Mesavent.

COLMAN
Air Distribution

ENGINEERED AIR PRODUCTS

SUPPLY & EXTRACT DUCT GRILLES

GC SERIES

GC
SERIES

GC SERIES

SUPPLY & EXTRACT DUCT GRILLES

Application

Colman's range of duct grilles have been developed for installation in circular ductwork.

Description

Grilles are manufactured from galvanised steel with both single and double deflection available as well as a variety of damper options. The design is such that the grille sits tight to the duct regardless of the diameter of the duct.

Fixings & Maintenance

The grilles can be provided with or without screw hole fixing. For access to the duct, the grille can be completely removed.

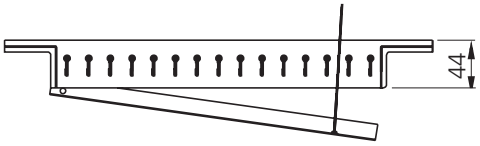
Finish

The GC range can be powder coated to our standard range of RAL colours or supplied in natural mill finish to suit the ductwork.

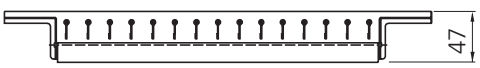
DIMENSIONS & ACCESSORIES

GCBO
Single deflection grille with no damper

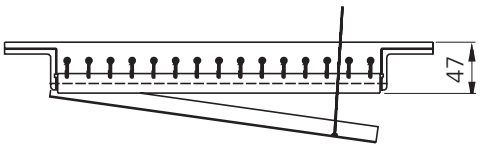
GCBV
Single deflection grille with blade damper



GCDO
Double deflection grille with no damper



GCDV
Double deflection grille with blade damper



Measure A x B	Minimum measure (mm)	Free Area F (m^2)	C – measure (mm)	GCDO Weight (kg)
325 x 75	150	0.017	106	1.10
325 x 125	250	0.028	106	1.30
325 x 150	315	0.034	106	1.40
325 x 225	500	0.056	106	2.20
425 x 75	150	0.023	116	1.40
425 x 125	250	0.037	116	1.80
425 x 150	315	0.045	116	1.90
425 x 225	500	0.074	116	3.00
525 x 75	150	0.028	126	1.70
525 x 125	250	0.047	126	2.00
525 x 150	315	0.056	126	2.30
525 x 225	500	0.093	126	3.40
625 x 75	150	0.034	131	1.90
625 x 125	250	0.056	131	2.40
625 x 150	315	0.068	131	2.60
625 x 225	500	0.112	131	3.70
825 x 75	150	0.045	151	2.40
825 x 125	250	0.074	151	3.10
825 x 150	315	0.093	151	3.50
825 x 225	500	0.148	151	5.10
1025 x 75	200	0.056	116	2.90
1025 x 125	250	0.093	116	3.40
1025 x 150	315	0.112	116	3.90
1025 x 225	500	0.186	116	5.80
1225 x 75	200	0.068	186	3.20
1225 x 125	250	0.112	186	4.00
1225 x 150	315	0.136	186	4.40
1225 x 225	500	0.224	186	6.30

GCBV

Suitable for supply and exhaust air. The grille is equipped with a single adjustment damper and has a lower sound level than GCBZ.

GCDV

As GCBV with horizontal directional bars specifically for supply air.

OPTIONS AND ORDER CODES

1. SERIES	2. CORE	3. ACCESSORIES	4 ARRANGEMENT	5. FIXING	6. FINISH
GC	B Single Deflection D Double Deflection	0 None V Blade Damper	0 None	0 None G Screw Fixing	0 Mill 3 RAL 9006 F RAL 9010 1 Special

GCDV0G0 [625 x 75] — Nominal Size

GCDV0G0 625 x 75

Double deflection duct mounted grille with blade damper, flange hole fixings in Mill finish.

