

# Displacement Ventilation Diffusers

Models SD1, SD2, SD3, and SD6

## Features

- 4 Standard Models
- Corner
- Circular
- Semi – Circular
- Rectangular
- Steel and Aluminium Construction



# Air Diffusion

Grilles Diffusers Louvres Chilled Beams

Ruskin Air Management Limited  
[www.ruskinuk.co.uk](http://www.ruskinuk.co.uk)

## Contents

---

|                                 | <b>Page</b>  |
|---------------------------------|--------------|
| Introduction                    | Page 2       |
| Model Types                     | Page 2 and 3 |
| Accessories                     | Page 4       |
| Application and Selection Guide | Page 5 - 9   |
| Dimension Information           | Page 10 - 11 |
| Ordering Information            | Page 12      |

---

## Introduction

### Introduction

Displacement ventilation systems, as the name implies, rely on a displacement process of the supply air into the occupied zone. Typically the supply air is introduced at low level and at a low velocity to displace the room air and provide layers of cool fresh air in the occupied zone while the extract removes stale air at high level. Supply air temperature differentials are normally low and offer the opportunity to take advantage of using fresh air based on “free cooling” for much of the year.

The SD range of displacement diffusers are ideally suited for use in areas with high heat loads requiring air volumes up to 2800 l/s. By using the effects of convection to lift the supply air from heat sources, whilst at the same time removing any pollutants, the air is then extracted at high level, thus creating an even temperature, draught free, clean environment.

Four conventional shapes are available, Corner, Semi-Circular, Circular and Rectangular. More unconventional Trapezoidal and Hexagonal shapes are also available, on request.

**Model SD-1** Corner

**Model SD-2** Semi Circular

**Model SD-3** Circular

**Model SD-6** Rectangular

The diffusers are constructed from steel and aluminium with the active area constructed from 5.5mm circular perforated aluminium giving a 37% free area or 10mm square perforated aluminium giving a 69% free area, the remainder of the unit is from sheet steel. A complete range of accessories is available including, spigot dampers, peripheral or bag filters, dividing rings and air direction vanes.

The standard colour is White RAL9010 30% gloss although other colours and finishes are available on special request.

## Displacement Ventilation Diffusers

### Model Types

All model types are available in 6 standard nominal sizes;

**400, 600, 800, 1000, 1500 and 2000**

and 6 standard heights;

**750, 1000, 1250, 1500, 2000 and 2500.**

Each model type is available in 6 different versions,

**Supplied with 37% free area 5.5mm round mesh facia as standard**

**F1** – Plain without filters,

**F2** – Fitted with a cone shaped bag filter,

**F5** – With dividing rings.

**Supplied with 69% free area 10mm square mesh facia as standard**

**F3** – Fitted with a peripheral filter media,

**F4** – Fitted with both a cone bag filter and peripheral filter media,

**F6** – Fitted with peripheral filter media and dividing rings.

**Model SD-1 Corner**



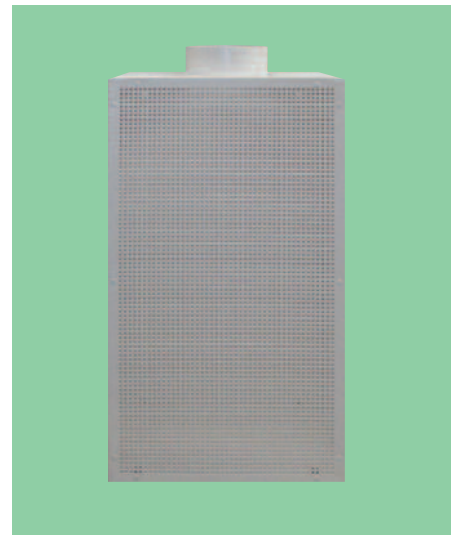
**Model SD-2 Semi Circular**



**Model SD-3 Circular**

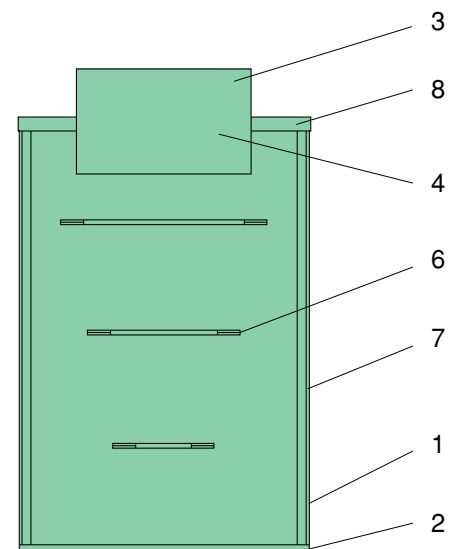
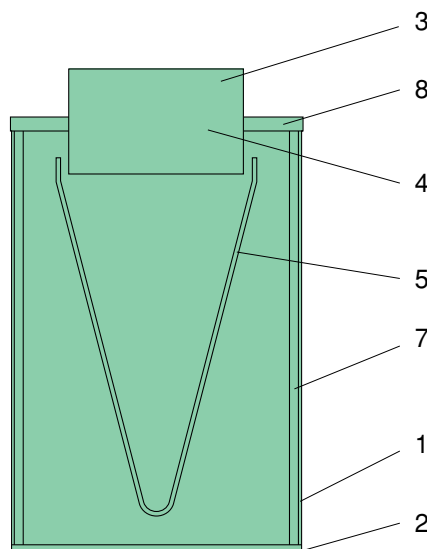


