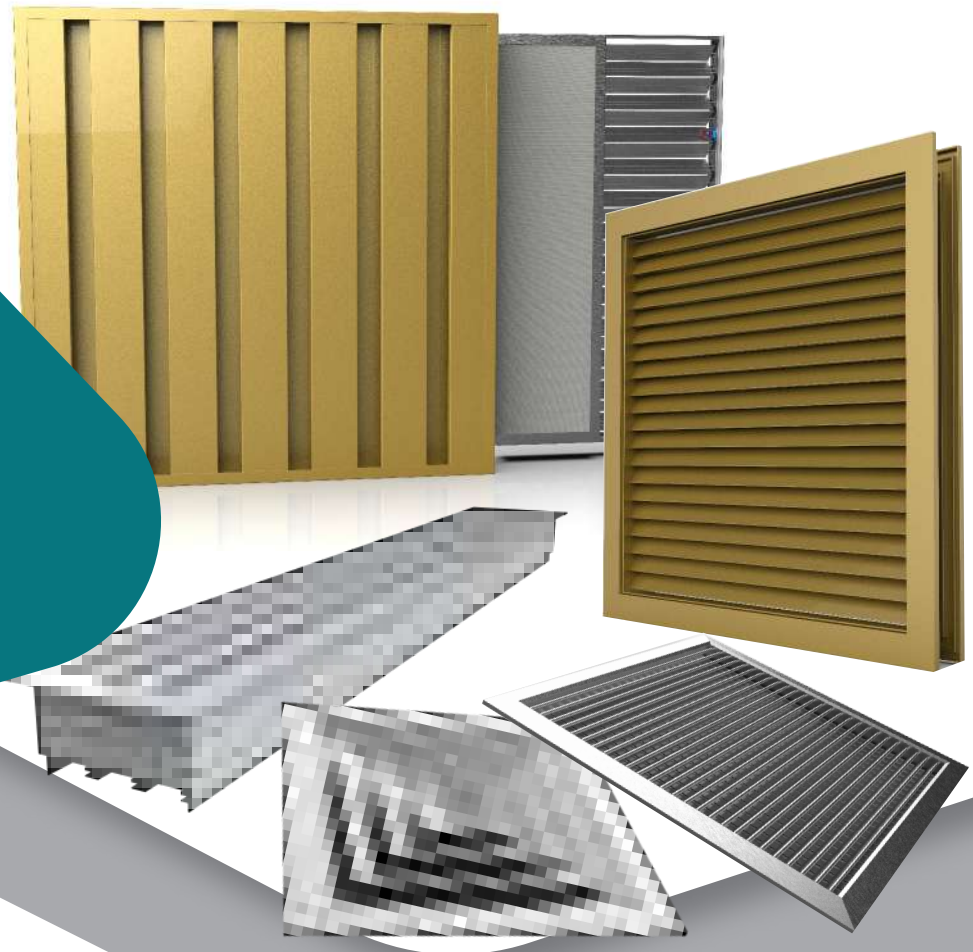




CASTLE
ENGINEERING
INDUSTRIES



AIR OUTLETS

AIR OUTLETS

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Disc Valve

Chapter 6

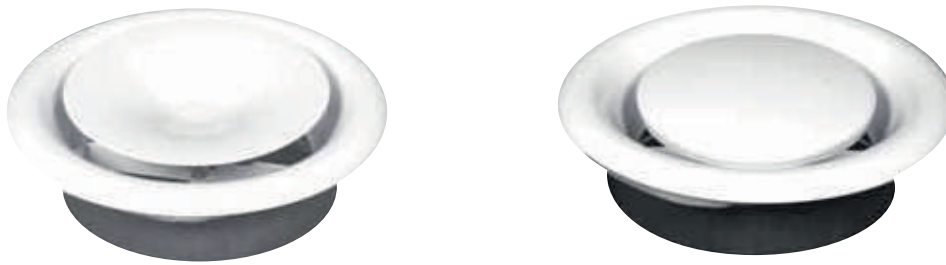
Table Of Content:

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Description

Disc / Air Valves are a pleasing terminal device which contains good appearance with a very accurate control over supply or exhaust air volumes.

