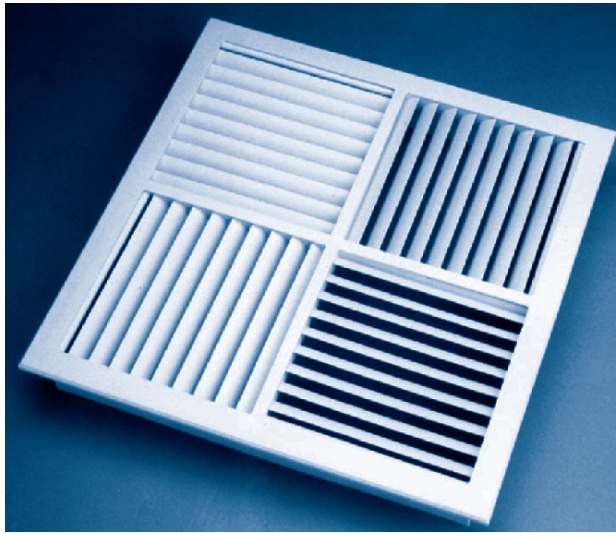


MCDB - FIXED BLADE SERIES

DESCRIPTION

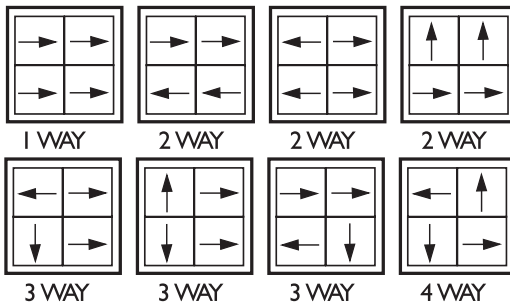


DESCRIPTION

This MULTI DIRECTIONAL CEILING DIFFUSER can direct the air flow for complete control and comfort using unique moveable air flow grilles.

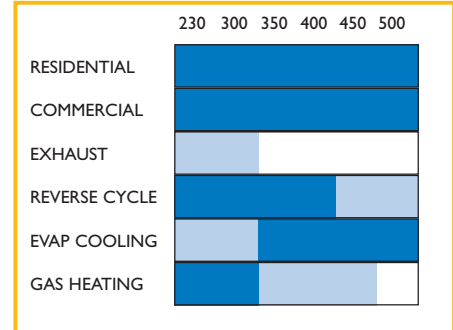
Manufactured from high impact engineering grade plastics to internationally recognised standards, this grille will not chip, fade, corrode or discolour.

OPTIONAL AIR FLOW DIRECTION



| DESCRIPTION | CODE |
|-------------------|--------|
| MDO FIXED 230 sq. | 231011 |
| MDO FIXED 300 sq. | 231012 |
| MDO FIXED 350 sq. | 231013 |
| MDO FIXED 400 sq. | 231014 |
| MDO FIXED 450 sq. | 231015 |
| MDO FIXED 500 sq. | 231017 |

APPLICATION SELECTOR

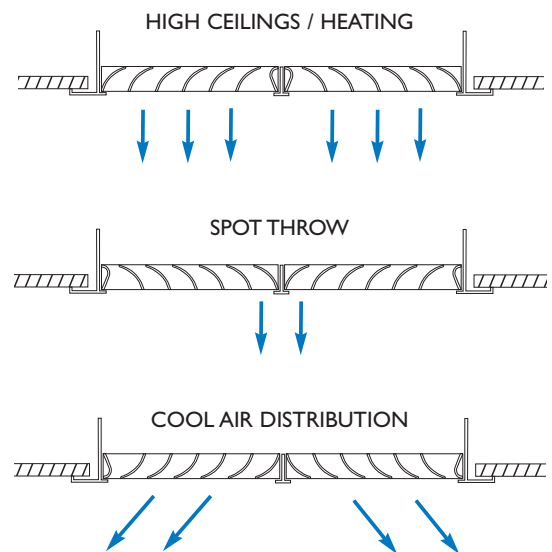


CODE:

- HIGHLY RECOMMENDED
- SUITABLE
- NOT RECOMMENDED

FEATURES

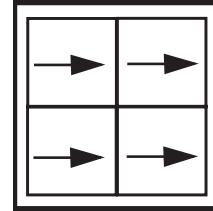
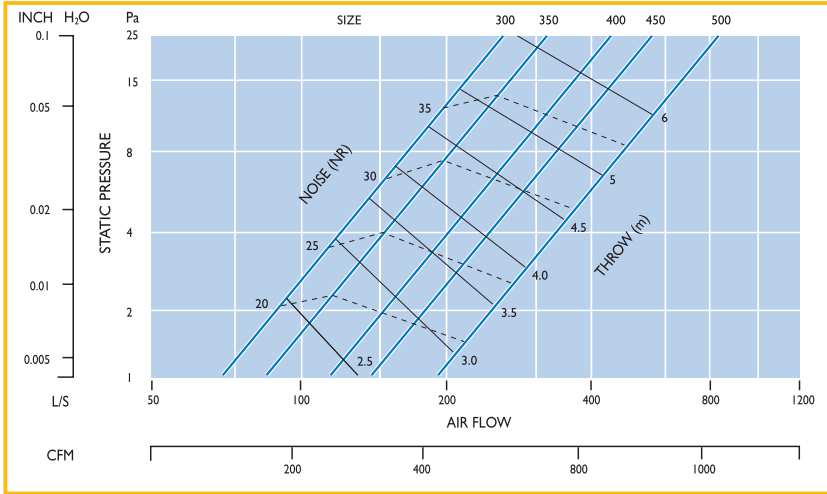
- Tough Polypropylene construction
- Complete air flow directional control adjustment from room
- Resistant to formation of condensation
- Low resistance to airflow (correct installation)
- Fits all ceiling types and thickness
- Suitable for all wet areas
- Easy to clean
- Non corrosive
- Suitable for high salt content areas



MCDB - FIXED BLADE SERIES

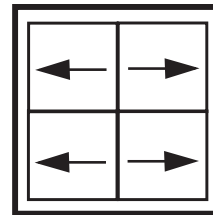
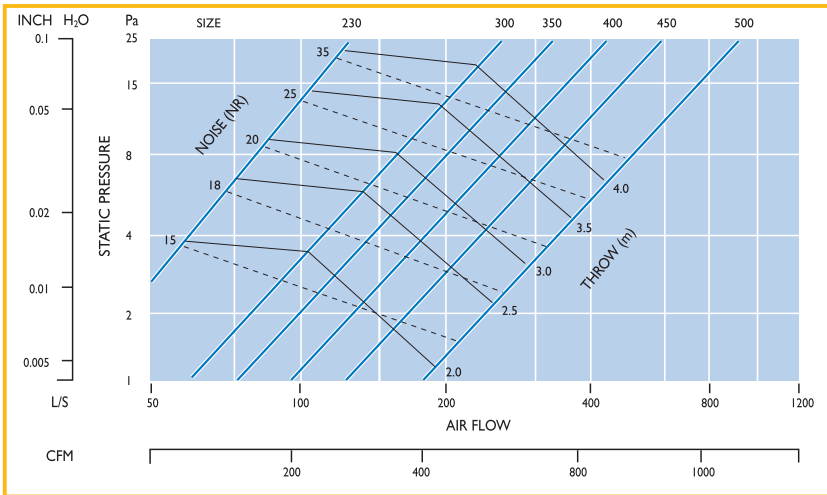
PERFORMANCE DATA

MCDB PERFORMANCE DATA - 1 WAY BLOW



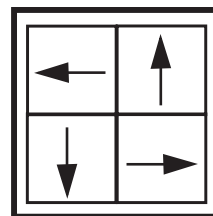
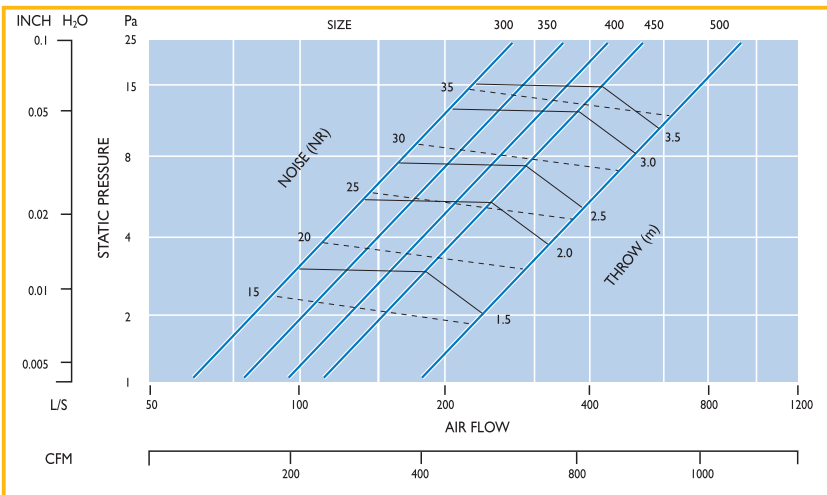
1 WAY