**Model SD-6 Rectangular**



### Model Components

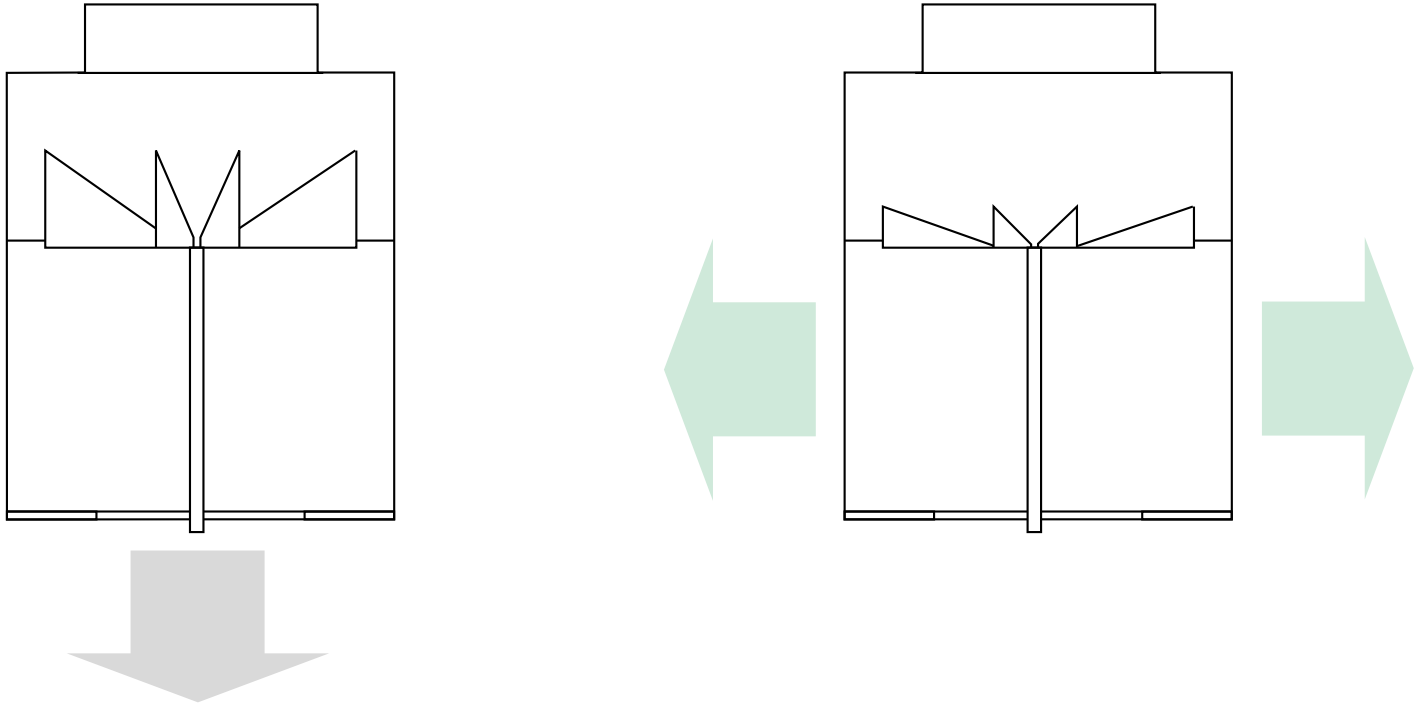
1. Perforated Face
2. Bottom Section
3. Circular Inlet Spigot
4. Flap Damper (when requested)
5. Cone Shaped Bag Filter
6. Dividing Rings
7. Peripheral Filter Media
8. Top Section



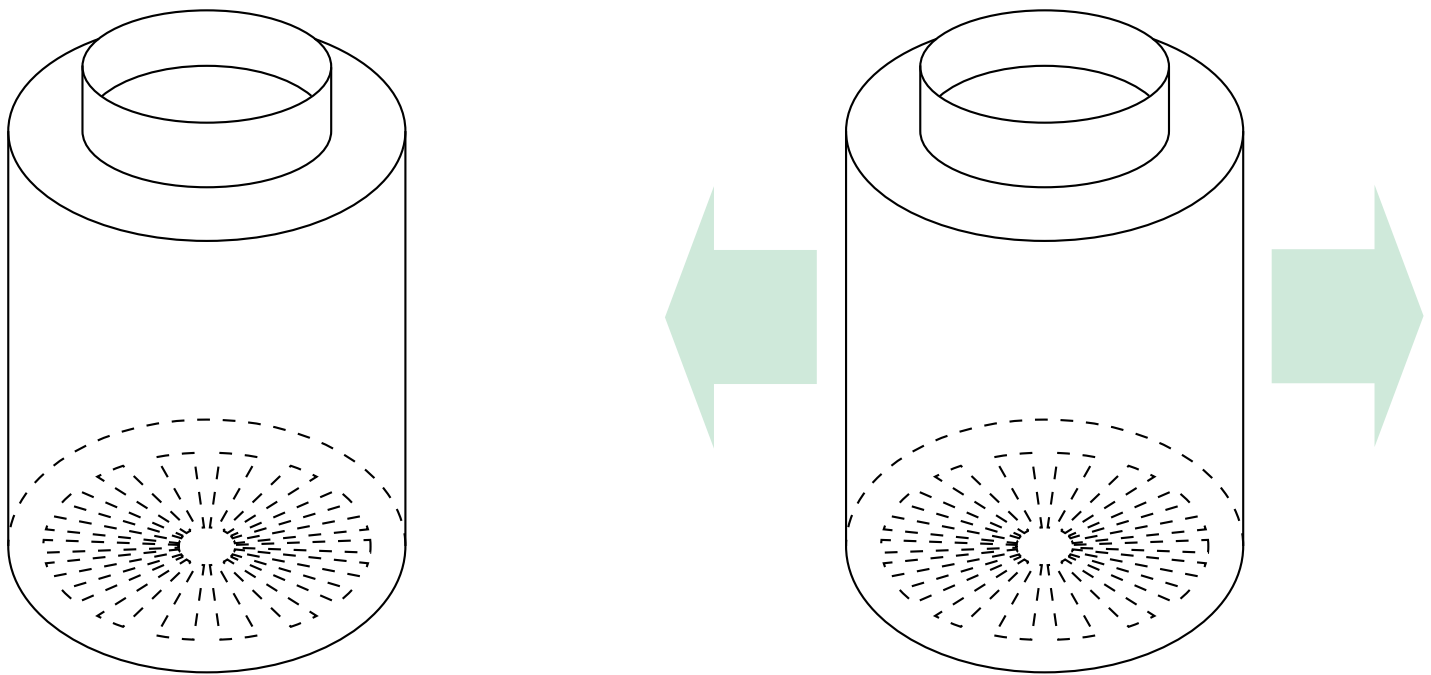
### Accessories

---

Air Direction Adjustment Vanes - Model SD-3 Only (Type R1)



Air Direction Adjustment Vanes and Control Damper - Model SD-3 Only (Type R2)



