

# Grilles, Diffusers & Plenums

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### 4-Way Ceiling Tile Diffuser



- White as standard
- High quality 4-way aluminium diffuser with removable core for ease of cleaning
- Diffuser necks are undersized to fit into ductwork
- 30mm border for surface mounting or tile replacement

| Part No         | Description    | Neck Size | Face Size |
|-----------------|----------------|-----------|-----------|
| <b>GMVMD104</b> | 4-Way Diffuser | 450x450mm | 595x595mm |

### 3-Way Ceiling Tile Diffuser



- White as standard
- High quality 3-way aluminium diffuser with removable core for ease of cleaning
- Diffuser necks are undersized to fit into ductwork
- 30mm border for surface mounting or tile replacement

| Part No         | Description    | Neck Size | Face Size |
|-----------------|----------------|-----------|-----------|
| <b>GMVMD105</b> | 3-Way Diffuser | 450x450mm | 595x595mm |

### 4-Way Ceiling Tile Diffuser c/w OBD



- White as standard
- High quality 4-way aluminium diffuser with removable core for ease of cleaning
- Diffuser necks are undersized to fit into ductwork
- 30mm border for surface mounting or tile replacement
- C/W OBD (Opposed Blade Damper)

| Part No          | Description            | Neck Size | Face Size |
|------------------|------------------------|-----------|-----------|
| <b>GMVMD104D</b> | 4-Way Diffuser c/w OBD | 450x450mm | 595x595mm |

### 2-Way Corner Ceiling Tile Diffuser



- White as standard
- High quality 2-way aluminium diffuser with removable core for ease of cleaning
- Diffuser necks are undersized to fit into ductwork
- 30mm border for surface mounting or tile replacement

| Part No         | Description           | Neck Size | Face Size |
|-----------------|-----------------------|-----------|-----------|
| <b>GMVMD108</b> | 2-Way Corner Diffuser | 450x450mm | 595x595mm |

**4-Way Ceiling Diffuser**



- White as standard
- High quality 4-way aluminium diffuser with removable core for ease of cleaning
- Diffuser necks are undersized to fit into ductwork
- 30mm border for surface mounting

| Part No          | Description    | Neck Size | Face Size |
|------------------|----------------|-----------|-----------|
| <b>GMVMD100</b>  | 4-Way Diffuser | 150x150mm | 295x295mm |
| <b>GMVMD101</b>  | 4-Way Diffuser | 225x225mm | 370x370mm |
| <b>GMVMD102</b>  | 4-Way Diffuser | 300x300mm | 445x445mm |
| <b>GMVMD103A</b> | 4-Way Diffuser | 375x375mm | 520x520mm |

**4-Way Ceiling Diffuser c/w OBD**



- White as standard
- High quality 4-way aluminium diffuser with removable core for ease of cleaning
- Diffuser necks are undersized to fit into ductwork
- 30mm border for surface mounting
- C/W OBD (Opposed Blade Damper)

| Part No          | Description            | Neck Size | Face Size |
|------------------|------------------------|-----------|-----------|
| <b>GMVMD100D</b> | 4-Way Diffuser c/w OBD | 150x150mm | 295x295mm |
| <b>GMVMD101D</b> | 4-Way Diffuser c/w OBD | 225x225mm | 370x370mm |
| <b>GMVMD102D</b> | 4-Way Diffuser c/w OBD | 300x300mm | 445x445mm |



**Swirl Diffuser**



- White as standard
- Swirl diffuser creates a strong horizontal swirl ensuring a good mix of ambient air
- For supply air
- Recommended plenum is VPR107MS

| Part No         | Description    | Neck Size | Face Size |
|-----------------|----------------|-----------|-----------|
| <b>GMVMD107</b> | Swirl Diffuser | 530mm Dia | 595x595mm |