PERFORMANCE DATA

Height Dimension 75mm

325 × 75 0,017 m²	**q: 75 m³/h - 21 l/s $l_{0,2}$: 2,0 m**					**q: 100 m³/h - 28 l/s $l_{0,2}$: 3,0 m**					**q: 150 m³/h - 42 l/s $l_{0,2}$: 4,5 m**					**q: 200 m³/h - 56 l/s $l_{0,2}$: 7,0 m**					**q: 250 m³/h - 69 l/s $l_{0,2}$: 9,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	7	12	20	100%	p_t	11	17	26	100%	p_t	20	28	38	100%	p_t	30	38	52	100%	p_t	43	51	62
		L_W	29	41	49		L_W	32	43	54		L_W	37	46	55		L_W	41	49	56		L_W	45	50	56
	50%	p_t	12	21	30	50%	p_t	21	28	40	50%	p_t	38	45	60	50%	p_t	60	65	81	50%	p_t	83	92	104
		L_W	34	44	54		L_W	38	46	55		L_W	44	50	56		L_W	49	51	58		L_W	54	57	60
425 × 75 0,023 m²	**q: 100 m³/h - 28 l/s $l_{0,2}$: 2,5 m**					**q: 150 m³/h - 42 l/s $l_{0,2}$: 4,5 m**					**q: 200 m³/h - 56 l/s $l_{0,2}$: 5,5 m**					**q: 250 m³/h - 69 l/s $l_{0,2}$: 7,0 m**					**q: 300 m³/h - 83 l/s $l_{0,2}$: 9,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	7	12	20	100%	p_t	12	20	29	100%	p_t	20	28	38	100%	p_t	27	35	48	100%	p_t	36	44	56
		L_W	29	42	50		L_W	34	44	53		L_W	38	47	56		L_W	41	49	56		L_W	44	51	56
	50%	p_t	12	21	30	50%	p_t	26	31	43	50%	p_t	38	45	60	50%	p_t	51	56	74	50%	p_t	70	79	90
		L_W	35	45	55		L_W	40	49	56		L_W	45	51	57		L_W	49	51	58		L_W	53	57	60
525 × 75 0,028 m²	**q: 150 m³/h - 42 l/s $l_{0,2}$: 3,9 m**					**q: 200 m³/h - 56 l/s $l_{0,2}$: 5,5 m**					**q: 250 m³/h - 69 l/s $l_{0,2}$: 7,5 m**					**q: 300 m³/h - 83 l/s $l_{0,2}$: 9,0 m**					**q: 350 m³/h - 97 l/s $l_{0,2}$: 10,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	11	16	25	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	25	35	48	100%	p_t	35	43	55
		L_W	33	44	55		L_W	36	46	56		L_W	39	48	57		L_W	41	50	57		L_W	45	52	58
	50%	p_t	20	28	38	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	47	55	68	50%	p_t	69	78	89
		L_W	39	47	56		L_W	42	50	57		L_W	46	52	58		L_W	49	53	59		L_W	54	58	61
625 × 75 0,034 m²	**q: 200 m³/h - 56 l/s $l_{0,2}$: 5,0 m**					**q: 250 m³/h - 69 l/s $l_{0,2}$: 6,5 m**					**q: 300 m³/h - 83 l/s $l_{0,2}$: 8,5 m**					**q: 350 m³/h - 97 l/s $l_{0,2}$: 9,5 m**					**q: 400 m³/h - 111 l/s $l_{0,2}$: 10,5 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	11	16	25	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	25	35	48	100%	p_t	30	38	52