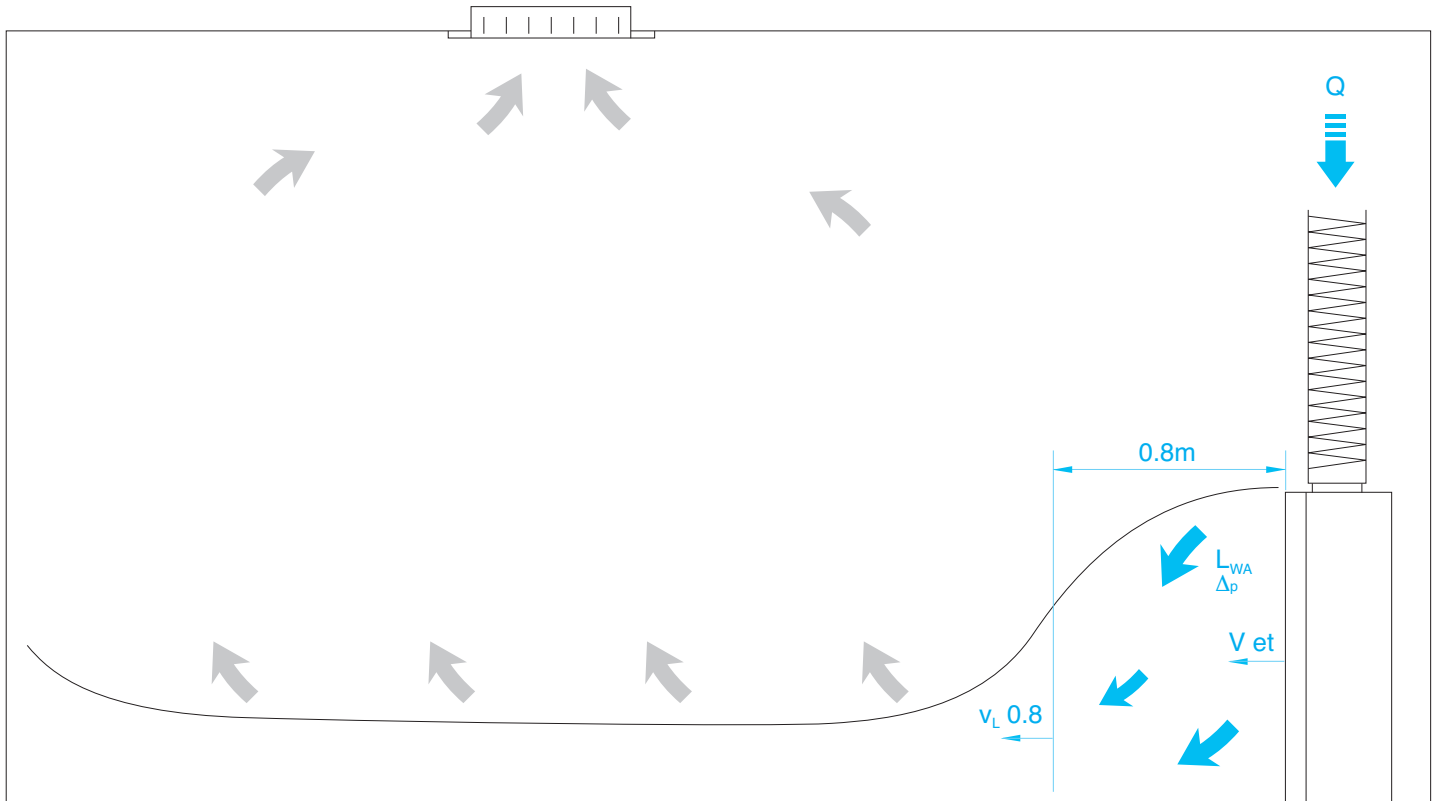
Volume control damper opened

Volume control damper closed



# Application and Selection Guide

## Typical Application Layout



- Q (l/s)** Air flow rate.
- $v_L$  (m/s)** Supplied air velocity at the throw distance  $L=0.8$  m.
- $v_{ef}$**  Effective discharge air velocity.
- $\Delta t_z$  (K)** Temperature difference between supply and room air.
- $\Delta t_L$  (K)** Temperature difference air jet and room temperature.
- $\Delta p_t$  (Pa)** Pressure drop.
- $L_{WA}$  (db(A))** Sound power level.

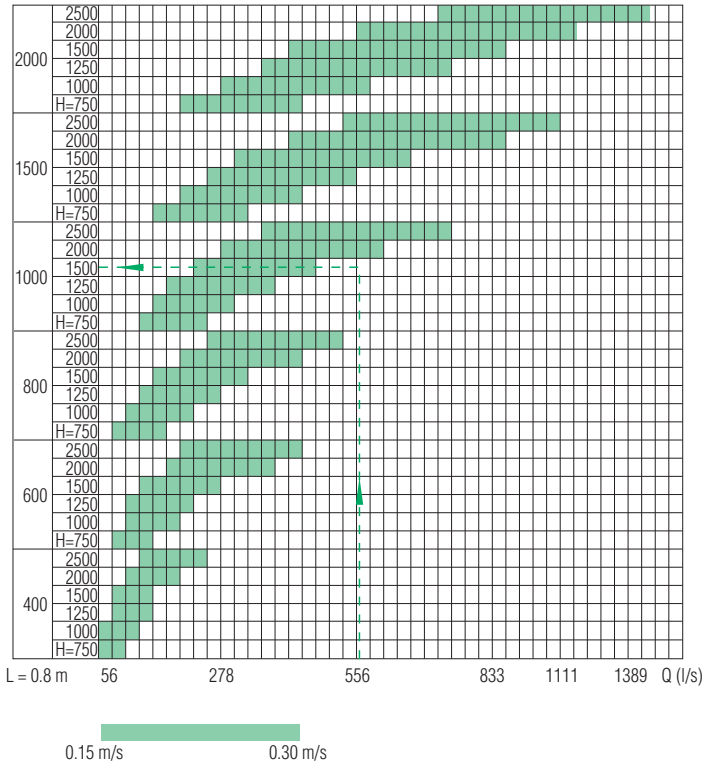
### Codes for Correction Factors in Selection Guide

- F1:** Plain without filters
- F2:** Fitted with cone shaped bag filter
- F3:** Fitted with peripheral filter media
- F4:** Fitted with with both a cone bag filter and peripheral filter media
- F5:** With dividing rings
- F6:** Fitted with peripheral filter media and dividing rings