**Metal Eggcrate Grilles**

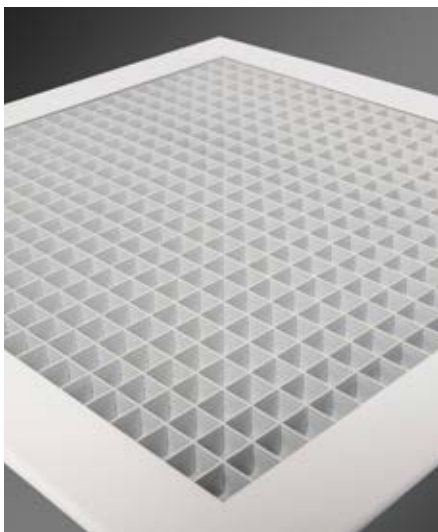


- White as standard
- Lattice core with a 13mm pitch suitable for all exhaust applications

| Part No         | Description     | Neck Size | Plenum   |
|-----------------|-----------------|-----------|----------|
| <b>GMVE150M</b> | Eggcrate Grille | 150x150mm | VP1515MS |
| <b>GMVE250M</b> | Eggcrate Grille | 250x250mm | VP2525MS |
| <b>GMVE300M</b> | Eggcrate Grille | 300x300mm | VP3030MS |



**Ceiling Tile Metal Eggcrate Grille**



- White as standard
- Lattice core with a 13mm pitch suitable for all exhaust applications

| Part No        | Description                        | Neck Size | Face Size | Plenum   |
|----------------|------------------------------------|-----------|-----------|----------|
| <b>GMVE600</b> | Ceiling Tile Metal Eggcrate Grille | 550x550mm | 595x595mm | VP5555MS |

**Ceiling Tile Metal Eggcrate Grille c/w Removable Filter**



- White as standard
- Lattice core with a 13mm pitch suitable for all exhaust applications
- Filter is easily removed for maintenance or replacement
- Ideally suited to environments where regular maintenance of the filter media is a concern
- Often used as access hatches

| Part No        | Description                                   | Neck Size | Face Size | Plenum   |
|----------------|---|-----------|-----------|----------|
| <b>GMVE601</b> | Ceiling Tile Metal Eggcrate Grille c/w Filter | 550x550mm | 595x595mm | VP5555MS |
| <b>GMVE602</b> | Replacement Filter                            |           | 595x595mm |          |

**Round Plastic Plenum Box**



- Designed to be used with swirl diffuser GMVMD107
- Perfectly fits round the round neck of the swirl diffuser maintaining a constant airflow

| Part No         | Description  | Neck Size | Spigot Size   |
|-----------------|--------------|-----------|---------------|
| <b>VPR107MS</b> | Round Plenum | 530mm     | 150,200,250mm |

**Top Entry Plastic Plenum Box**



| Part No         | Description | Size      | Spigot Dia |
|-----------------|-------------|-----------|------------|
| <b>VP454515</b> | Plenum Box  | 450x450mm | 150mm      |
| <b>VP454520</b> | Plenum Box  | 450x450mm | 200mm      |
| <b>VP454525</b> | Plenum Box  | 450x450mm | 250mm      |
| <b>VP555520</b> | Plenum Box  | 550x550mm | 200mm      |

- A range of lightweight plastic plenums for most popular diffuser combinations
- Plenum depth 100mm

**Top Entry Plastic Multi-Spigot Plenum Box**

- A range of lightweight plastic plenums for most popular diffuser combinations
- Multi-spigot option can be cut down to suit several spigot sizes
- Plenum depth 100mm

| Part No         | Description | Size      | Spigot Dia    |
|-----------------|-------------|-----------|---------------|
| <b>VP1515MS</b> | Plenum Box  | 150x150mm | 100,150mm     |
| <b>VP2020MS</b> | Plenum Box  | 200x200mm | 100,150,200mm |
| <b>VP2222MS</b> | Plenum Box  | 225x225mm | 100,150,200mm |
| <b>VP2525MS</b> | Plenum Box  | 250x250mm | 100,150,200mm |
| <b>VP3030MS</b> | Plenum Box  | 300x300mm | 100,150,200mm |
| <b>VP4545MS</b> | Plenum Box  | 450x450mm | 100,150,200mm |
| <b>VP5555MS</b> | Plenum Box  | 550x550mm | 150,200,250mm |



### 150mm Top Entry Steel Plenum Box

- Zinc plated steel with spot welded & primed seam joints

| Part No          | Description                | Plenum Box Size | Spigot Diameter |
|------------------|----------------------------|-----------------|-----------------|
| <b>VM151510T</b> | Top Entry Steel Plenum Box | 150mm x 150mm   | 100mm           |



