Acoustic data

Standard: BS EN ISO3741:2010

Product **Ultimate Dmev - pt1 5-12l/s**

		Sound Power Levels dB re. 1pW Frequency Hz								Overall	Overall	Casing Breakout
Speed		63	125	250	500	1k	2k	4k	8k	L_W	L_{WA}	dBA @ 3m
1 (5l/s)	Outlet	29	28	26	17	26	20	17	20	34	29	10
	Inlet/Casing	27	26	25	20	23	18	18	22	32	28	
2 (6l/s)	Outlet	24	27	26	34	29	21	17	21	37	34	15
	Inlet/Casing	32	29	25	34	23	19	19	22	38	33	
3 (7l/s)	Outlet	27	25	30	23	29	24	18	21	35	32	12
	Inlet/Casing	29	27	28	26	25	20	19	22	35	30	
4 (8l/s)	Outlet	28	32	32	25	32	25	18	21	38	34	15
	Inlet/Casing	27	34	33	29	28	23	19	22	38	33	
5 (9l/s)	Outlet	29	31	40	28	34	29	18	21	42	37	19
	Inlet/Casing	27	32	40	32	31	26	19	22	42	36	
6 (10l/s)	Outlet	27	26	48	33	34	29	19	20	48	41	21
	Inlet/Casing	26	24	42	35	33	30	20	23	44	39	
7 (11l/s)	Outlet	26	24	42	30	37	33	20	21	44	40	22
	Inlet/Casing	28	24	39	35	35	32	21	22	42	39	
8 (12l/s)	Outlet	26	26	43	32	38	34	22	21	45	41	26
	Inlet/Casing	27	25	47	37	38	36	23	22	48	43	

Tested in accordance with BS EN ISO3741:2010 - through wall installation.
Casing breakout is hemispherical - for spherical subtract 3dB
Titon acoustic data is independently tested at Sound Research Laboratories

Acoustic data

Standard: BS EN ISO3741:2010

Product **Ultimate Dmev - pt2 13-30l/s**

		Sound Power Levels dB re. 1pW Frequency Hz								Overall	Overall	Casing Breakout
Speed		63	125	250	500	1k	2k	4k	8k	L_W	L_{WA}	dBA @ 3m
9 (13l/s)	Outlet	28	26	45	33	40	36	24	21	47	43	26
	Inlet/Casing	27	25	45	38	40	37	25	22	47	44	
10 (14l/s)	Outlet	30	28	45	34	42	39	26	21	48	45	29
	Inlet/Casing	28	26	50	39	42	40	27	23	51	46	
11 (15l/s)	Outlet	31	30	54	35	43	39	29	22	55	48	31
	Inlet/Casing	29	28	52	40	44	42	30	23	53	49	
12 (16l/s)	Outlet	47	30	58	39	47	41	32	23	58	52	34
	Inlet/Casing	30	28	55	42	47	44	33	23	56	51	
13 (20l/s)	Outlet	57	31	53	51	49	45	38	26	60	53	38
	Inlet/Casing	50	31	52	55	48	49	39	26	59	56	
14 (25l/s)	Outlet	39	35	46	53	55	51	45	35	58	58	43
	Inlet/Casing	58	41	47	60	53	53	46	34	63	60	
15 (30l/s)	Outlet	47	38	48	54	57	59	51	42	63	63	45
	Inlet/Casing	45	36	49	62	54	58	51	40	64	63	

Tested in accordance with BS EN ISO3741:2010 - through wall installation.
Casing breakout is hemispherical - for spherical subtract 3dB
Titon acoustic data is independently tested at Sound Research Laboratories