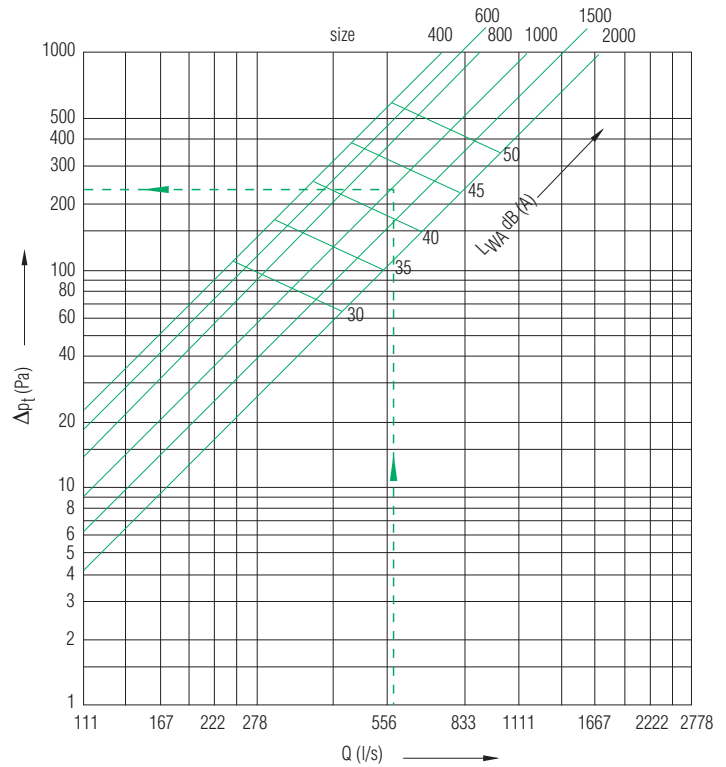
### Selection Guide

#### SD - 1 Technical Data

Diagrams to determine the supplied air velocity of the throw distance L=0.8m



Pressure drop and noise level diagrams



#### KF Correction Factor Table

| Correction                         | Size | 750  | 1000 | 1250 | 1500        | 2000 | 2500 |
|------------------------------------|------|------|------|------|-------------|------|------|
| $\Delta p_t$<br>for the type<br>F3 | 400  | 1.44 | 1.00 | 0.80 | 0.26        | 0.16 | 0.11 |
|                                    | 600  | 1.10 | 1.00 | 0.96 | 0.28        | 0.26 | 0.25 |
|                                    | 800  | 1.06 | 1.00 | 0.97 | 0.29        | 0.27 | 0.27 |
|                                    | 1000 | 1.10 | 1.00 | 0.96 | <b>0.33</b> | 0.31 | 0.30 |
|                                    | 1500 | 1.04 | 1.00 | 0.98 | 0.34        | 0.33 | 0.33 |
| $\Delta p_t$<br>for the type<br>F1 | 400  | 1.02 | 1.00 | 0.99 | 0.38        | 0.38 | 0.37 |
|                                    | 600  | 0.55 | 0.51 | 0.50 | 0.05        | 0.04 | 0.04 |
|                                    | 800  | 0.56 | 0.51 | 0.49 | 0.14        | 0.13 | 0.13 |
|                                    | 1000 | 0.93 | 0.93 | 0.93 | 0.26        | 0.26 | 0.26 |
|                                    | 1500 | 0.90 | 0.89 | 0.89 | <b>0.28</b> | 0.28 | 0.28 |
| $\Delta p_t$<br>for the type<br>F4 | 2000 | 0.96 | 0.95 | 0.95 | 0.32        | 0.32 | 0.32 |
|                                    | 400  | 2.33 | 1.42 | 1.11 | 0.47        | 0.28 | 0.19 |
|                                    | 600  | 1.30 | 1.11 | 1.03 | 0.33        | 0.28 | 0.26 |
|                                    | 800  | 1.19 | 1.07 | 1.02 | 0.32        | 0.29 | 0.28 |
|                                    | 1000 | 1.29 | 1.11 | 1.02 | <b>0.38</b> | 0.33 | 0.31 |
|                                    | 1500 | 1.13 | 1.05 | 1.01 | 0.36        | 0.34 | 0.34 |
|                                    | 2000 | 1.06 | 1.02 | 1.01 | 0.39        | 0.38 | 0.38 |

| Size | 400   | 600   | 800   | 1000         | 1500  | 2000  |
|------|-------|-------|-------|--------------|-------|-------|
| L(m) | 0.214 | 0.406 | 0.502 | <b>0.718</b> | 1.066 | 1.400 |

Calculation of free area  $A_{ef}$ :

$$A_{ef} = L \times H \times 0.6944 \text{ (m}^2\text{)} \quad L - \text{from the table}$$

$$A_{ef} = L \times H \times 0.37 \text{ (m}^2\text{)} \quad \text{for the versions F1, F2, and F5 (without filter) and mantle perforation with round openings.}$$

#### Example calculations

$$Q = 556 \text{ l/s}$$

We select size 1000; H = 1500

$$A_{ef} = 0.718 \times 1.5 \times 0.6944 = 0.748 \text{ (m}^2\text{)}$$

$$v_{ef} = Q / A_{ef} = \frac{0.556}{0.748} = 0.74 \text{ m/s}$$

$$L_{WA} = 42 \text{ dB(A)}$$

Pressure drop:

Type F3

$$\Delta p_t = \text{from the diagram} \times \text{KF (for H = 1500)} = 230 \times 0.33 = 75.9 \text{ Pa}$$

Type F1

$$\Delta p_t = \text{from the diagram} \times \text{KF (for H = 1500)} = 230 \times 0.28 = 64.4 \text{ Pa}$$

Type F4

$$\Delta p_t = \text{from the diagram} \times \text{KF (for H = 1500)} = 230 \times 0.38 = 87.4 \text{ Pa}$$