MCDB PERFORMANCE DATA - 2 WAY BLOW



2 WAY

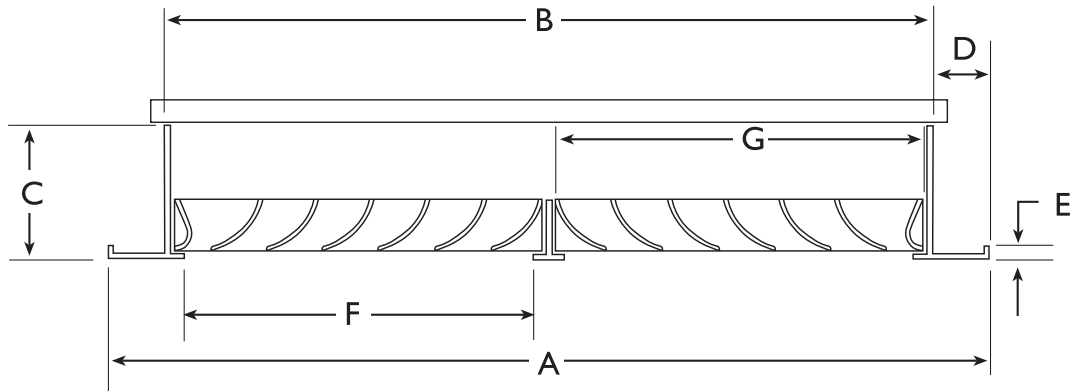
MCDB PERFORMANCE DATA - 4 WAY BLOW



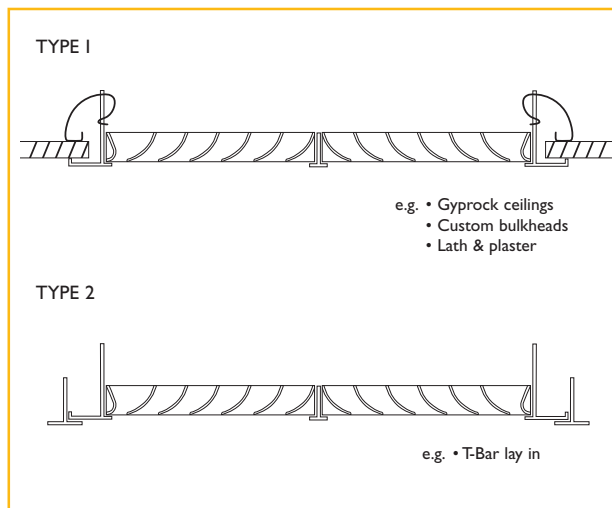
4 WAY

MCDB - FIXED BLADE SERIES

DESIGN & DIMENSION DATA



MOUNTING TYPES



| DIMENSIONS | SIZE | | | | | |
|------------|------|-----|-----|-----|-----|-----|
| | 230 | 300 | 350 | 400 | 450 | 500 |
| A | 265 | 335 | 390 | 440 | 490 | 595 |
| B | 224 | 292 | 345 | 395 | 459 | 495 |
| C | 60 | 60 | 60 | 75 | 75 | 70 |
| D | 20 | 22 | 22 | 22 | 22 | 50 |
| E | 5 | 5 | 5 | 8 | 8 | 10 |
| F | 102 | 136 | 162 | 183 | 208 | 236 |
| G | 112 | 140 | 168 | 190 | 215 | 240 |
| MOUNTING | I | I | I | I | I | 1/2 |

NOTES

- Sound pressure level values expressed in dB(A) re 2×10^{-5} pa
- Noise ratings are calculated with 8dB deducted for room absorption
- Sound data based on one outlet, with Polyaire plastic neck adaptor and acoustic flexible duct above false ceiling
- Throw values measured per ISO 5219-1984, 'The maximum distance to the 0.25 m/s envelope and perpendicular to the intended direction of flow.'
- Static pressures average within the normal section of the neck adaptor
- Within limits of measurement noise levels and static pressure were identified for 1, 2 and 4 way patterns