

**SFU Supply/exhaust air valve**

SFU supply/exhaust valve for ceiling and wall installation. The air valve is suitable for homes as well as for offices.

- Adjustable pressure loss
- The valve attenuates duct noise
- Installation directly into a duct/fitting
- Available in sizes Ø 100-200 mm



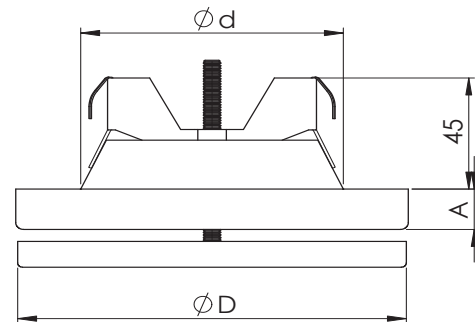
**Structure and dimensions**

SFU valves are manufactured of galvanized steel and coated with white paint (RAL 9003).

The valve body includes an elastic foam seal.

The disc is fixed to the body with threaded rod.

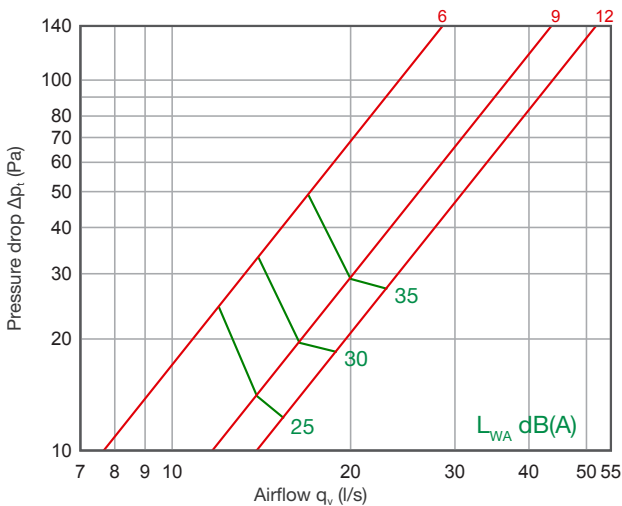
Size	ØD	A	Weight, kg
100	135	15	1,75
125	160	15	2,85
160	191	15	3,05
200	238	18	4,4