Q (l/s) Air flow rate

$v_L$  (m/s) Supplied air velocity at the throw distance L = 0.8m

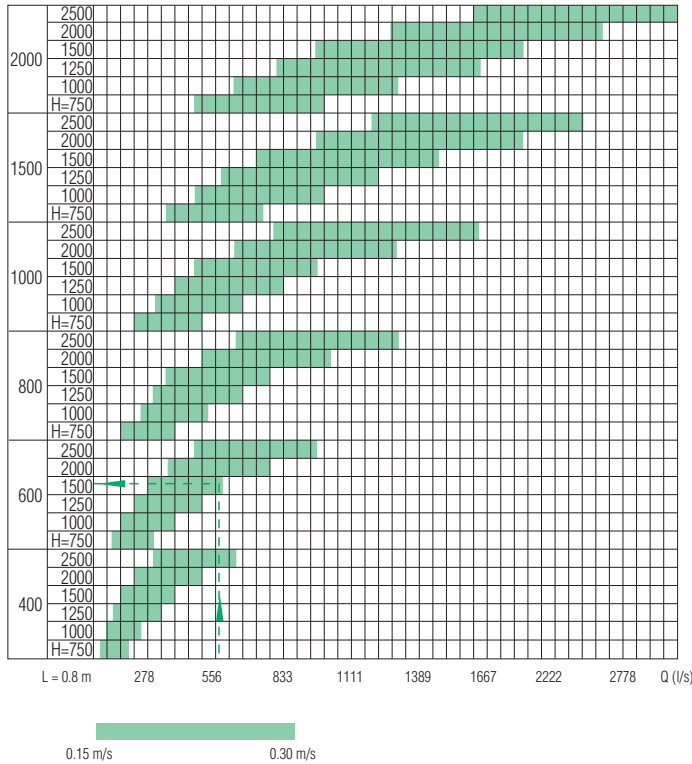
$\Delta p_t$  (Pa) Pressure drop

$L_{WA}$  (dB (A)) Sound power level

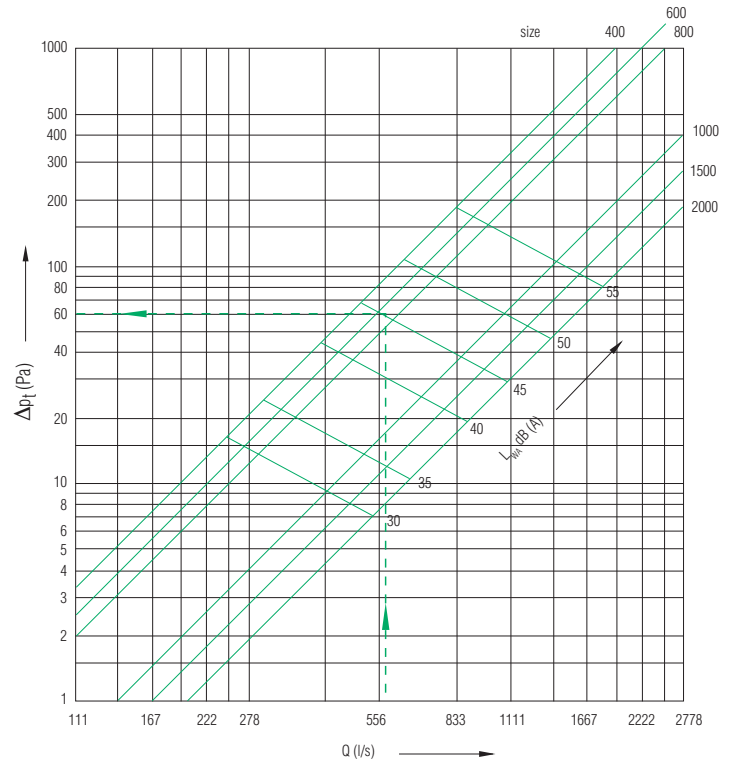
# Selection Guide

### SD - 2 Technical Data

Diagrams to determine the supplied air velocity of the throw distance  $L=0.8m$



Pressure drop and noise level diagrams



### KF Correction Factor Table

| Correction                         | Size | 750  | 1000 | 1250 | 1500        | 2000 | 2500 |
|------------------------------------|------|------|------|------|-------------|------|------|
| $\Delta p_t$<br>for the type<br>F3 | 400  | 1.43 | 1.00 | 0.81 | 0.28        | 0.18 | 0.13 |
|                                    | 600  | 1.15 | 1.00 | 0.93 | <b>0.32</b> | 0.29 | 0.27 |
|                                    | 800  | 1.08 | 1.00 | 0.97 | 0.35        | 0.33 | 0.33 |
|                                    | 1000 | 1.30 | 1.00 | 0.87 | 0.33        | 0.26 | 0.23 |
|                                    | 1500 | 1.13 | 1.00 | 0.94 | 0.36        | 0.33 | 0.32 |
|                                    | 2000 | 1.07 | 1.00 | 0.97 | 0.38        | 0.36 | 0.36 |
| $\Delta p_t$<br>for the type<br>F1 | 400  | 0.56 | 0.52 | 0.51 | 0.07        | 0.07 | 0.06 |
|                                    | 600  | 0.58 | 0.84 | 0.83 | <b>0.25</b> | 0.25 | 0.25 |
|                                    | 800  | 0.92 | 0.92 | 0.91 | 0.32        | 0.31 | 0.31 |
|                                    | 1000 | 0.69 | 0.67 | 0.66 | 0.18        | 0.18 | 0.18 |
|                                    | 1500 | 0.87 | 0.86 | 0.86 | 0.30        | 0.30 | 0.30 |
|                                    | 2000 | 0.93 | 0.92 | 0.92 | 0.35        | 0.34 | 0.34 |
| $\Delta p_t$<br>for the type<br>F4 | 400  | 2.30 | 1.48 | 1.11 | 0.19        | 0.29 | 0.21 |
|                                    | 600  | 1.44 | 1.16 | 1.04 | <b>0.39</b> | 0.33 | 0.30 |
|                                    | 800  | 1.23 | 1.08 | 1.02 | 0.39        | 0.35 | 0.34 |
|                                    | 1000 | 1.91 | 1.33 | 1.08 | 0.47        | 0.34 | 0.28 |
|                                    | 1500 | 1.38 | 1.14 | 1.03 | 0.42        | 0.36 | 0.34 |
|                                    | 2000 | 1.21 | 1.08 | 1.02 | 0.41        | 0.36 | 0.37 |

| Size | 400   | 600          | 800   | 1000  | 1500  | 2000  |
|------|-------|--------------|-------|-------|-------|-------|
| L(m) | 0.598 | <b>0.920</b> | 1.228 | 1.550 | 2.334 | 3.120 |

Calculation of free area  $A_{ef}$ :

$$A_{ef} = L \times H \times 0.6944 \text{ (m}^2\text{)} \quad L - \text{from the table}$$

$$A_{ef} = L \times H \times 0.37 \text{ (m}^2\text{)} \quad \text{for the versions F1, F2, and F5 (without filter) and mantle perforation with round openings.}$$

### Example calculations

$$Q = 556 \text{ l/s}$$

We select size 600;  $H = 1500$

$$A_{ef} = 0.92 \times 1.5 \times 0.6944 = 0.958 \text{ (m}^2\text{)}$$

$$v_{ef} = Q / A_{ef} = \frac{0.556}{0.958} = 0.58 \text{ m/s}$$

$$L_{WA} = 45 \text{ dB(A)}$$

**Pressure drop:**

**Type F3**

$$\Delta p_t = \text{from the diagram} \times \text{KF (for } H = 1500) = 60 \times 0.32 = 19.2 \text{ Pa}$$

**Type F1**

$$\Delta p_t = \text{from the diagram} \times \text{KF (for } H = 1500) = 60 \times 0.25 = 15.0 \text{ Pa}$$

**Type F4**

$$\Delta p_t = \text{from the diagram} \times \text{KF (for } H = 1500) = 60 \times 0.39 = 19.5 \text{ Pa}$$

