



AFRICA AIRCONDITIONING & INSULATION SYSTEMS

YOUR ONE STOP HVAC SUPPLIER

TECHNICAL CATALOGUE

Poly Diffuser
(Fixed & Adjustable) Plastic



POLY DIFFUSER

T-BAR REGISTER

MODEL: MC-24 FIXED BLADES
MC-24A ADJUSTABLE BLADES

SPECIFICATIONS

Size: - Outer frame either 595mm x 595mm metric
603mm x 603mm imperial.
- Neck 500mm x 500mm

Material: Plastic, either ABS or HIPS, can have U.V stabilizing and with or without fire retardant.

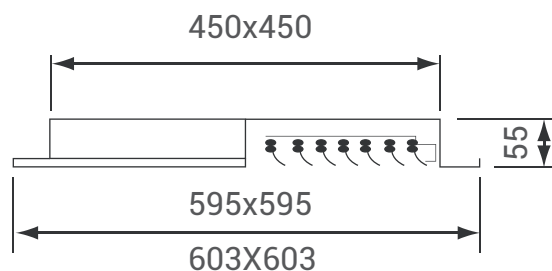
It is important to check the price before selecting materials for production.

Colour: Our colour is standard white however for large runs we are prepared to use other colours but there may be a cost penalty.



ADVANTAGES

- Cost effective
- Easy to clean
- Less condensation than metal grilles
- Do not rust
- Light weight



TECHNICAL DATA

I/S	NR	pa	Throw/1 Way	Throw/2 Way	Throw/3 Way
100	22	0	1.0	0.8	0.5
150	22	0	2.0	1.0	1.0
200	22	1	3.3	2.4	1.8
250	24	2	3.6	3.0	2.1
300	26	3	3.7	3.2	2.2
350	28	4	3.9	3.4	2.3
400	30	5	4.3	3.6	2.4
450	32	7	4.4	3.8	2.6
500	34	9	4.5	3.9	2.8
550	36	11	4.6	4.1	2.8
600	36	12	4.8	4.2	2.9
650	37	14	4.9	4.3	2.9
700	37	17	5.0	4.3	3.0
750	38	19	5.2	4.4	3.0
800	38	21	5.3	4.4	3.2
850	40	23	5.4	4.5	3.2
900	42	26	5.5	4.5	3.3
950	44	28	5.6	4.6	3.3
1000	44	31	5.7	4.6	3.4
1050	46	34	5.8	4.7	3.4
1100	48	37	5.8	4.7	3.5
1150	50	40	5.9	4.8	3.6
1200	50	45	5.9	4.8	3.6

POLY DIFFUSER

SURFACE MOUNTED REGISTER

MODEL: MC-300 ADJUSTABLE BLADES
MC-370 ADJUSTABLE BLADES

SPECIFICATIONS

Material: Plastic, either ABS or HIPS, can have U.V Stabilizing and with or without fire retardant.

It is important to check the price before selecting materials for production.

Colour: Our colour is standard white however for large runs we are prepared to use other colours but there may be a cost penalty.

ADVANTAGES

- Cost effective
- Easy to clean
- Less condensation than metal grilles
- Range of black plastic neck adaptors to suit..
- Do not rust
- Light weight

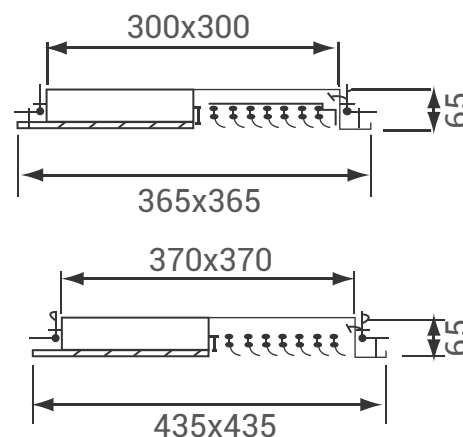
TECHNICAL DATA

MC-300 ADJUSTABLE BLADES SET AT 45°

I/S	NR	pa	Throw/1 Way	Throw/2 Way	Throw/4 Way
75	-	1	2.4	2.0	1.4
150	17	4	3.6	3.0	2.2
200	23	8	4.6	3.8	2.7
250	35	15	5.3	4.4	3.2
300	41	23	5.8	5.0	3.5
350	46	33	6.0	5.2	3.5
400	49	44	6.2	5.3	3.7
450	53	54	6.4	5.5	3.8

MC-370 ADJUSTABLE BLADES SET AT 45°

I/S	NR	pa	Throw/1 Way	Throw/2 Way	Throw/4 Way
150	-	2.5	1.8	1.5	1.0
200	21	5.0	3.4	2.8	2.0
250	27	9.0	4.3	3.6	2.6
300	33	16	4.6	4.0	2.9
350	38	22	5.0	4.2	3.0
400	45	28	5.3	4.4	3.2
450	51	36	5.4	4.5	3.4
500	53	44	5.5	4.7	3.5
550	55	50	5.7	4.8	3.6



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