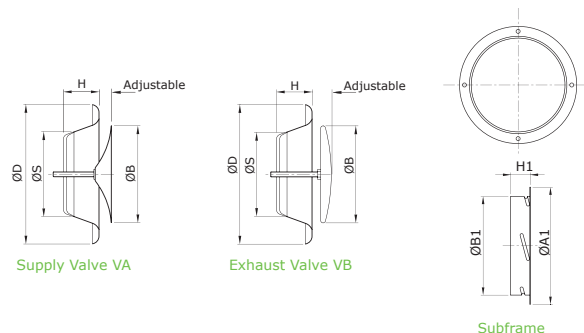


Waterloo Express VA & VB Supply & Exhaust valves

Supply & Exhaust Valve, c/w steel mounting subframe

Quick Facts

- 5 l/s - 120 l/s
- 5 standard duct sizes
- Mounting - Ceiling/duct/wall
- Steel mounting subframe
- Adjustable core



	100 Dia	125 Dia	150 Dia	160 Dia	200 Dia
Ø D	137	161	202	212	249
Ø S	74	97	117	127	156
Ø B (VA)	94	110	135	145	194
Ø B (VB)	75	100	120	130	157
H	47	49	50	54	63
Ø B1	100	125	150	160	200
Ø A1	130	155	180	190	236
Ø H1	28	29	31	31	33

VA	100 Dia			125 Dia			150 Dia			160 Dia			200 Dia		
Static Pressure	Air Volume	Throw @ 0.2 m/s Vt	Noise Level	Air Volume	Throw @ 0.2 m/s Vt	Noise Level	Air Volume	Throw @ 0.2 m/s Vt	Noise Level	Air Volume	Throw @ 0.2 m/s Vt	Noise Level	Air Volume	Throw @ 0.2 m/s Vt	Noise Level
Pa	l/s	(m)	NR	l/s	(m)	NR	l/s	(m)	NR	l/s	(m)	NR	l/s	(m)	NR
10	12	0.9	<20	29	2.0	<20	31	0.8	<20	30	0.7	<20	54	1.4	<20
15	15	1.0	<20	33	2.1	21	39	1.0	<20	36	0.9	<20	67	1.7	<20
20	18	1.1	20	36	2.3	23	45	1.2	<20	41	1.1	<20	77	2.0	20
25	20	1.2	22	40	2.4	25	50	1.3	20	45	1.2	<20	86	2.2	22
30	22	1.3	24	43	2.5	27	54	1.4	22	50	1.3	<20	93	2.3	23
35	24	1.4	27	46	2.6	29	59	1.6	25	54	1.4	23	100	2.5	25
40	25	1.5	28	49	2.8	30	62	1.6	27	58	1.6	26	106	2.6	27

VB	100 Dia			125 Dia			150 Dia			160 Dia			200 Dia		
Static Pressure	Air Volume	Throw @ 0.2 m/s Vt	Noise Level	Air Volume	Throw @ 0.2 m/s Vt	Noise Level	Air Volume	Throw @ 0.2 m/s Vt	Noise Level	Air Volume	Throw @ 0.2 m/s Vt	Noise Level	Air Volume	Throw @ 0.2 m/s Vt	Noise Level
Pa	l/s	(m)	NR	l/s	(m)	NR	l/s	(m)	NR	l/s	(m)	NR	l/s	(m)	NR
10	15	-	<20	21	-	<20	27	-	<20	27	-	<20	62	-	<20
15	18	-	<20	27	-	21	33	-	<20	33	-	<20	75	-	<20
20	20	-	20	31	-	23	39	-	<20	39	-	<20	85	-	<20
25	22	-	21	34	-	25	44	-	20	44	-	<20	95	-	21
30	24	-	22	37	-	27	48	-	22	48	-	<20	103	-	23
35	26	-	23	40	-	29	52	-	25	52	-	21	110	-	24
40	28	-	24	43	-	30	56	-	27	56	-	24	118	-	25

Selection Example

Air Vol/Valve = 60 l/s. Target static pressure 20 Pa.

Size required to be below target pressure - 200 Dia

Performance based on nearest volume (67 l/s), 1.7m throw @ Vt 0.2m/s, 15 Pa, NR<20

Performance adjusted to suit actual volume of 60 l/s, 1.5m throw @ Vt 0.2m/s, 12 Pa, NR<20

All performance is for guidance only.

* including standard UK delivery.

Product Group	Product description	EXPRESS Part Number	Price *	Product Group	Product description	EXPRESS Part Number	Price *
Supply Valves	VA 100 Supply Air Valve RAL 9010 Matt	EXP-VA-001	£4.43	Exhaust Valves	VB 100 Exhaust Air Valve RAL 9010 Matt	EXP-VB-001	£4.43
	VA 125 Supply Air Valve RAL 9010 Matt	EXP-VA-002	£5.69		VB 125 Exhaust Air Valve RAL 9010 Matt	EXP-VB-002	£5.69
	VA 150 Supply Air Valve RAL 9010 Matt	EXP-VA-003	£8.55		VB 150 Exhaust Air Valve RAL 9010 Matt	EXP-VB-003	£8.55
	VA 160 Supply Air Valve RAL 9010 Matt	EXP-VA-004	£9.01		VB 160 Exhaust Air Valve RAL 9010 Matt	EXP-VB-004	£9.01
	VA 200 Supply Air Valve RAL 9010 Matt	EXP-VA-005	£12.30		VB 200 Exhaust Air Valve RAL 9010 Matt	EXP-VB-005	£12.30