The Disc Valves have been designed to provide a compact, clean and attractive means to ventilate (supply or exhaust) bathrooms, toilets, wash rooms, kitchens and other small rooms.



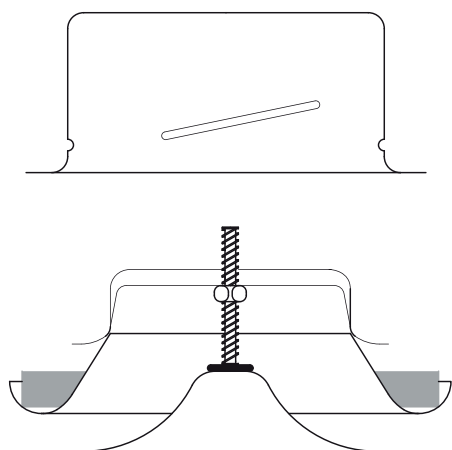
Features & Characteristics :

- Construction : outer ring and inner disc are manufactured from steel sheet and finished in durable white powder coating color to RAL – 9010 as standard.
- Fixing Collar or Mounting Ring is manufactured from galvanized steel sheet and supplied as a standard with no extra cost.
- Sponge Gasket : provided around the back side of the outer ring as a standard with no extra cost.
- They can provide relatively high air volumes whilst retaining good diffusion and low noise and pressure drop characteristics.
- The inner disc (core) is fully adjustable, its connected to the outer frame by threaded rod for accurate and easy adjustment.
- Fixing is obtained by twisting the valve body into the fixing collar until attaining a perfect seal utilizing the gasket provided.
- Valve adjustment is achieved by simply rotating the inner disc (core) inwards or outwards on its spindle and locking into its set position using the holding nut at the rear of the valve assembly.

Models

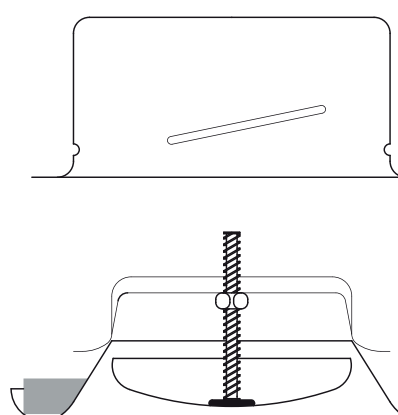
1) Supply Disc Valve (SDV)

with sizes 4,6,8,10 inches

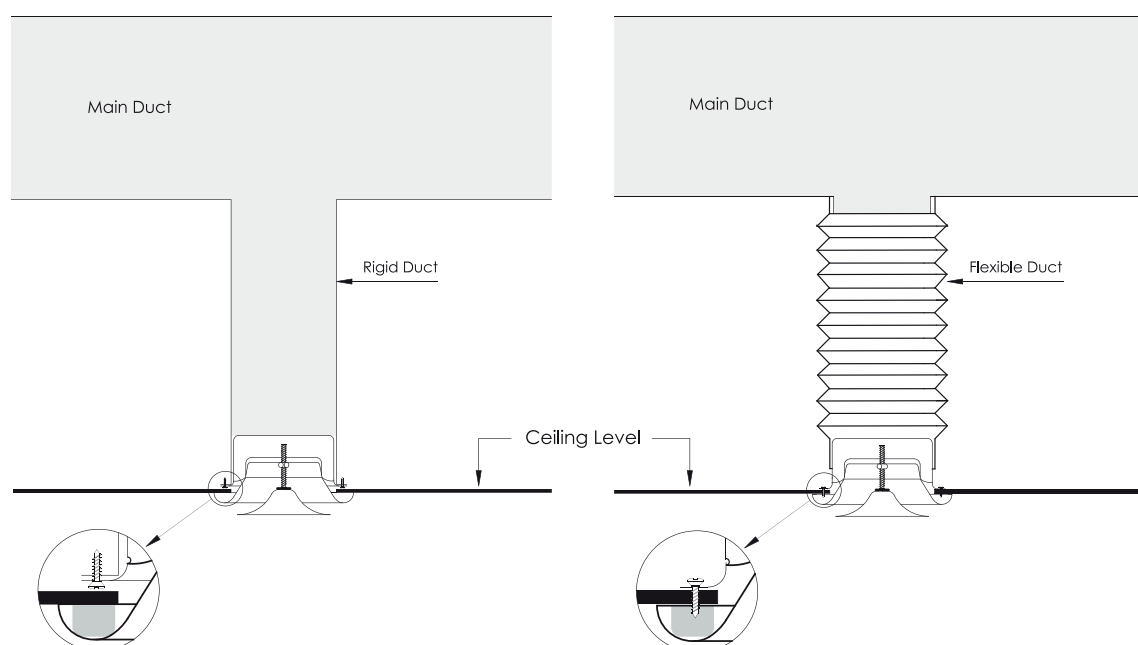


2) Return Disc Valve (RDV)

