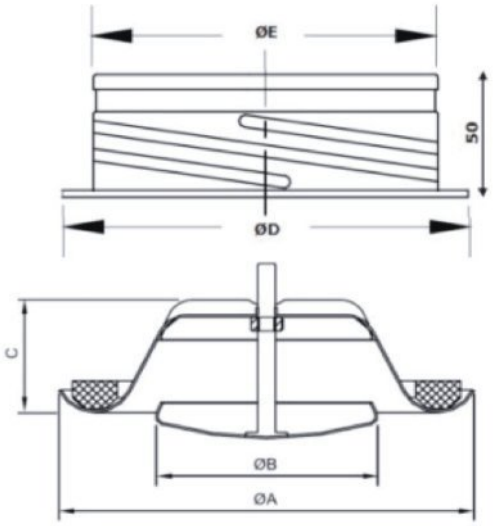
briteair
Air Valves

Available as supply or return air valves. Manufactured from steel sheet and powder coated RAL 9010 as standard. Regulation of airflow is achieved by turning the control disc (+ or -) and can be locked in position.



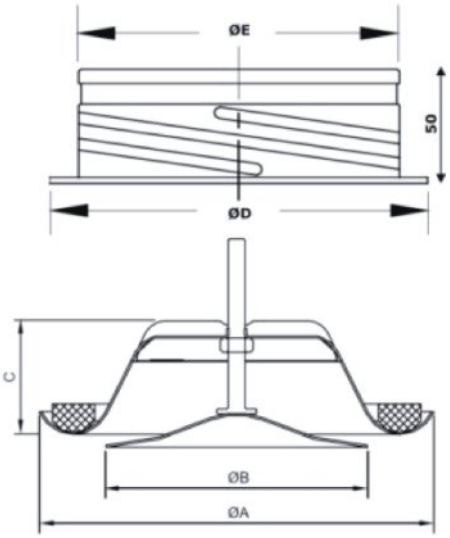
Extract Air Valve



Dimensions in millimetres

BEV	100Ø	125Ø	150Ø	160Ø	200Ø	250Ø
A	140	166	204	209	248	300
B	75	98	119	129	157	210
C	40	46	54	54	59	65
D	125	150	175	185	225	286
E	99	124	149	159	199	249

Supply Air Valve



Dimensions in millimetres

BSV	100Ø	125Ø	150Ø	160Ø	200Ø	250Ø
A	140	166	204	209	248	305
B	95	112	137	148	196	240
C	40	46	54	54	59	65
D	125	150	175	185	225	286
E	99	124	149	159	199	249

briteair SYSTEMS LTD

Briteair Systems Ltd
Unit 2, Norquest Ind Park, Pennine View, Birstall, West Yorkshire WF17 9NE

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Air Valve Performance Data: Supply Air Valve

Sizes									
BSV 100	L/s	10	12	17	17	20	22	25	27
	Throw m 0.25 m/s	0.8	0.9	1.2	1.3	1.6	1.7	1.9	2.1
	PA (- 6mm)	36	52	82	105	145	176	227	265
	PA (0mm)	11	16	25	32	44	53	69	80
	PA (+ 6mm)	4	6	10	13	18	21	28	32
	NR	<20	<20	<20	<20	20	22	26	28
BSV 125	L/s	15	17	20	22	25	27	30	40
	Throw m 0.25 m/s	1.1	1.2	1.5	1.6	1.8	2	2.2	2.9
	PA (- 6mm)	24	31	43	52	67	78	96	171
	PA (0mm)	7	9	13	16	20	24	29	52
	PA (+ 6mm)	4	5	6	8	10	12	15	26
	NR	<20	<20	<20	<20	<20	<20	<20	20
BSV 150/160	L/s	15	20	25	30	35	40	45	50
	Throw m 0.25 m/s	0.6	0.8	1	1.2	1.4	1.6	1.8	2
	PA (- 6mm)	13	22	35	50	68	89	113	139
	PA (0mm)	6	10	16	23	31	40	51	63
	PA (+ 6mm)	2	4	6	9	12	16	20	25
	NR	<20	<20	<20	<20	<20	<20	21	24
BSV 200	L/s	25	30	35	40	50	60	70	80
	Throw m 0.25 m/s	0.8	0.9	1.1	1.2	1.6	1.9	2.2	2.5
	PA (- 6mm)	43	62	84	109	171	246	335	438
	PA (0mm)	15	21	29	38	59	85	116	151
	PA (+ 6mm)	6	8	12	15	24	34	46	60
	NR	<20	<20	<20	<20	23	29	33	37
BSV 250	L/s	35	40	45	50	60	70	80	90
	Throw m 0.25 m/s	0.8	0.9	1	1.1	1.3	1.6	1.8	2
	PA (- 6mm)	41	54	68	85	122	166	216	274
	PA (0mm)	14	19	24	29	42	57	75	94
	PA (+ 6mm)	6	7	9	12	17	23	30	38
	NR	<20	<20	<20	<20	23	27	31	34

Air Valve Performance Data: Extract Air Valve

Sizes									
BEV 100	L/s	10	12	15	17	20	22	25	27
	Throw m 0.25 m/s								
	PA (- 6mm)	21	30	47	60	83	101	130	152
	PA (0mm)	15	21	34	43	60	72	93	109
	PA (+ 6mm)	9	13	20	28	36	43	56	65
	NR	<20	<20	<20	<20	21	23	27	29
BEV 125	L/s	15	17	20	22	25	27	30	40
	Throw m 0.25 m/s								
	PA (- 6mm)	24	31	44	53	68	79	98	174
	PA (0mm)	17	22	31	38	49	57	70	124
	PA (+ 6mm)	10	13	19	23	29	34	42	75
	NR	<20	<20	<20	<20	<20	<20	<20	23
BEV 150/160	L/s	15	20	25	30	35	40	45	50
	Throw m 0.25 m/s								
	PA (- 6mm)	14	25	40	57	78	102	129	159
	PA (0mm)	10	18	28	41	56	73	92	113
	PA (+ 6mm)	6	11	17	24	33	44	55	68
	NR	<20	<20	<20	<20	<20	<20	21	24
BEV 200	L/s	25	30	35	40	50	60	70	80
	Throw m 0.25 m/s								
	PA (- 6mm)	19	28	38	49	77	111	151	197
	PA (0mm)	13	18	25	33	51	74	100	131
	PA (+ 6mm)	8	12	16	21	33	48	65	85
	NR	<20	<20	<20	<20	<20	23	27	31
BEV 250	L/s	35	40	45	50	60	70	80	90
	Throw m 0.25 m/s								
	PA (- 6mm)	17	22	28	35	50	69	90	113
	PA (0mm)	11	15	19	23	34	46	60	76
	PA (+ 6mm)	7	10	12	15	22	30	39	49
	NR	<20	<20	<20	<20	20	24	28	31

How to order

Type	Size	Accessories
BEV - Extract **BSV - Supply**	See Above	FR - Fire Rated
e.g. 10 No BEV - 150 Dia		

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