### 450mm Side Entry Steel Plenum Box

- Zinc plated steel with spot welded & primed seam joints

| Part No         | Description                 | Plenum Box Size | Spigot Diameter |
|-----------------|-----------------------------|-----------------|-----------------|
| <b>VM454515</b> | Side Entry Steel Plenum Box | 450mm x 450mm   | 150mm           |



### 200mm Top Entry Steel Plenum Box

- Zinc plated steel with spot welded & primed seam joints

| Part No          | Description                | Plenum Box Size | Spigot Diameter |
|------------------|----------------------------|-----------------|-----------------|
| <b>VM202015T</b> | Top Entry Steel Plenum Box | 200mm x 200mm   | 150mm           |



### 450mm Side Entry Steel Plenum Box

- Zinc plated steel with spot welded & primed seam joints

| Part No         | Description                 | Plenum Box Size | Spigot Diameter |
|-----------------|-----------------------------|-----------------|-----------------|
| <b>VM454520</b> | Side Entry Steel Plenum Box | 450mm x 450mm   | 200mm           |



### 300mm Top Entry Steel Plenum Box

- Zinc plated steel with spot welded & primed seam joints

| Part No          | Description                | Plenum Box Size | Spigot Diameter |
|------------------|----------------------------|-----------------|-----------------|
| <b>VM303020T</b> | Top Entry Steel Plenum Box | 300mm x 300mm   | 200mm           |



### 450mm Side Entry Steel Plenum Box

- Zinc plated steel with spot welded & primed seam joints

| Part No         | Description                 | Plenum Box Size | Spigot Diameter |
|-----------------|-----------------------------|-----------------|-----------------|
| <b>VM454525</b> | Side Entry Steel Plenum Box | 450mm x 450mm   | 250mm           |



### 450mm Top Entry Steel Plenum Box

- Zinc plated steel with spot welded & primed seam joints

| Part No          | Description                | Plenum Box Size | Spigot Diameter |
|------------------|----------------------------|-----------------|-----------------|
| <b>VM454520T</b> | Top Entry Steel Plenum Box | 450mm x 450mm   | 200mm           |



### 560mm Side Entry Steel Plenum Box

- Zinc plated steel with spot welded & primed seam joints

| Part No         | Description                 | Plenum Box Size | Spigot Diameter |
|-----------------|-----------------------------|-----------------|-----------------|
| <b>VM565615</b> | Side Entry Steel Plenum Box | 560mm x 560mm   | 150mm           |



### 450mm Top Entry Steel Plenum Box

- Zinc plated steel with spot welded & primed seam joints

| Part No          | Description                | Plenum Box Size | Spigot Diameter |
|------------------|----------------------------|-----------------|-----------------|
| <b>VM454525T</b> | Top Entry Steel Plenum Box | 450mm x 450mm   | 250mm           |



### 560mm Side Entry Steel Plenum Box

- Zinc plated steel with spot welded & primed seam joints

| Part No         | Description                 | Plenum Box Size | Spigot Diameter |
|-----------------|-----------------------------|-----------------|-----------------|
| <b>VM565620</b> | Side Entry Steel Plenum Box | 560mm x 560mm   | 200mm           |



### Metal Supply Air Valve

- White as standard
- Middle is adjustable to control air flow
- Supplied c/w mounting ring

| Part No       | Description            | Size  |
|---------------|------------------------|-------|
| <b>GMVA50</b> | Metal Supply Air Valve | 100mm |
| <b>GMVA51</b> | Metal Supply Air Valve | 125mm |
| <b>GMVA52</b> | Metal Supply Air Valve | 150mm |
| <b>GMVA54</b> | Metal Supply Air Valve | 200mm |



### Metal Exhaust Air Valve

- White as standard
- Middle is adjustable to control air flow
- Supplied c/w mounting ring

| Part No       | Description             | Size  |
|---------------|-------------------------|-------|
| <b>GMVA58</b> | Metal Exhaust Air Valve | 100mm |
| <b>GMVA59</b> | Metal Exhaust Air Valve | 125mm |
| <b>GMVA60</b> | Metal Exhaust Air Valve | 150mm |
| <b>GMVA62</b> | Metal Exhaust Air Valve | 200mm |