with sizes 4,6,8,10 inches

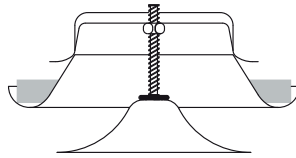


Mounting instructions

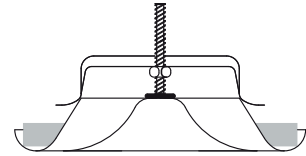


Mounting Types for supply models

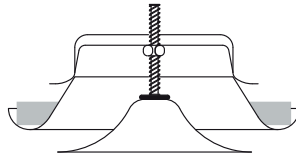
Level (+ 2)



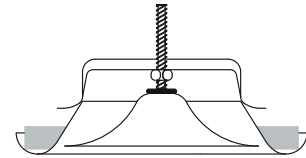
Level (0)



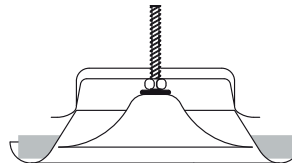
Level (+ 1)



Level (- 1)



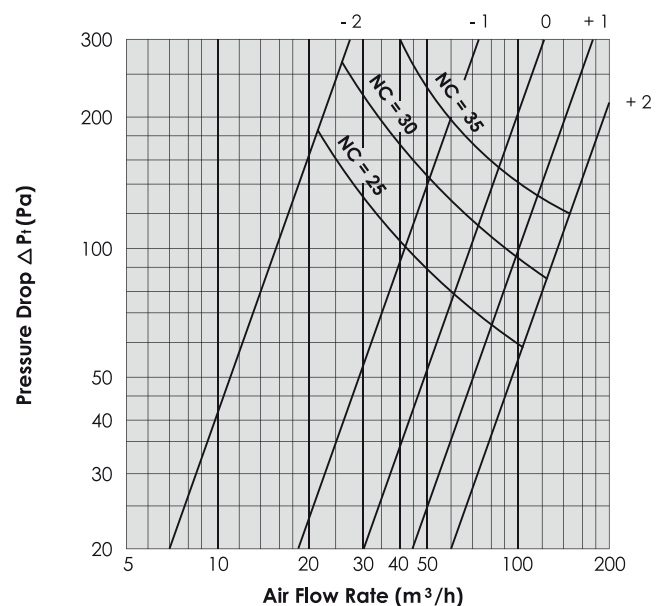
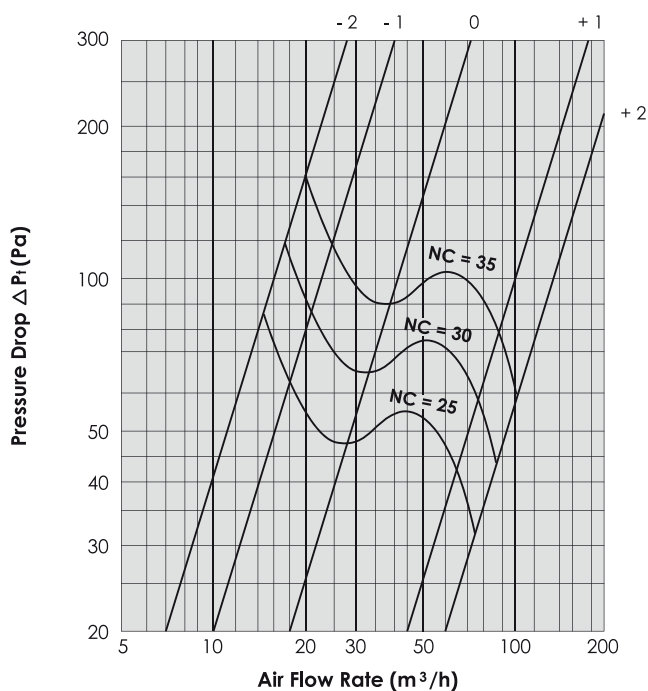
Level (- 2)