**Q (l/s)** Air flow rate

**$v_L$  (m/s)** Supplied air velocity at the throw distance  $L = 0.8m$

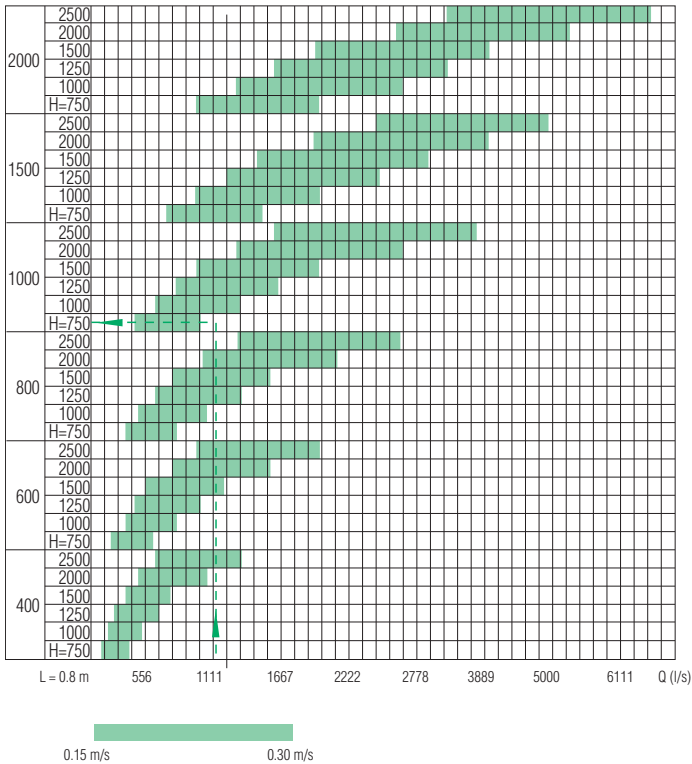
**$\Delta p_t$  (Pa)** Pressure drop

**$L_{WA}$  (dB (A))** Sound power level

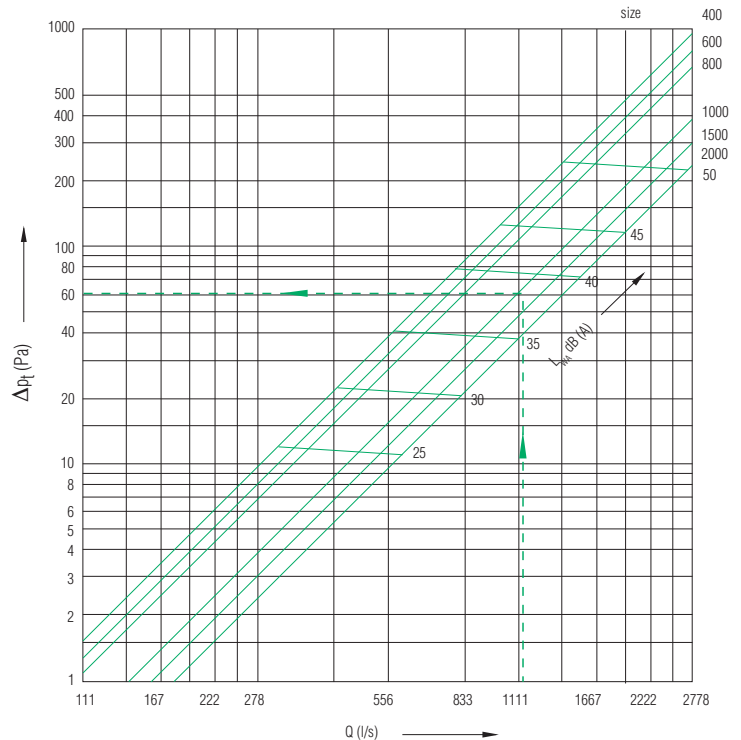
## Selection Guide

### SD - 3 Technical Data

Diagrams to determine the supplied air velocity of the throw distance L=0.8m



Pressure drop and noise level diagrams



### KF Correction Factor Table

| Correction                 | Size | 750         | 1000 | 1250 | 1500 | 2000 | 2500 |
|----------------------------|------|-------------|------|------|------|------|------|
| <b>Δpt for the type F3</b> | 400  | 1.47        | 1.00 | 0.79 | 0.36 | 0.26 | 0.21 |
|                            | 600  | 1.11        | 1.00 | 0.95 | 0.55 | 0.52 | 0.51 |
|                            | 800  | 1.05        | 1.00 | 0.98 | 0.61 | 0.59 | 0.59 |
|                            | 1000 | <b>1.05</b> | 1.00 | 0.98 | 0.19 | 0.18 | 0.17 |
|                            | 1500 | 1.02        | 1.00 | 0.99 | 0.22 | 0.21 | 0.21 |
|                            | 2000 | 1.01        | 1.00 | 1.00 | 0.23 | 0.22 | 0.22 |
| <b>Δpt for the type F1</b> | 400  | 0.51        | 0.48 | 0.46 | 0.14 | 0.13 | 0.13 |
|                            | 600  | 0.88        | 0.87 | 0.87 | 0.49 | 0.49 | 0.49 |
|                            | 800  | 0.95        | 0.94 | 0.94 | 0.58 | 0.58 | 0.58 |
|                            | 1000 | <b>0.95</b> | 0.95 | 0.95 | 0.17 | 0.17 | 0.17 |
|                            | 1500 | 0.98        | 0.98 | 0.98 | 0.21 | 0.21 | 0.21 |
|                            | 2000 | 0.99        | 0.99 | 0.99 | 0.22 | 0.22 | 0.22 |
| <b>Δpt for the type F4</b> | 400  | 2.42        | 1.52 | 1.12 | 0.59 | 0.38 | 0.29 |
|                            | 600  | 1.34        | 1.13 | 1.03 | 0.60 | 0.55 | 0.53 |
|                            | 800  | 1.15        | 1.06 | 1.01 | 0.63 | 0.61 | 0.60 |
|                            | 1000 | <b>1.14</b> | 1.05 | 1.01 | 0.21 | 0.19 | 0.18 |
|                            | 1500 | 1.05        | 1.02 | 1.00 | 0.22 | 0.22 | 0.21 |
|                            | 2000 | 1.03        | 1.01 | 1.00 | 0.23 | 0.23 | 0.22 |

Calculation of free area  $A_{ef}$ :

$$A_{ef} = A \times \pi \times H \times 0.6944 \text{ (m}^2\text{) } A - \text{size (m)}$$

$A_{ef} = A \times \pi \times H \times 0.37 \text{ (m}^2\text{) for the versions F1, F2, and F5 (without filter) and mantle perforation with round openings.}$

### Example calculations

$$Q = 1111 \text{ l/s}$$

We select size 1000; H = 750

$$A_{ef} = 1 \times \pi \times 0.75 \times 0.6944 = 1.64 \text{ (m}^2\text{)}$$

$$v_{ef} = Q / A_{ef} = \frac{1.111}{1.64} = 0.68 \text{ m/s}$$

$$L_{WA} = 37 \text{ dB(A)}$$

**Pressure drop:**

**Type F3**

$$\Delta p_t = \text{from the diagram} \times \text{KF (for H = 750)} = 60 \times 1.05 = 63.0 \text{ Pa}$$

**Type F1**

$$\Delta p_t = \text{from the diagram} \times \text{KF (for H = 750)} = 60 \times 0.95 = 57.0 \text{ Pa}$$

**Type F4**

$$\Delta p_t = \text{from the diagram} \times \text{KF (for H = 750)} = 60 \times 1.14 = 68.4 \text{ Pa}$$

**Q (l/s)** Air flow rate

**$v_L$  (m/s)** Supplied air velocity at the throw distance L = 0.8m

**$\Delta p_t$  (Pa)** Pressure drop

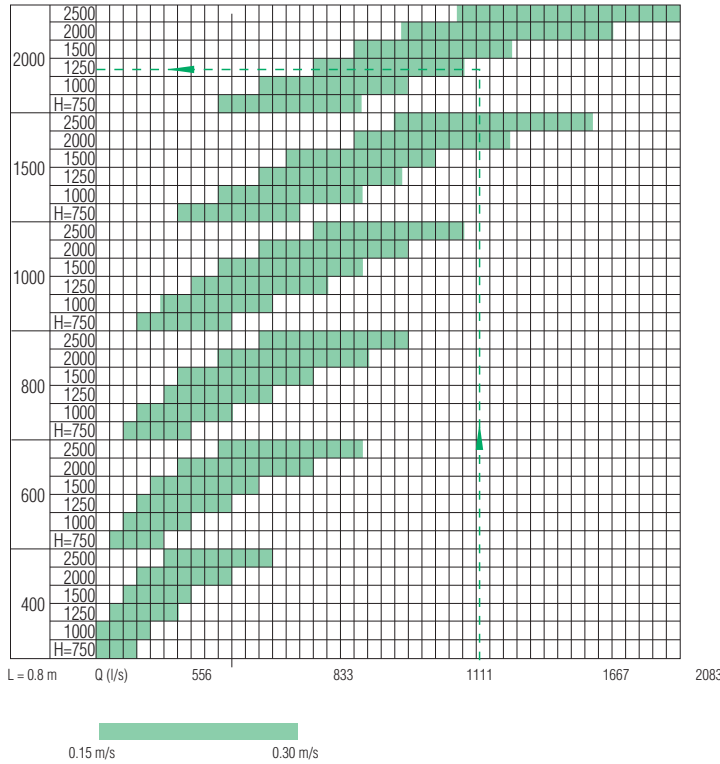
**$L_{WA}$  (dB (A))** Sound power level