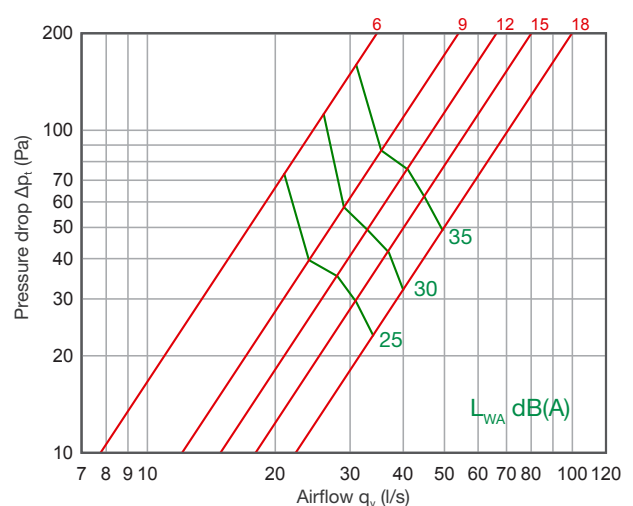
**Technical data**

**Supply air**

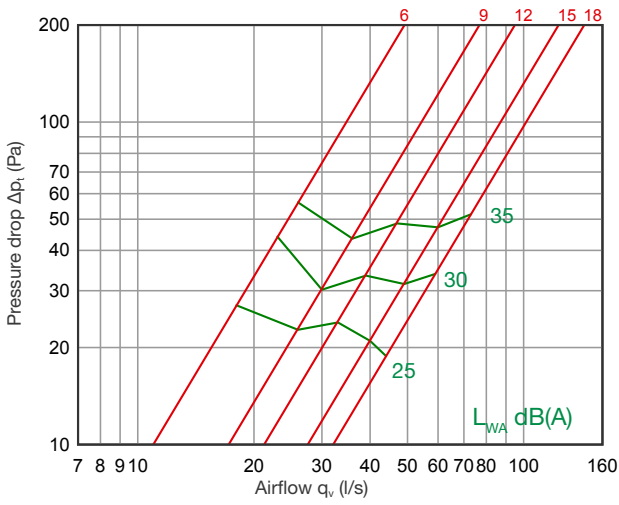
**SFU 100**



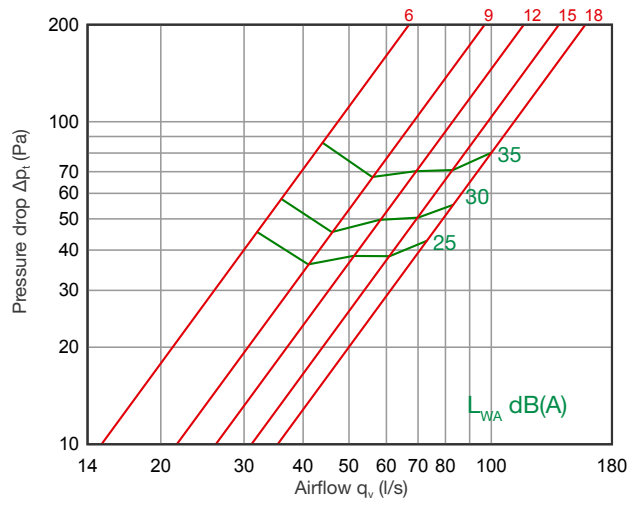
**SFU 125**



SFU 160

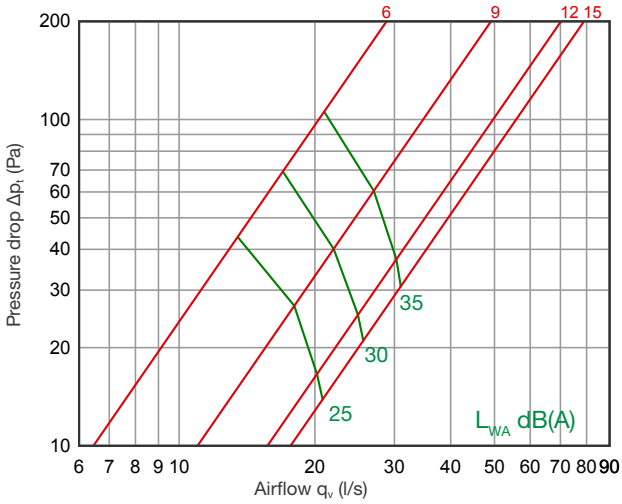


SFU 200

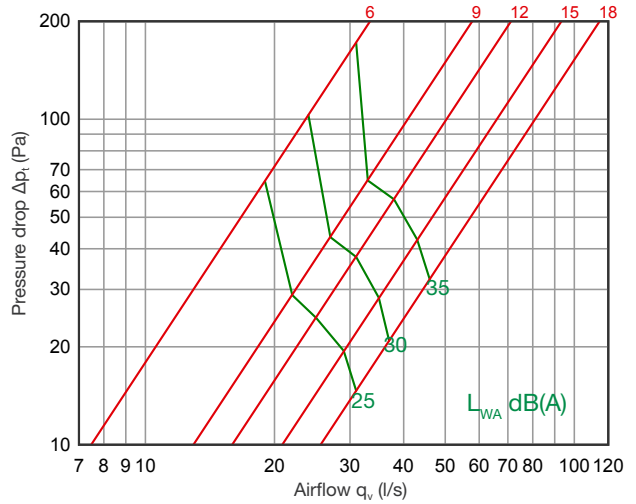


Exhaust air

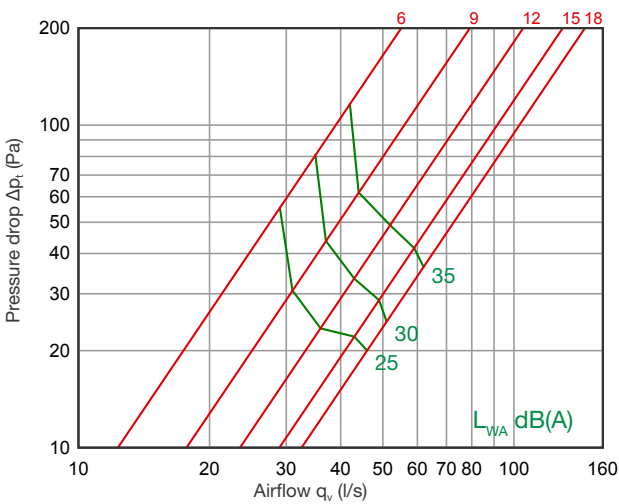
SFU 100



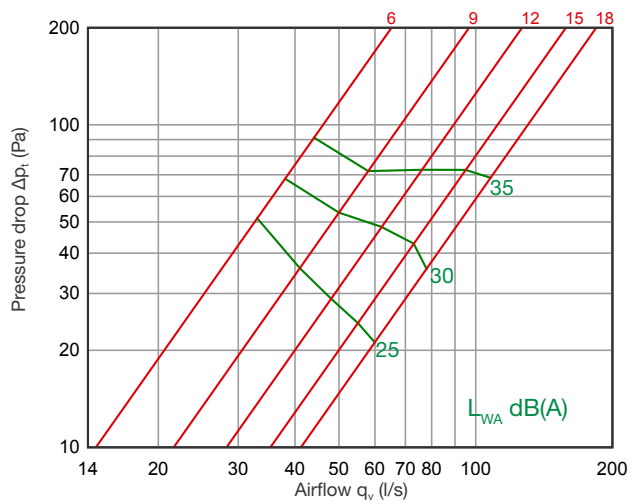
SFU 125



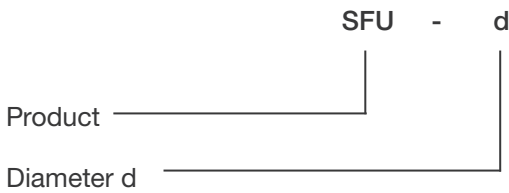
SFU 160



SFU 200



**Product codes**



Example: SFU 200

**Installation**

SFU air valve can be installed directly into a duct/fitting. Push the valve into the duct. The valve shall be fixed with springs directly into a duct and it does not require any additional fastening.

**Measurement and regulation of air flow**

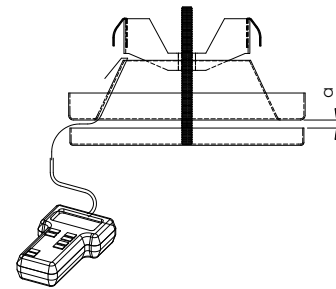
