



Ventilation Louver

BM-DGM



External Louver

BM-DGM



BM-DGM designed for high-performance air exhaust and intake applications, this round vent cover is compatible with circular duct systems ranging from Ø100 mm to Ø160 mm. Ideal for terminal use on ducting hose outlets or wall penetrations in both residential and industrial projects.

MATERIAL OPTIONS

Available in the following material configurations to meet project-specific performance and aesthetic needs:

- Galvanised Steel with epoxy polyester powder coating (RAL options available)
- AISI 304 or 316L Stainless Steel, for corrosion-prone or hygienic environments
- Aluminium, for lightweight architectural installations

INTEGRATED INSECT MESH

Equipped with a built-in stainless steel or aluminium mesh to prevent insects, debris, and small particles from entering the duct system—without obstructing airflow.

SECURE & FAST INSTALLATION

Mounting options include spring-loaded retention clips or screw fixing for seamless integration into walls or soffit panels. Installation is quick and tool-friendly.

APPLICATIONS

Ideal for both residential and commercial use, including:

- Kitchens, bathrooms, and utility rooms
- HVAC plant rooms and mechanical shafts
- Façade air inlets/outlets
- Technical service areas, schools, and light industrial facilities

Sizes

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Nominal Duct Diameter (mm)	A - Front Flange Diameter (mm)	B - Connection Diameter (mm)	C - Depth (mm)	Insect Mesh	Mounting Type
100	185	98	60	Optional	Spring Clip or Screw Fixing
125	185	123	60	Optional	Spring Clip or Screw Fixing
150	185	148	60	Optional	Spring Clip or Screw Fixing
160	185	158	60	Optional	Spring Clip or Screw Fixing



Selection

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Air Volume (m³/h)	Pressure Drop (Pa) Ø100	Pressure Drop (Pa) Ø125	Pressure Drop (Pa) Ø150	Pressure Drop (Pa) Ø160
36	9.0			
54	19.5	7.5		
72	33.75	12.0		
108	74.25	26.25	11.25	9.0
144		43.5	19.5	15.0
216			41.25	30.0
288			74.25	54.0

Air Volume (m³/h)	Sound Level (dB) Ø100	Sound Level (dB) Ø125	Sound Level (dB) Ø150	Sound Level (dB) Ø160
36	24.8			
54	27.1	24.4		
72	30.3	25.4		
108	39.3	28.6	25.3	24.8
144		32.4	27.1	26.1
216			31.9	29.4
288			39.3	34.8



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