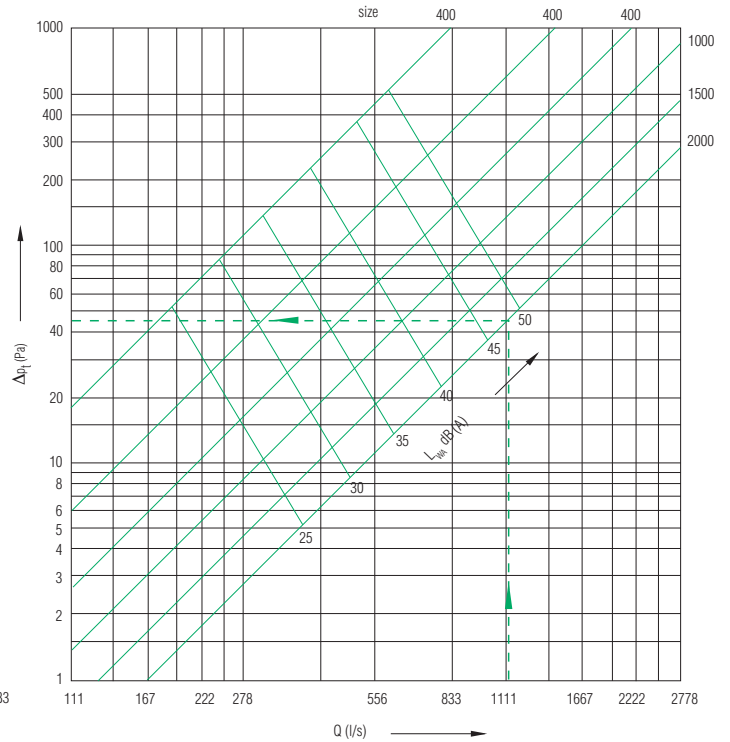
# Selection Guide

## SD - 6 Technical Data

Diagrams to determine the supplied air velocity of the throw distance L=0.8m



Pressure drop and noise level diagrams



### KF Correction Factor Table

| Correction                 | Size | 750  | 1000 | 1250        | 1500 | 2000 | 2500 |
|----------------------------|------|------|------|-------------|------|------|------|
| <b>Δpt for the type F3</b> | 400  | 1.11 | 1.00 | 0.95        | 0.93 | 0.90 | 0.89 |
|                            | 600  | 1.14 | 1.00 | 0.94        | 0.90 | 0.87 | 0.86 |
|                            | 800  | 1.18 | 1.00 | 0.92        | 0.88 | 0.83 | 0.82 |
|                            | 1000 | 1.22 | 1.00 | 0.90        | 0.85 | 0.79 | 0.77 |
|                            | 1500 | 1.18 | 1.00 | 0.92        | 0.88 | 0.84 | 0.82 |
| <b>Δpt for the type F1</b> | 2000 | 1.17 | 1.00 | <b>0.92</b> | 0.89 | 0.85 | 0.83 |
|                            | 400  | 0.89 | 0.88 | 0.88        | 0.88 | 0.87 | 0.87 |
|                            | 600  | 0.85 | 0.84 | 0.84        | 0.84 | 0.83 | 0.83 |
|                            | 800  | 0.81 | 0.80 | 0.79        | 0.79 | 0.79 | 0.78 |
|                            | 1000 | 0.77 | 0.75 | 0.74        | 0.74 | 0.74 | 0.83 |
| <b>Δpt for the type F4</b> | 1500 | 0.81 | 0.80 | 0.79        | 0.79 | 0.79 | 0.78 |
|                            | 2000 | 0.83 | 0.81 | <b>0.81</b> | 0.80 | 0.80 | 0.73 |
|                            | 400  | 1.32 | 1.12 | 1.03        | 0.98 | 0.93 | 0.79 |
|                            | 600  | 1.42 | 1.16 | 1.04        | 0.97 | 0.91 | 0.80 |
|                            | 800  | 1.55 | 1.20 | 1.05        | 0.96 | 0.88 | 0.91 |
|                            | 1000 | 1.68 | 1.25 | 1.06        | 0.95 | 0.85 | 0.88 |
|                            | 1500 | 1.55 | 1.20 | 1.05        | 0.96 | 0.88 | 0.85 |
|                            | 2000 | 1.51 | 1.19 | <b>1.04</b> | 0.97 | 0.89 | 0.86 |

Calculation of free area A<sub>ef</sub>:

$$A_{ef} = A \times H \times 0.6944 \text{ (m}^2\text{) } A - \text{Size (m)}$$

A<sub>ef</sub> = A x H x 0.37 (m<sup>2</sup>) for the versions F1, F2, and F5 (without filter) and mantle perforation with round openings.

### Example calculations

$$Q = 1111 \text{ l/s}$$

We select size 2000; H = 1250

$$A_{ef} = 2 \times 1.25 \times 0.6944 = 1.74 \text{ (m}^2\text{)}$$

$$v_{ef} = Q / A_{ef} = \frac{1.111}{1.74} = 0.64 \text{ m/s}$$

$$L_{WA} = 48 \text{ dB(A)}$$

#### Pressure drop:

##### Type F3

$$\Delta p_t = \text{from the diagram} \times \text{KF (for H = 1250)} = 45 \times 0.92 = 41.4 \text{ Pa}$$

##### Type F1

$$\Delta p_t = \text{from the diagram} \times \text{KF (for H = 1250)} = 45 \times 0.81 = 36.4 \text{ Pa}$$

##### Type F4

$$\Delta p_t = \text{from the diagram} \times \text{KF (for H = 1250)} = 45 \times 1.04 = 46.8 \text{ Pa}$$

Q (l/s) Air flow rate

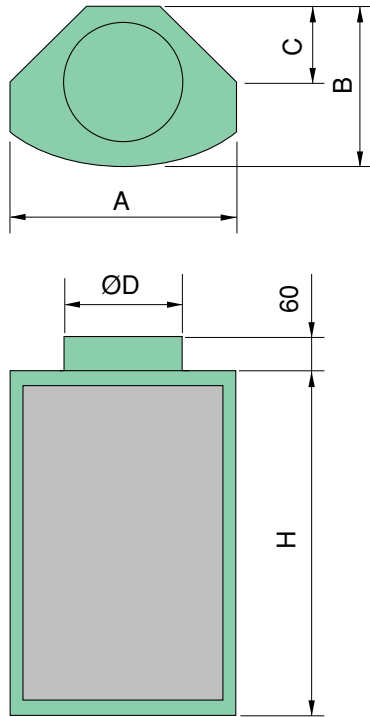
v<sub>L</sub> (m/s) Supplied air velocity at the throw distance L = 0.8m

