



VARIABLE AIR VOLUME TERMINAL BOX

Performance Data

Technical Data

Nominal sizes	125 – 400 mm
Volume flow rate range	15 – 1680 l/s or 54 – 6048 m ³ /h
Volume flow rate control range (unit with dynamic differential pressure measurement)	Approx. 10 – 100% of the nominal volume flow rate
Minimum differential pressure	5 – 80 Pa
Maximum differential pressure	1000 Pa
Operating temperature	10 – 50 °C

Nominal size	①		②		$\Delta p_{st \min}$		$\Delta \dot{V}$
	\dot{V}				Pa	Pa	± %
	l/s	m ³ /h					
125	15	54	5	5	5	5	19
	60	216	15	25	15	25	8
	105	378	45	65	45	65	7
160	150	540	90	130	90	130	5
	25	90	5	5	5	5	19
	100	360	15	20	15	20	8
200	175	630	40	50	40	50	7
	250	900	80	100	80	100	5
	40	144	5	5	5	5	19
250	160	576	15	20	15	20	8
	280	1008	40	50	40	50	7
	405	1458	80	100	80	100	5
315	60	216	5	5	5	5	19
	250	900	15	20	15	20	8
	430	1548	40	50	40	50	7
400	615	2214	80	100	80	100	5
	100	360	5	5	5	5	19
	410	1476	15	20	15	20	8
400	720	2592	40	60	40	60	7
	1030	3708	80	120	80	120	5
	170	612	5	5	5	5	19
400	670	2412	15	20	15	20	8
	1175	4230	40	60	40	60	7
	1680	6048	80	120	80	120	5

Sound pressure level at differential pressure 150 Pa

Product Code	Velocity (m/s)					
	2	4	6	8	10	12
	Flow Rate m ³ /h					
ACC - 125	86	171	257	342	428	513
ACC - 160	141	282	423	564	705	847
ACC - 200	222	443	665	886	1108	1329
ACC - 250	348	695	1043	1390	1738	2086
ACC - 315	554	1107	1661	2215	2769	3322
ACC - 400	895	1791	2686	3581	4476	5372
ACC - 500	1402	2803	4205	5607	7009	8410
Pressure Loss (Pa)	20	25	30	40	60	90

QUICK SELECTION

Submittal No.	Revision:	Date: 01/01/2019	Submitted by:	Date submitted:
---------------	-----------	------------------	---------------	-----------------