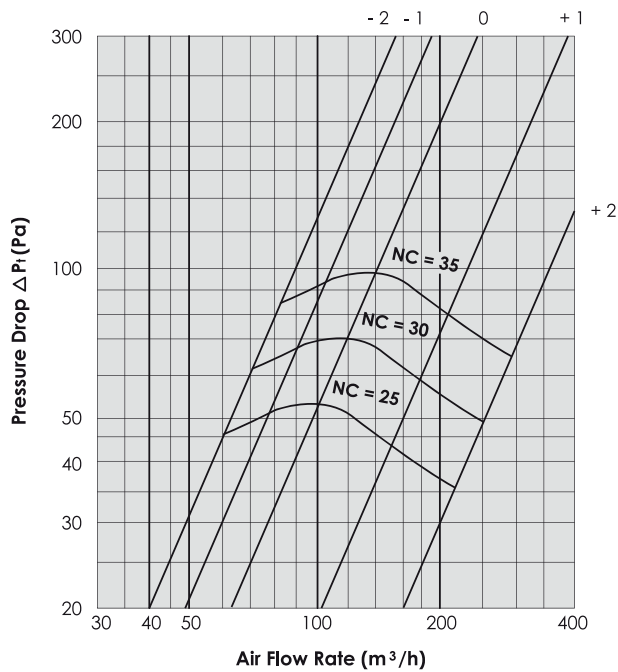
Performance data to every model

1) Supply Disc Valve Size 100mm (SDV100)

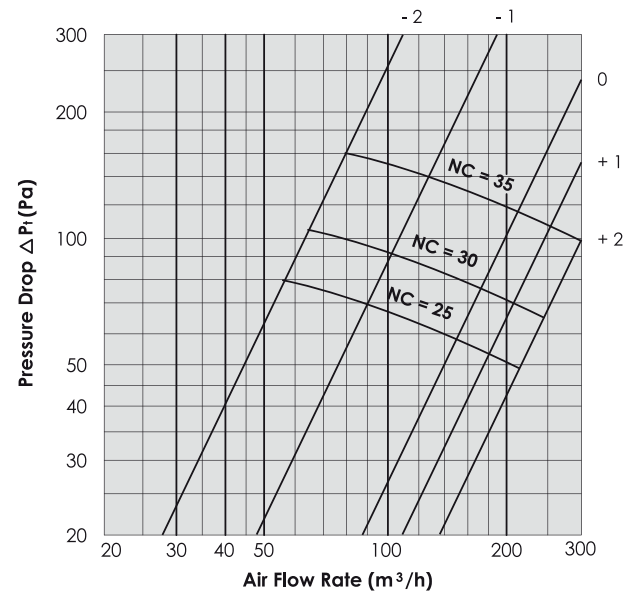
2) Supply Disc Valve Size 150mm (SDV150)



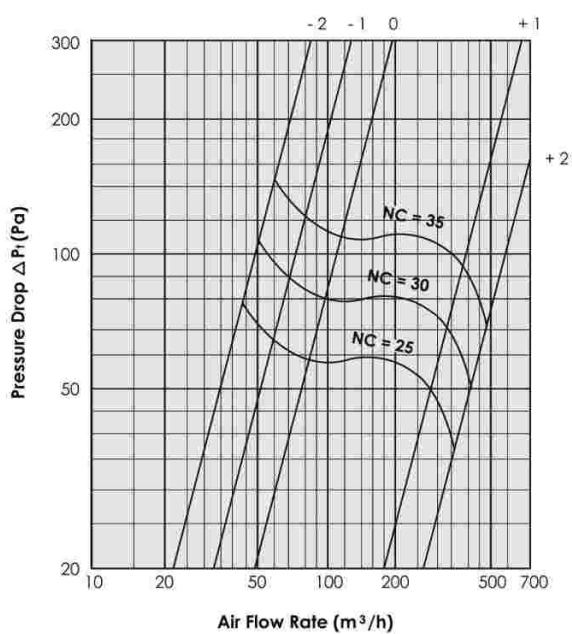
3) Supply Disc Valve Size 200mm (SDV200)