Δp<sub>t</sub> (Pa) Pressure drop

L<sub>WA</sub> (dB (A)) Sound power level

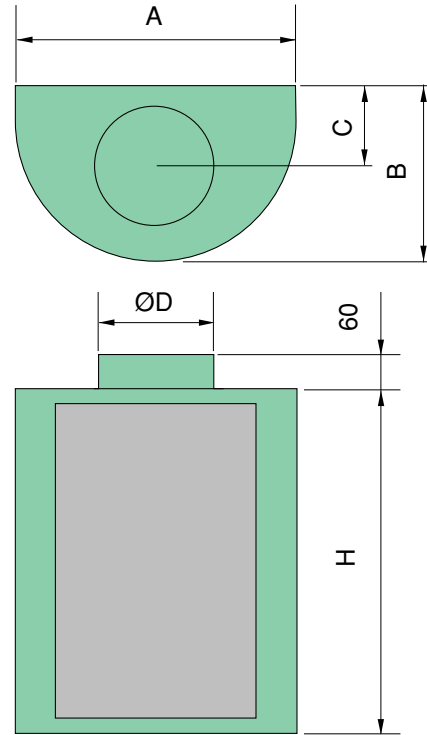
### Dimensions

SD-1 Corner



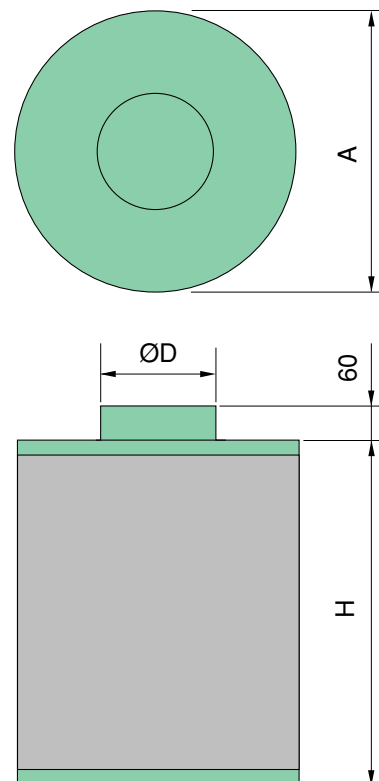
| Size | A    | B   | C   | ØD  | H    |
|------|------|-----|-----|-----|------|
| 400  | 283  | 180 | 100 | 123 | 750  |
| 600  | 424  | 275 | 135 | 148 | 1000 |
| 800  | 566  | 300 | 150 | 178 | 1250 |
| 1000 | 707  | 400 | 200 | 198 | 1500 |
| 1500 | 1061 | 450 | 220 | 248 | 2000 |
| 2000 | 1414 | 700 | 350 | 298 | 2500 |

SD-2 Semi Circular



| Size | A    | B    | C   | ØD  |
|------|------|------|-----|-----|
| 400  | 400  | 320  | 150 | 178 |
| 600  | 600  | 470  | 230 | 198 |
| 800  | 800  | 570  | 250 | 248 |
| 1000 | 1000 | 620  | 280 | 298 |
| 1500 | 1500 | 870  | 350 | 348 |
| 2000 | 2000 | 1120 | 430 | 398 |

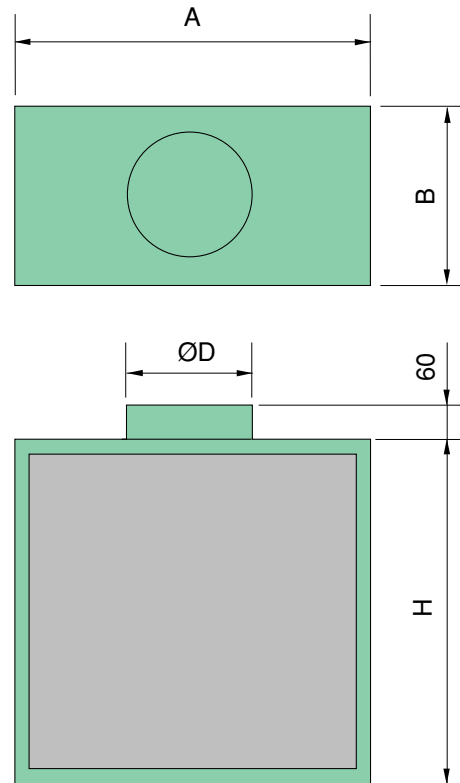
SD-3 Circular



| Size | A    | ØD  | H    |
|------|------|-----|------|
| 400  | 400  | 248 | 750  |
| 600  | 600  | 298 | 1000 |
| 800  | 800  | 348 | 1250 |
| 1000 | 1000 | 398 | 1500 |
| 1500 | 1500 | 498 | 2000 |
| 2000 | 2000 | 548 | 2500 |

## Dimensions

### SD-6 Rectangular



| Size | A    | B   | ØD  | H    |
|------|------|-----|-----|------|
| 400  | 400  | 200 | 148 | 750  |
| 600  | 600  | 250 | 178 | 1000 |
| 800  | 800  | 300 | 198 | 1250 |
| 1000 | 1000 | 350 | 248 | 1500 |
| 1500 | 1500 | 400 | 298 | 2000 |
| 2000 | 2000 | 450 | 313 | 2500 |

## Ordering Information

Example

| Type                         | Version   | Regulation  | (Standard) Size | (Standard) Height |
|------------------------------|---|---|-----------------|-------------------|
| SD-3                         | F1  | R1  | 400             | 750               |
| <b>SD-1</b> Corner           | <b>F1</b> – without filters.  | <b>R1</b> – Regulation with blades (available with Type SD-3)                 | <b>400</b>      | <b>750</b>        |
| <b>SD-2</b> Semi-cylindrical | <b>F2</b> – with the filter bag.  |   | <b>600</b>      | <b>1000</b>       |
| <b>SD-3</b> Cylindrical      | <b>F3</b> – with the peripheral filter.                                   |   | <b>800</b>      | <b>1250</b>       |
| <b>SD-6</b> Rectangular      | <b>F4</b> – with the filter bag and the peripheral filter.                | <b>R2</b> – Regulation with a flow control damper (available with Type SD-3). | <b>1000</b>     | <b>1500</b>       |
|                              | <b>F5</b> – With dividing rings without filters.                          |   | <b>1500</b>     | <b>2000</b>       |
|                              | <b>F6</b> – With dividing rings and peripheral filter.                    |   | <b>2000</b>     | <b>2500</b>       |
|                              | <b>Note:</b><br>Please refer to page 3 for type of perforated mesh facia. |   |                 |                   |

**Important Note:** All orders must be addressed to Air Diffusion, Ruskin Air Management Limited.

**Ruskin Air Management Limited  
is a BS EN ISO 9000 registered  
company.**

The statements made in this brochure or by our representatives in consequence of any enquiries arising out of this document are given for information purposes only. They are not intended to have any legal effect and the company is not to be regarded as bound thereby. The company will only accept obligations which are expressly negotiated for and agreed and incorporated into a written agreement made with its customers.

Due to a policy of continuous product development the specification and details contained herein are subject to alteration without prior notice.

**Comprehensive and detailed information  
is available for all Air Diffusion products.  
Visit our website at [www.air-diffusion.co.uk](http://www.air-diffusion.co.uk)**

## **Ruskin Air Management Limited**



Stourbridge Road, Bridgnorth, Shropshire,  
WV15 5BB England.  
Tel: 01746 761921  
Fax: 01746 760127  
Email: [sales@air-diffusion.co.uk](mailto:sales@air-diffusion.co.uk)  
Website: [www.air-diffusion.co.uk](http://www.air-diffusion.co.uk)

## **Air Diffusion**

Grilles Diffusers Louvres Chilled Beams