		L_W	34	45	54		L_W	37	47	57		L_W	40	49	58		L_W	42	51	58		L_W	44	52	59
	50%	p_t	20	30	40	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	48	57	67	50%	p_t	60	65	81
		L_W	40	48	57		L_W	43	51	58		L_W	47	53	59		L_W	50	54	60		L_W	52	54	61
825 × 75 0,045 m²	**q: 250 m³/h - 69 l/s $l_{0,2}$: 5,2 m**					**q: 300 m³/h - 83 l/s $l_{0,2}$: 7,0 m**					**q: 400 m³/h - 111 l/s $l_{0,2}$: 9,0 m**					**q: 500 m³/h - 139 l/s $l_{0,2}$: 10,5 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 12,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	20	29	100%	p_t	21	28	38	100%	p_t	27	35	48	100%	p_t	37	46	57
		L_W	35	46	57		L_W	37	47	56		L_W	41	50	59		L_W	44	52	59		L_W	48	55	60
	50%	p_t	17	25	35	50%	p_t	26	31	43	50%	p_t	38	47	60	50%	p_t	51	56	74	50%	p_t	72	82	93
		L_W	40	50	58		L_W	43	52	59		L_W	48	54	60		L_W	52	54	61		L_W	57	60	63
1025 × 75 0,056 m²	**q: 300 m³/h - 83 l/s $l_{0,2}$: 6,0 m**					**q: 400 m³/h - 111 l/s $l_{0,2}$: 8,5 m**					**q: 500 m³/h - 139 l/s $l_{0,2}$: 10,0 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 11,5 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 13,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	27	35	48	100%	p_t	35	43	55
		L_W	36	47	58		L_W	39	49	59		L_W	42	51	60		L_W	45	53	60		L_W	48	55	61
	50%	p_t	17	25	35	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	51	56	74	50%	p_t	69	78	89
		L_W	41	51	59		L_W	45	53	60		L_W	49	55	61		L_W	53	55	61		L_W	57	61	64
1225×75 0,068 m²	**q: 400 m³/h - 111 l/s $l_{0,2}$: 7,0 m**					**q: 500 m³/h - 139 l/s $l_{0,2}$: 9,0 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 10,5 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 11,5 m**					**q: 800 m³/h - 222 l/s $l_{0,2}$: 13,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	11	17	26	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	25	35	48	100%	p_t	30	38	52
		L_W	37	48	59		L_W	40	50	60		L_W	43	52	61		L_W	45	54	61		L_W	47	55	62
	50%	p_t	20	28	38	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	48	57	68	50%	p_t	60	65	81
		L_W	43	51	60		L_W	46	52	61		L_W	50	54	62		L_W	53	57	63		L_W	55	57	64