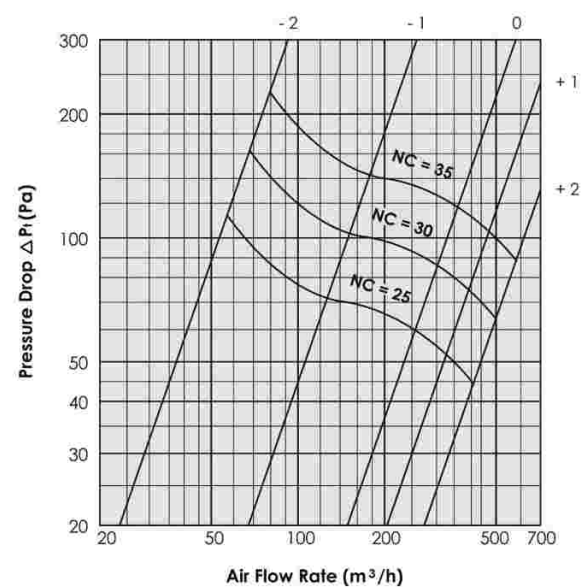
4) Return Disc Valve Size 100mm (RDV100)



5) Return Disc Valve Size 150mm (RDV150)



6) Return Disc Valve Size (RDV200)



Ordering Data

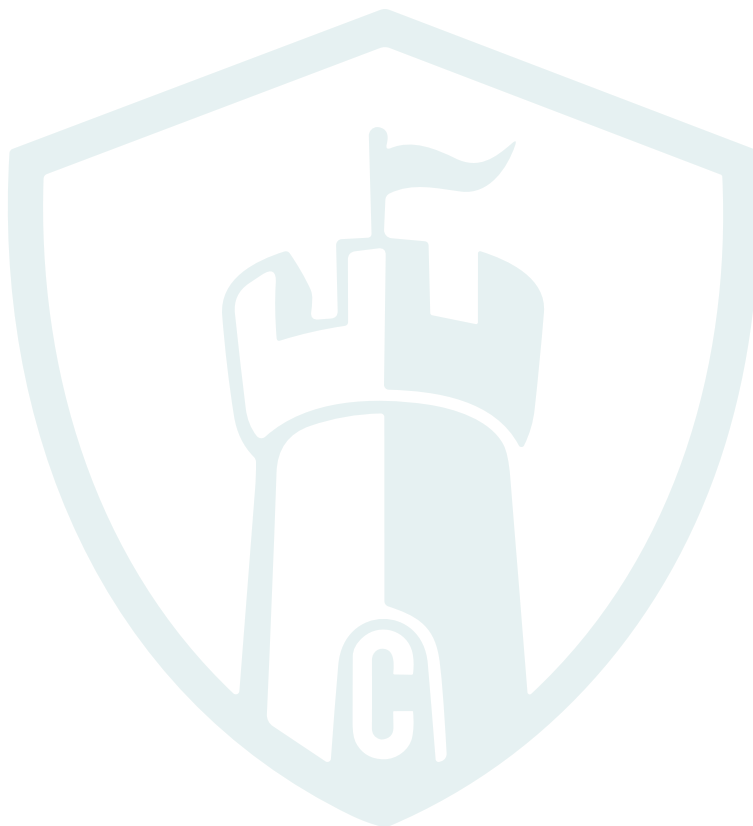
- **Available Surface Finishes for Disc Valves:**

- Powder Coated, Standard white colour to RAL - 9010, other optional colours if required to be provided in RAL .

- **Ordering Specifications:**

Specify:

1. Disc Valve Description / Model (Supply or Exhaust).
2. Nominal / Neck Diameter Size.
3. Quantity.
4. RAL - No. (colours other than RAL - 9010 to be charged extra).





CASTLE
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Contact Us

Address: 28km, Alex-Cairo Desert Road,
Abu Rawash Industrial Zone, Giza, Egypt.

Email: sales@castle-ei.com

Tel: +202 353 94394

Mob: +20 1288012995

Mob: +20 1281217517

Mob: +20 1273637171

Contact



Location

