

Acoustic data



Standard: BS EN 13141-6:2014

Product **CME3.1 Q Plus**

		Sound Power Levels dB re. 1pW								Overall L _W	Overall L _{WA}	Casing Breakout dBA @ 3m
		Frequency Hz										
Speed		63	125	250	500	1k	2k	4k	8k			
1 (26% - 27l/s)	Inlet	37	31	28	27	20	16	17	22	39	29	13
	Breakout	32	44	28	24	19	15	18	23	44	31	
2 (40% - 42l/s)	Inlet	35	39	36	36	29	29	18	22	43	37	18
	Breakout	39	46	38	33	25	20	18	23	47	35	
3 (54% - 57l/s)	Inlet	40	39	49	47	36	36	21	22	52	47	25
	Breakout	46	45	44	43	32	27	20	23	51	42	
4 (68% - 71l/s)	Inlet	40	43	61	53	43	41	28	23	61	54	29
	Breakout	49	51	51	46	38	33	24	23	56	47	
5 (81% - 86l/s)	Inlet	44	45	56	52	46	46	33	25	58	54	35
	Breakout	53	54	59	50	43	38	28	24	61	53	
6 (95% - 100l/s)	Inlet	53	49	61	60	54	50	38	28	65	60	39
	Breakout	61	57	62	56	48	43	33	25	66	57	
7 (99% - 105l/s)	Inlet	59	49	58	61	55	51	39	30	65	61	39
	Breakout	69	59	58	57	49	44	34	26	70	57	
8 (100% - 106l/s)	Inlet	59	49	58	61	55	51	39	30	65	61	39
	Breakout	70	59	58	57	49	44	34	26	71	57	

The CME 3.1 Q plus was installed in a ducted set up as defined in BS13141-6, as described below:-

125mm diameter plastic ductwork

The three inlets were connected with:

90° bend

0.5m duct

Air Terminal Device

The single outlet was connected with:

0.5m duct

45° bend

2m duct

Grille