Measurement of air flow through pressure differential measured with a separate measuring device. Regulation by opening or closing by turning the plate. Measure the opening (a) position (in mm).

SFU 100, supply air			
a, mm	6	9	12
k-factor	2,40	3,70	4,25

SFU 125, supply air					
a, mm	6	9	12	15	18
k-factor	2,45	3,80	4,70	5,60	6,85

SFU 160, supply air					
a, mm	6	9	12	15	18
k-factor	3,50	5,55	6,70	8,55	9,80

SFU 200, supply air					
a, mm	6	9	12	15	18
k-factor	4,75	7,05	8,50	9,75	11,05



$$q_v = k\sqrt{\Delta p_m}$$

SFU 100, exhaust air					
a, mm	6	9	12	15	18
k-factor	1,90	2,95	4,00	4,35	4,40

SFU 125, exhaust air					
a, mm	6	9	12	15	18
k-factor	2,15	3,60	4,20	5,30	6,35

SFU 160, exhaust air					
a, mm	6	9	12	15	18
k-factor	3,55	5,00	6,40	7,60	8,55

SFU 200, exhaust air					
a, mm	6	9	12	15	18
k-factor	4,30	6,40	7,85	9,75	11,20

**Maintenance**

Remove the inner cone by turning counter-clockwise. Clean the components surfaces with damp cloth. Replace inner cone in its original position.