PERFORMANCE DATA

Height Dimension 125mm

325 × 125 0,028m²	**q: 150 m³/h - 42 l/s $l_{0,2}$: 3,9 m**					**q: 200 m³/h - 56 l/s $l_{0,2}$: 5,5 m**					**q: 250 m³/h - 69 l/s $l_{0,2}$: 7,5 m**					**q: 300 m³/h - 83 l/s $l_{0,2}$: 9,0 m**					**q: 350 m³/h - 97 l/s $l_{0,2}$: 10,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	11	16	25	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	25	35	48	100%	p_t	35	43	55
		L_W	33	44	55		L_W	36	46	56		L_W	39	48	57		L_W	41	50	57		L_W	45	52	58
	50%	p_t	20	28	38	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	47	55	68	50%	p_t	69	78	89
		L_W	39	47	56		L_W	42	50	57		L_W	46	52	58		L_W	49	53	59		L_W	54	58	61
425 × 125 0,037m²	**q: 200 m³/h - 56 l/s $l_{0,2}$: 4,5 m**					**q: 250 m³/h - 69 l/s $l_{0,2}$: 6,0 m**					**q: 300 m³/h - 83 l/s $l_{0,2}$: 7,5 m**					**q: 350 m³/h - 97 l/s $l_{0,2}$: 9,0 m**					**q: 400 m³/h - 111 l/s $l_{0,2}$: 10,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	20	28	100%	p_t	19	26	36	100%	p_t	22	29	39	100%	p_t	27	35	48
		L_W	34	45	56		L_W	36	46	55		L_W	40	49	57		L_W	40	50	59		L_W	43	51	58
	50%	p_t	17	25	35	50%	p_t	26	35	46	50%	p_t	34	44	56	50%	p_t	43	52	62	50%	p_t	51	56	74
		L_W	39	49	57		L_W	42	49	57		L_W	46	52	59		L_W	47	53	59		L_W	51	53	59
525 × 125 0,047m²	**q: 250 m³/h - 69 l/s $l_{0,2}$: 5,2 m**					**q: 300 m³/h - 83 l/s $l_{0,2}$: 7,0 m**					**q: 400 m³/h - 111 l/s $l_{0,2}$: 9,0 m**					**q: 500 m³/h - 139 l/s $l_{0,2}$: 10,5 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 12,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	20	29	100%	p_t	21	28	38	100%	p_t	27	35	48	100%	p_t	37	46	57
		L_W	35	46	57		L_W	37	47	56		L_W	41	50	59		L_W	44	52	59		L_W	48	55	60
	50%	p_t	17	25	35	50%	p_t	26	31	43	50%	p_t	38	47	60	50%	p_t	51	56	74	50%	p_t	72	82	93
		L_W	40	50	58		L_W	43	52	59		L_W	48	54	60		L_W	52	54	61		L_W	57	60	63
625 × 125 0,056 m²	**q: 300 m³/h - 83 l/s $l_{0,2}$: 6,0 m**					**q: 400 m³/h - 111 l/s $l_{0,2}$: 8,5 m**					**q: 500 m³/h - 139 l/s $l_{0,2}$: 10,0 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 11,5 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 13,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	27	35	48	100%	p_t	35	43	55
		L_W	36	47	58		L_W	39	49	59		L_W	42	51	60		L_W	45	53	60		L_W	48	55	61
	50%	p_t	17	25	35	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	51	56	74	50%	p_t	69	78	89
		L_W	41	51	59		L_W	45	53	60		L_W	49	55	61		L_W	53	55	61		L_W	57	61	64
825 × 125 0,074 m²	**q: 400 m³/h - 111 l/s $l_{0,2}$: 7,5 m**					**q: 500 m³/h - 139 l/s $l_{0,2}$: 9,0 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 11,0 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 11,5 m**					**q: 800 m³/h - 222 l/s $l_{0,2}$: 13,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	20	28	100%	p_t	19	26	36	100%	p_t	22	29	39	100%	p_t	27	35	48
		L_W	36	47	58		L_W	39	49	58		L_W	43	52	60		L_W	43	53	62		L_W	46	54	62
	50%	p_t	17	25	35	50%	p_t	26	35	46	50%	p_t	34	44	56	50%	p_t	43	52	62	50%	p_t	51	56	74
		L_W	42	52	60		L_W	45	52	60		L_W	49	55	61		L_W	50	56	62		L_W	54	56	62
1025 × 125 0,093 m²	**q: 500 m³/h - 139 l/s $l_{0,2}$: 8,0 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 9,5 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 10,5 m**					**q: 800 m³/h - 222 l/s $l_{0,2}$: 12,0 m**					**q: 1000 m³/h - 278 l/s $l_{0,2}$: 14,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	20	29	100%	p_t	16	23	33	100%	p_t	20	28	38	100%	p_t	27	35	48
		L_W	37	48	59		L_W	40	50	59		L_W	40	52	61		L_W	44	53	62		L_W	47	55	63
	50%	p_t	17	25	35	50%	p_t	26	31	43	50%	p_t	29	39	50	50%	p_t	38	45	60	50%	p_t	51	56	74
		L_W	43	53	61		L_W	46	55	62		L_W	48	56	63		L_W	51	57	63		L_W	55	57	63
1225 × 125 0,112 m²	**q: 600 m³/h - 167 l/s $l_{0,2}$: 9,0 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 10,0 m**					**q: 800 m³/h - 222 l/s $l_{0,2}$: 11,5 m**					**q: 1000 m³/h - 278 l/s $l_{0,2}$: 13,0 m**					**q: 1200 m³/h - 333 l/s $l_{0,2}$: 15,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	19	27	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	27	35	48
		L_W	38	49	60		L_W	41	51	62		L_W	42	52	62		L_W	45	54	63		L_W	48	56	64
	50%	p_t	17	25	35	50%	p_t	21	30	41	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	51	56	74
		L_W	44	54	62		L_W	46	55	63		L_W	52	58	63		L_W	52	58	64		L_W	56	58	64