### Plastic Air Valve

- White plastic
- Middle is adjustable to control air flow
- Suitable for supply & exhaust applications

| Part No        | Description       | Size  |
|----------------|-------------------|-------|
| <b>GMVA58P</b> | Plastic Air Valve | 100mm |
| <b>GMVA59P</b> | Plastic Air Valve | 125mm |
| <b>GMVA60P</b> | Plastic Air Valve | 150mm |
| <b>GMVA62P</b> | Plastic Air Valve | 200mm |



### Fire Rated Metal Supply Air Valve

- Meets the requirements of Building Regulations
- Maintains integrity of Fire Rated ceilings for up to 60 minutes
- Fits in the same way as a normal air valve
- Air flow is unaffected
- Easy to retro fit in place of existing valves

| Part No       | Description                       | Size  |
|---------------|-----------------------------------|-------|
| <b>GMVA70</b> | Fire Rated Metal Supply Air Valve | 100mm |
| <b>GMVA71</b> | Fire Rated Metal Supply Air Valve | 125mm |
| <b>GMVA72</b> | Fire Rated Metal Supply Air Valve | 150mm |
| <b>GMVA73</b> | Fire Rated Metal Supply Air Valve | 200mm |



### Fire Rated Metal Exhaust Air Valve

- Meets the requirements of Building Regulations
- Maintains integrity of Fire Rated ceilings for up to 60 minutes
- Fits in the same way as a normal air valve
- Air flow is unaffected
- Easy to retro fit in place of existing valves

| Part No       | Description                        | Size  |
|---------------|------------------------------------|-------|
| <b>GMVA74</b> | Fire Rated Metal Extract Air Valve | 100mm |
| <b>GMVA75</b> | Fire Rated Metal Extract Air Valve | 125mm |
| <b>GMVA76</b> | Fire Rated Metal Extract Air Valve | 150mm |
| <b>GMVA77</b> | Fire Rated Metal Extract Air Valve | 200mm |



### Ring Leader Air Valve Fixing Ring



- Suitable for solid ceilings and ceiling tiles

| Part No        | Description                       | Size  |
|----------------|-----------------------------------|-------|
| <b>GMRL100</b> | Ring Leader Air Valve Fixing Ring | 100mm |
| <b>GMRL125</b> | Ring Leader Air Valve Fixing Ring | 125mm |
| <b>GMRL150</b> | Ring Leader Air Valve Fixing Ring | 150mm |
| <b>GMRL200</b> | Ring Leader Air Valve Fixing Ring | 200mm |

The innovative RING LEADER® air valve fixing ring solves an ancient installation aggravation experienced by all HVAC engineers – Fitting Ventilation Air Valves!



### Metal Circular Diffuser



- White as standard
- Can operate with constant and changeable air flow
- Light and easily assembled



| Part No         | Description       | Neck Size | Face Size |
|-----------------|-------------------|-----------|-----------|
| <b>GMVMD199</b> | Circular Diffuser | 150mm Dia | 238mm Dia |
| <b>GMVMD200</b> | Circular Diffuser | 200mm Dia | 307mm Dia |
| <b>GMVMD201</b> | Circular Diffuser | 250mm Dia | 357mm Dia |
| <b>GMVMD202</b> | Circular Diffuser | 300mm Dia | 407mm Dia |

### Neck Adapters

- Made from galvanised steel sheet
- c/w 2 screws which fix to the diffuser



| Part No          | Description  | Neck Size |
|------------------|--------------|-----------|
| <b>GMVMD150N</b> | Neck Adapter | 150mm Dia |
| <b>GMVMD200N</b> | Neck Adapter | 200mm Dia |
| <b>GMVMD250N</b> | Neck Adapter | 250mm Dia |
| <b>GMVMD300N</b> | Neck Adapter | 300mm Dia |



### External Weather Louvre



- Extruded aluminium
- Bird mesh fitted as standard

| Part No         | Description             | Neck Size |
|-----------------|-------------------------|-----------|
| <b>GMVWL200</b> | External Weather Louvre | 200x200mm |
| <b>GMVWL250</b> | External Weather Louvre | 250x250mm |
| <b>GMVWL300</b> | External Weather Louvre | 300x300mm |
| <b>GMVWL450</b> | External Weather Louvre | 450x450mm |



