

Acoustic booths type BH

The type BH acoustic booths are used for noise reduction.

They are manufactured from 1.25 mm galvanised steel plate and lined with sound-absorbent and fire-resistant material.

A built-in rail system makes installation simple.

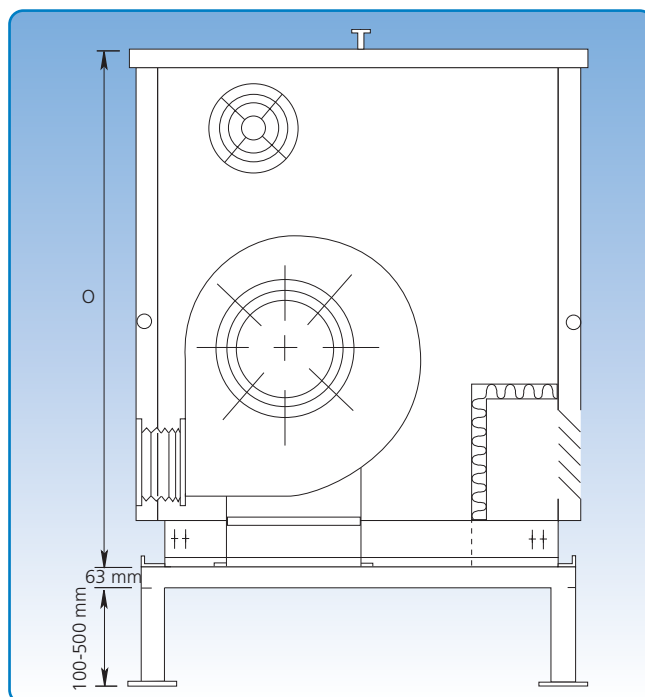
Authorised measurement of noise levels has been performed on the acoustic booths, which indicated noise reduction of 20 - 25 dB(A) for fans and high-pressure fans.

Supplied as standard with cooling fan.

Types 50-BH, 75-BH, 80-BH, 90-BH and 100-BH are supplied with doors.

Cooling fan and doors are standard-mounted as shown on the illustration. Other mounting positions can be supplied upon request.

Doors for other models can be supplied to suit.



For dimensional specifications, see next page.

Cooling fan type 4656 2W:

Power supply 230 V, 50/60 Hz.

For use with max. 5.5 kW electric motors.

For use with type 30-BH acoustic booths.

Cooling fan type W 2 E 200 HH 38-05:

Power supply 230 V, 50/60 Hz or 230/400 V, 50/60 Hz.

For use with 7.5 - 22 kW electric motors.

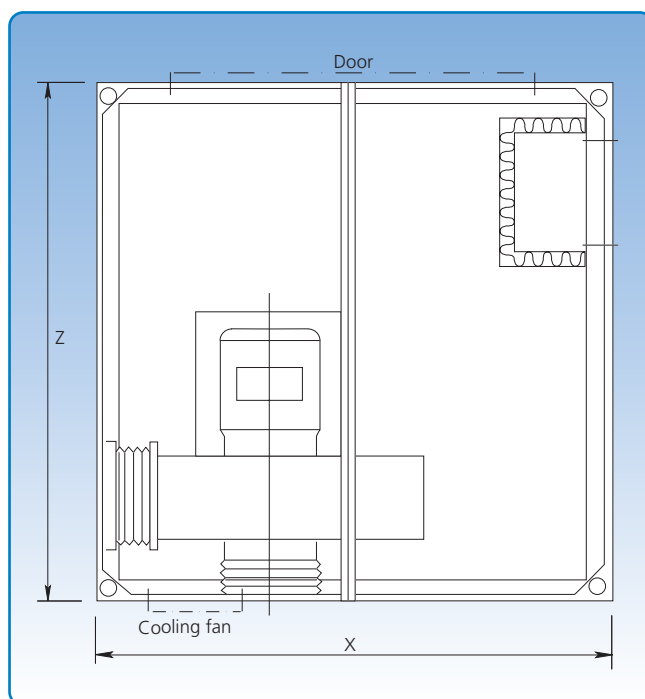
For use with type 40-BH and 45-BH acoustic booths.

Cooling fan type W 2 E 250 HL 06-01:

Power supply 230 V, 50/60 Hz or 230/400 V, 50/60 Hz.

For use with 30 - 90 kW electric motors.

For use with type 50-BH - 100-BH acoustic booths.



For dimensional specifications, see next page.

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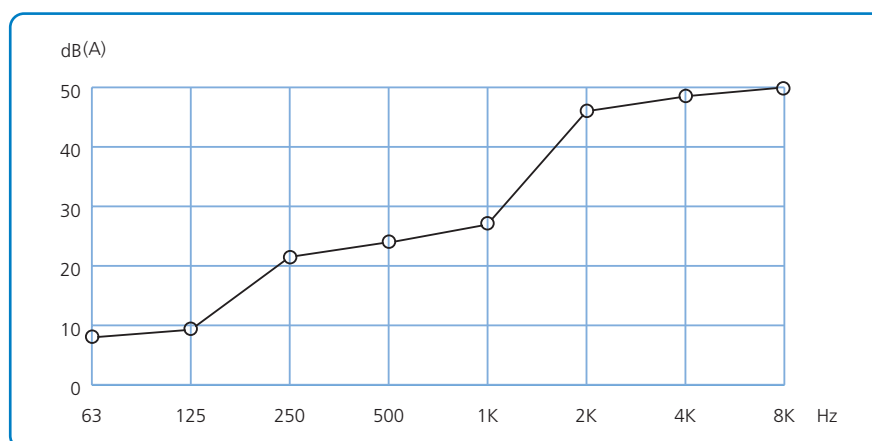
Technical data

The diagram shows the noise-suppression values for fans and high-pressure fans under the operating conditions stated on the brochure pages.

The measurement report is available upon request.

For 50-BH, 75-BH, 80-BH, 90-BH and 100-BH, the Z measurement is extended by 300 mm if a twist throttle is required.

The top can be reinforced for 75-BH - 100-BH to accommodate mounting of duct silencers.



The diagram shows the noise-suppression values in dB(A) at various frequency ranges for fans and high-pressure fans.

Type	Dimensions			Fan type RV, RN, LO, LN	Fan type RO, LV	Weight kg
	Length Z mm	Width X mm	Height O mm			
30-BH	850	850	995	JK-2HT		58
				JK-20D	JK-20D	
				JK-22D	JK-22D	
				JK-25D	JK-25D	
				JK-30D	JK-30D	
40-BH	1150	1150	1295	JK-4HT		105
				JK-5HT		
				JK-7HT		
				JK-35D	JK-35D	
				JK-40D	JK-40D	
				JK-30K	JK-30K	
				JK-30MTD	JK-30MTD	
				JK-30MT	JK-30MTD	
45-BH	1400	1150	1445	JK-10HT		120
				JK-15HT		
				JK-40K	JK-40K	
				JK-45K	JK-45K	
				T-200K	T-200K	
				JK-40MTD	JK-40MTD	
				JK-40MT	JK-40MT	
50-BH	1700	1450	1745	T-300K	T-300K	210
75-BH	2020	1570	2040	JK-50MT	JK-50MT	225
				JK-55K	JK-55K	
				JK-75K	JK-75K	
80-BH	2320	1870	2080	JK-60MT	JK-60MT	390
				JK-70MT		
				JK-80MT		
90-BH	2620	2170	2225		JK-70MT	457
					JK-80MT	
100-BH	2924	2472	2665	JK-90MT		547
					JK-90MT	
				JK-100MT		
	2924	2472	2815		JK-100MT	578