PERFORMANCE DATA

Height Dimension 150mm

325 × 150 0,034 m²	**q: 200 m³/h - 56 l/s $l_{0,2}$: 5,0 m**					**q: 250 m³/h - 69 l/s $l_{0,2}$: 6,5 m**					**q: 300 m³/h - 83 l/s $l_{0,2}$: 8,5 m**					**q: 350 m³/h - 97 l/s $l_{0,2}$: 9,5 m**					**q: 400 m³/h - 111 l/s $l_{0,2}$: 10,5 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	11	16	25	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	25	35	48	100%	p_t	30	38	52
		L_W	34	45	54		L_W	37	47	57		L_W	40	49	58		L_W	42	51	58		L_W	44	52	59
	50%	p_t	20	30	40	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	48	57	67	50%	p_t	60	65	81
		L_W	40	48	57		L_W	43	51	58		L_W	47	53	59		L_W	50	54	60		L_W	52	54	61
425 × 150 0,045 m²	**q: 250 m³/h - 69 l/s $l_{0,2}$: 5,2 m**					**q: 300 m³/h - 83 l/s $l_{0,2}$: 7,0 m**					**q: 400 m³/h - 111 l/s $l_{0,2}$: 9,0 m**					**q: 500 m³/h - 139 l/s $l_{0,2}$: 10,5 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 12,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	20	29	100%	p_t	21	28	38	100%	p_t	27	35	48	100%	p_t	37	46	57
		L_W	35	46	57		L_W	37	47	56		L_W	41	50	59		L_W	44	52	59		L_W	48	55	60
	50%	p_t	17	25	35	50%	p_t	26	31	43	50%	p_t	38	47	60	50%	p_t	51	56	74	50%	p_t	72	82	93
		L_W	40	50	58		L_W	43	52	59		L_W	48	54	60		L_W	52	54	61		L_W	57	60	63
525 × 150 0,056 m²	**q: 300 m³/h - 83 l/s $l_{0,2}$: 6,0 m**					**q: 400 m³/h - 111 l/s $l_{0,2}$: 8,5 m**					**q: 500 m³/h - 139 l/s $l_{0,2}$: 10,0 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 11,5 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 13,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	27	35	48	100%	p_t	35	43	55
		L_W	36	47	58		L_W	39	49	59		L_W	42	51	60		L_W	45	53	60		L_W	48	55	61
	50%	p_t	17	25	35	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	51	56	74	50%	p_t	69	78	89
		L_W	41	51	59		L_W	45	53	60		L_W	49	55	61		L_W	53	55	61		L_W	57	61	64
625 × 150 0,068 m²	**q: 400 m³/h - 111 l/s $l_{0,2}$: 7,0 m**					**q: 500 m³/h - 139 l/s $l_{0,2}$: 9,0 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 10,5 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 11,5 m**					**q: 800 m³/h - 222 l/s $l_{0,2}$: 130 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	11	17	26	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	25	35	48	100%	p_t	30	38	52
		L_W	37	48	59		L_W	40	50	60		L_W	43	52	61		L_W	45	54	61		L_W	47	55	62
	50%	p_t	20	28	38	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	48	57	68	50%	p_t	60	65	81
		L_W	43	51	60		L_W	46	54	61		L_W	50	52	62		L_W	53	57	63		L_W	55	57	64
825 × 150 0,093 m²	**q: 500 m³/h - 139 l/s $l_{0,2}$: 8,0 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 9,5 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 10,5 m**					**q: 800 m³/h - 222 l/s $l_{0,2}$: 12,0 m**					**q: 1000 m³/h - 278 l/s $l_{0,2}$: 14,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	20	29	100%	p_t	16	23	33	100%	p_t	20	28	38	100%	p_t	27	35	48
		L_W	37	48	59		L_W	40	50	59		L_W	40	52	61		L_W	44	53	62		L_W	47	55	63
	50%	p_t	17	25	35	50%	p_t	26	31	43	50%	p_t	29	39	50	50%	p_t	38	45	60	50%	p_t	51	56	74
		L_W	43	53	61		L_W	46	55	62		L_W	48	56	63		L_W	51	57	63		L_W	55	57	63
1025 × 150 0,112 m²	**q: 600 m³/h - 167 l/s $l_{0,2}$: 9,0 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 10,0 m**					**q: 800 m³/h - 222 l/s $l_{0,2}$: 11,0 m**					**q: 1000 m³/h - 278 l/s $l_{0,2}$: 13,0 m**					**q: 1200 m³/h - 333 l/s $l_{0,2}$: 15,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	19	27	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	27	35	48
		L_W	38	49	60		L_W	41	51	62		L_W	42	52	62		L_W	45	54	63		L_W	48	56	64
	50%	p_t	17	25	35	50%	p_t	21	30	41	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	51	56	74
		L_W	44	54	62		L_W	46	55	63		L_W	48	56	63		L_W	52	58	64		L_W	56	58	64
1225 × 150 0,136 m²	**q: 700 m³/h - 222 l/s $l_{0,2}$: 8,5 m**					**q: 800 m³/h - 278 l/s $l_{0,2}$: 10,0 m**					**q: 1000 m³/h - 333 l/s $l_{0,2}$: 11,5 m**					**q: 1200 m³/h - 389 l/s $l_{0,2}$: 13,0 m**					**q: 1400 m³/h - 444 l/s $l_{0,2}$: 15,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	8	15	22	100%	p_t	11	16	25	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	25	35	48
		L_W	39	49	61		L_W	39	50	61		L_W	42	52	62		L_W	45	54	63		L_W	47	56	63
	50%	p_t	16	23	33	50%	p_t	20	28	38	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	48	57	67
		L_W	41	53	62		L_W	45	53	62		L_W	48	56	63		L_W	52	58	64		L_W	55	59	65