### Cast Circular Weather Louvre



- Cast aluminium
- c/w mesh

| Part No          | Description                  | Neck Size |
|------------------|------------------------------|-----------|
| <b>GMVWL100C</b> | Cast Circular Weather Louvre | 100mm     |
| <b>GMVWL125C</b> | Cast Circular Weather Louvre | 125mm     |
| <b>GMVWL150C</b> | Cast Circular Weather Louvre | 150mm     |
| <b>GMVWL200C</b> | Cast Circular Weather Louvre | 200mm     |
| <b>GMVWL250C</b> | Cast Circular Weather Louvre | 250mm     |
| <b>GMVWL315C</b> | Cast Circular Weather Louvre | 315mm     |



### Uninsulated Flexi Ducting

| Part No       | Description            | Size        | Qty  |
|---------------|------------------------|-------------|------|
| <b>GMVF1</b>  | Uninsulated Flexi Duct | 100mm (4")  | 10mt |
| <b>GMVF2</b>  | Uninsulated Flexi Duct | 125mm (5")  | 10mt |
| <b>GMVF3</b>  | Uninsulated Flexi Duct | 150mm (6")  | 10mt |
| <b>GMVF4</b>  | Uninsulated Flexi Duct | 160mm       | 10mt |
| <b>GMVF5</b>  | Uninsulated Flexi Duct | 200mm (8")  | 10mt |
| <b>GMVF6</b>  | Uninsulated Flexi Duct | 250mm (10") | 10mt |
| <b>GMVF14</b> | Uninsulated Flexi Duct | 305mm (12") | 10mt |



- Uninsulated flexible ducting made from multi-ply aluminium and polyester laminate
- Fire resistant - tested to and complies with BS476 parts 6,7 & 20

### Combi Flexi Ducting

- PVC coated flexible duct
- Temperature range from -5°C to 90°C

| Part No        | Description      | Size        | Qty |
|----------------|------------------|-------------|-----|
| <b>GMVF16P</b> | Combi Flexi Duct | 100mm (4")  | 6mt |
| <b>GMVF17P</b> | Combi Flexi Duct | 125mm (5")  | 6mt |
| <b>GMVF18P</b> | Combi Flexi Duct | 150mm (6")  | 6mt |
| <b>GMVF20P</b> | Combi Flexi Duct | 200mm (8")  | 6mt |
| <b>GMVF21P</b> | Combi Flexi Duct | 250mm (10") | 6mt |



### Hose Banding & Locks



- 9mm continuously threaded stainless steel band with one piece locks

| Part No      | Description        | Size      |
|--------------|--------------------|-----------|
| <b>GMVA1</b> | Hose Banding       | 30mt reel |
| <b>GMVA2</b> | Hose Banding Locks | pk50      |



### Quick Release Hose Clips



- Quick release for rapid application and removal

| Part No      | Description              | Size         |
|--------------|--------------------------|--------------|
| <b>GMVA3</b> | Quick Release Hose Clips | 60mm - 180mm |
| <b>GMVA4</b> | Quick Release Hose Clips | 60mm - 325mm |



### Insulated Flexi Ducting

| Part No       | Description          | Size        | Qty  |
|---------------|----------------------|-------------|------|
| <b>GMVF16</b> | Insulated Flexi Duct | 100mm (4")  | 10mt |
| <b>GMVF17</b> | Insulated Flexi Duct | 125mm (5")  | 10mt |
| <b>GMVF18</b> | Insulated Flexi Duct | 150mm (6")  | 10mt |
| <b>GMVF19</b> | Insulated Flexi Duct | 160mm       | 10mt |
| <b>GMVF20</b> | Insulated Flexi Duct | 200mm (8")  | 10mt |
| <b>GMVF21</b> | Insulated Flexi Duct | 250mm (10") | 10mt |
| <b>GMVF27</b> | Insulated Flexi Duct | 305mm (12") | 10mt |
| <b>GMVF22</b> | Insulated Flexi Duct | 315mm       | 10mt |
| <b>GMVF23</b> | Insulated Flexi Duct | 355mm (14") | 10mt |



- Insulated flexible ducting made from multi-ply aluminium and polyester laminate
- A transparent interliner between the inner duct and the fibreglass prevents migration into the air system