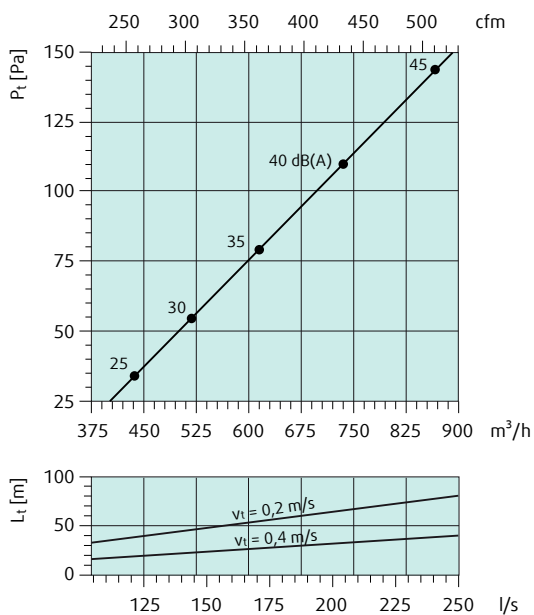
AJD 160



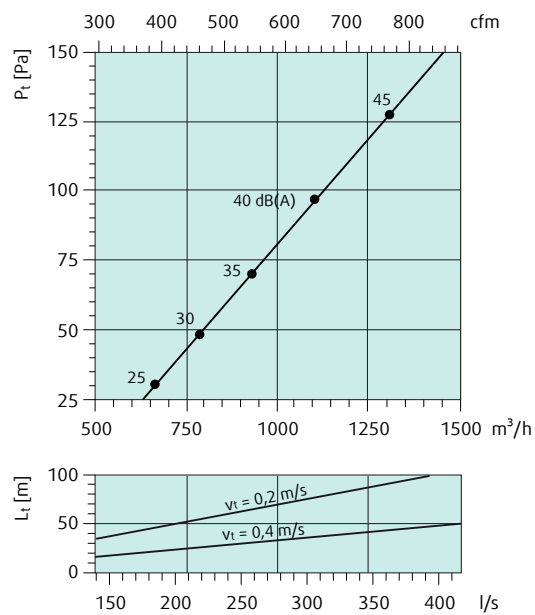
AJD 200

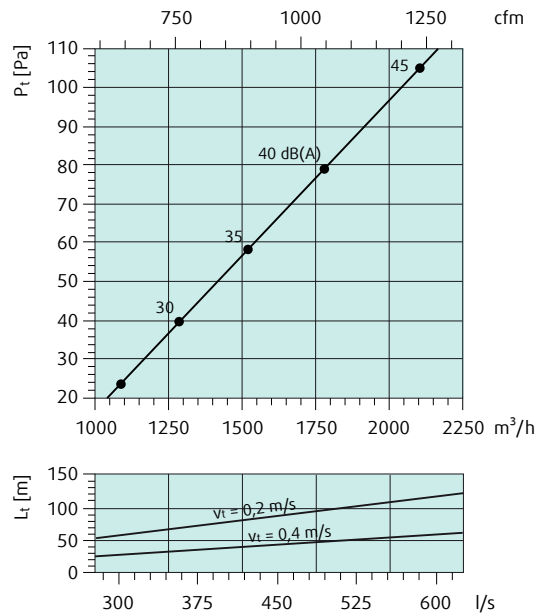


AJD 250



AJD 315



AJD 400

AJD																	
Size	Art No	Air flow range (m³/h, l/s) and throw l _{0,2} (m)													ΔP _t - Pressure drop (Pa)		
100	41000	21	26	33											57	105	155
125	41001			24	32	40									68	115	171
160	41002				25	32	47								46	70	142
200	41003						37	48	56						57	96	146
250	41004							37	59		75				37	87	133
315	41005									42	51	78			37	52	114
400	41006											61	77	95	36	55	86
	m³/h	75	100	125	165	205	305	405	505	630	780	1155	1480	1805	20-25	30	35-40
	l/s	21	28	35	46	57	85	112	140	175	217	321	411	501	dB (A)		