PERFORMANCE DATA

Height Dimension 225mm

325 × 225 0,056 m²	**q: 300 m³/h - 83 l/s $l_{0,2}$: 6,0 m**					**q: 400 m³/h - 111 l/s $l_{0,2}$: 8,5 m**					**q: 500 m³/h - 139 l/s $l_{0,2}$: 10,0 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 11,5 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 13,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	27	35	48	100%	p_t	35	43	55
		L_W	36	47	58		L_W	39	49	59		L_W	42	51	60		L_W	45	53	60		L_W	48	55	61
	50%	p_t	17	25	35	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	51	56	74	50%	p_t	69	78	89
		L_W	41	51	59		L_W	45	53	60		L_W	49	55	61		L_W	53	55	61		L_W	57	61	64
425 × 225 0,074 m²	**q: 400 m³/h - 111 l/s $l_{0,2}$: 7,5 m**					**q: 500 m³/h - 139 l/s $l_{0,2}$: 9,0 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 11,0 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 11,5 m**					**q: 800 m³/h - 222 l/s $l_{0,2}$: 13,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	20	28	100%	p_t	19	26	36	100%	p_t	22	29	39	100%	p_t	27	35	48
		L_W	36	47	58		L_W	39	49	58		L_W	43	52	60		L_W	43	53	62		L_W	46	54	62
	50%	p_t	17	25	35	50%	p_t	26	35	46	50%	p_t	34	44	56	50%	p_t	43	52	62	50%	p_t	51	56	74
		L_W	42	52	60		L_W	45	52	60		L_W	49	55	61		L_W	50	56	62		L_W	54	56	62
525 × 225 0,093 m²	**q: 500 m³/h - 139 l/s $l_{0,2}$: 8,0 m**					**q: 600 m³/h - 167 l/s $l_{0,2}$: 9,5 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 10,5 m**					**q: 800 m³/h - 222 l/s $l_{0,2}$: 12,0 m**					**q: 1000 m³/h - 278 l/s $l_{0,2}$: 14,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	20	29	100%	p_t	16	23	33	100%	p_t	20	28	38	100%	p_t	27	35	48
		L_W	37	48	59		L_W	40	50	59		L_W	40	52	61		L_W	44	53	62		L_W	47	55	63
	50%	p_t	17	25	35	50%	p_t	26	31	43	50%	p_t	29	39	50	50%	p_t	38	45	60	50%	p_t	51	56	74
		L_W	43	53	61		L_W	46	55	62		L_W	48	56	63		L_W	51	57	63		L_W	55	57	63
625 × 225 0,112 m²	**q: 600 m³/h - 167 l/s $l_{0,2}$: 9,0 m**					**q: 700 m³/h - 194 l/s $l_{0,2}$: 10,0 m**					**q: 800 m³/h - 222 l/s $l_{0,2}$: 11,0 m**					**q: 1000 m³/h - 278 l/s $l_{0,2}$: 13,0 m**					**q: 1200 m³/h - 333 l/s $l_{0,2}$: 15,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	19	27	100%	p_t	14	22	32	100%	p_t	21	28	38	100%	p_t	27	35	48
		L_W	38	49	60		L_W	41	51	62		L_W	42	52	62		L_W	45	54	63		L_W	48	56	64
	50%	p_t	17	25	35	50%	p_t	21	30	41	50%	p_t	28	37	47	50%	p_t	38	47	60	50%	p_t	51	56	74
		L_W	44	54	62		L_W	46	55	63		L_W	48	56	63		L_W	52	58	64		L_W	56	58	64
825 × 225 0,148 m²	**q: 800 m³/h - 222 l/s $l_{0,2}$: 9,5 m**					**q: 1000 m³/h - 278 l/s $l_{0,2}$: 11,5 m**					**q: 1200 m³/h - 333 l/s $l_{0,2}$: 13,0 m**					**q: 1400 m³/h - 389 l/s $l_{0,2}$: 15,0 m**					**q: 1600 m³/h - 444 l/s $l_{0,2}$: 17,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	20	28	100%	p_t	19	26	36	100%	p_t	22	30	40	100%	p_t	27	35	48
		L_W	39	50	61		L_W	42	52	61		L_W	46	55	63		L_W	46	56	64		L_W	49	57	65
	50%	p_t	17	25	35	50%	p_t	27	35	45	50%	p_t	34	44	56	50%	p_t	43	52	62	50%	p_t	51	56	74
		L_W	45	55	63		L_W	48	55	63		L_W	52	58	65		L_W	53	59	65		L_W	57	59	65
1025 × 225 0,186 m²	**q: 1000 m³/h - 278 l/s $l_{0,2}$: 11,0 m**					**q: 1200 m³/h - 333 l/s $l_{0,2}$: 12,0 m**					**q: 1400 m³/h - 389 l/s $l_{0,2}$: 13,5 m**					**q: 1600 m³/h - 444 l/s $l_{0,2}$: 15,0 m**					**q: 1800 m³/h - 500 l/s $l_{0,2}$: 17,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	20	30	100%	p_t	16	23	33	100%	p_t	20	27	37	100%	p_t	23	31	42
		L_W	40	51	62		L_W	43	53	62		L_W	43	55	64		L_W	47	56	65		L_W	48	57	66
	50%	p_t	17	25	35	50%	p_t	26	31	43	50%	p_t	30	41	49	50%	p_t	38	45	60	50%	p_t	44	52	64
		L_W	46	56	64		L_W	49	58	65		L_W	51	59	66		L_W	54	60	66		L_W	56	61	66
1225 × 225 0,224 m²	**q: 1200 m³/h - 333 l/s $l_{0,2}$: 11,0 m**					**q: 1400 m³/h - 389 l/s $l_{0,2}$: 12,0 m**					**q: 1600 m³/h - 444 l/s $l_{0,2}$: 14,0 m**					**q: 1800 m³/h - 500 l/s $l_{0,2}$: 15,5 m**					**q: 2000 m³/h - 556 l/s $l_{0,2}$: 17,0 m**				
	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9	v_k-m/s		3	6	9
	100%	p_t	10	16	24	100%	p_t	12	19	27	100%	p_t	14	22	32	100%	p_t	18	25	35	100%	p_t	21	28	38
		L_W	40	51	62		L_W	43	53	64		L_W	44	54	64		L_W	47	56	64		L_W	47	56	65
	50%	p_t	17	25	35	50%	p_t	21	30	41	50%	p_t	28	37	47	50%	p_t	34	44	56	50%	p_t	38	47	60
		L_W	46	56	64		L_W	48	57	65		L_W	50	58	66		L_W	53	59	66		L_W	54	60	66

PRODUCT RANGES

GRILLES	DIFFUSERS	LOUVRES
Linear Bar	Linear Slot	External
Ceiling	Louvre Face	Circular
Sidewall	Sidewall	Door
Floor	Perforated Face	Screens
Computer Floor	Circular	Penthouse
Cill	Swirl	Sand Louvres
Single & Double Deflection	Ceiling	Roof Louvres
Egg Crate	Sidewall Fixed & Adjustable	
Hinged Core	Jet Flow / Nozzle	
Door Transfer	Repus Displacement Ventilation	
Security and Prison		
Supply and Extract Valves		

BESPOKE SERVICE

We offer a bespoke design service where standard products do not fit the requirements of the build, we also supply products in special colours and finishes including bronze, brass, gold and chrome to meet Architectural design specifications.