



i-VALVE® ACERO

SQUARE METAL VALVE

AIR MANAGEMENT SYSTEMS

PRODUCT PROPERTIES

The **i-VALVE® ACERO** is designed as an elegant square supply and extract valve with a removable front plate to re-place Volume regulator or Filter unit. The solution for indoor uses. Suitable for ceiling and wall installation.

DESIGN

The **i-VALVE® ACERO** is manufactured from high quality steel sheet with a white powder-coated finish including Anti-static and UV-resistant properties.

Available in RAL: R9016 or R9003

Diameters: Ø100 and Ø125 with a gasket for easy mounting.

versions:

- 1) small frame body
- 2) wide frame body

PACKAGING

Article code packed:

- ✓ **SMV1VF-Ø-R9016**
- ✓ **SMV2VF-Ø-R9016**
- ✓ **SMV1VF-Ø-R9003**
- ✓ **SMV2VF-Ø-R9003**

Carton box dimension: 427X300x70MM



Version 1 – small frame

Version 2 – wide frame

Accessories optional:

Volume regulator

Filter unit antistatic/antibacterial



Art.code: **VUAØ**

Art.code: **FUAAØ**

Article code per 5 pieces packed:

- **VUA-Ø**
- **FUAA-Ø**

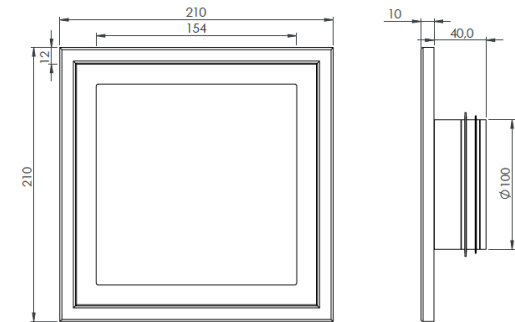
Carton box dimension per 5 pieces:

VUA AND FUAA100 :110X110X110MM

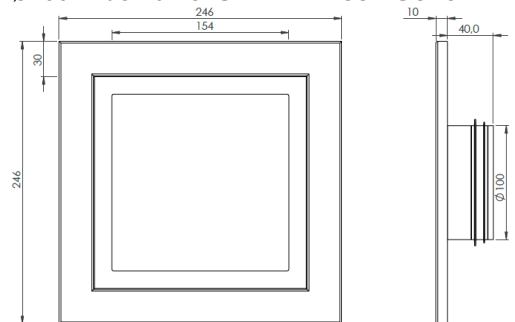
VUA AND FUAA125 :130X130X110MM

DIMENSIONS in mm

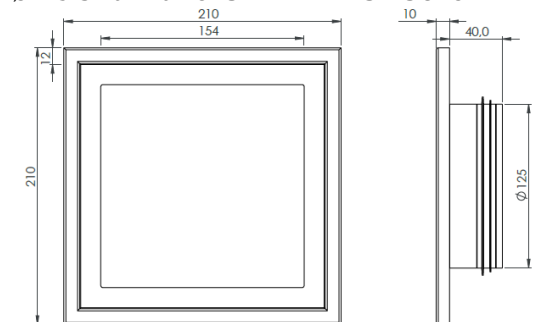
Ø100 Small frame: **SMV1VF-100-R9016**



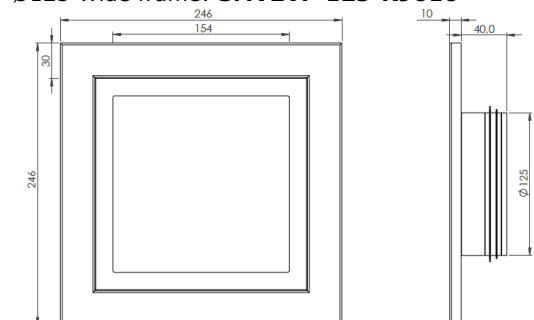
Ø100 Wide frame: **SMV2VF-100-R9016**



Ø125 Small frame: **SMV1VF-125-R9016**



Ø125 Wide frame: **SMV2VF-125-R9016**



LIABILITY:

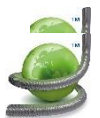
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PLEASE NOTICE:

The consultant is responsible for the actual installation and mounting of the product. The mentioned values with respect to temperatures are not appropriate to be used to determine the physical properties. These properties are also dependent on humidity and the temperature of the air inside and outside of the H.V.A.C. system.

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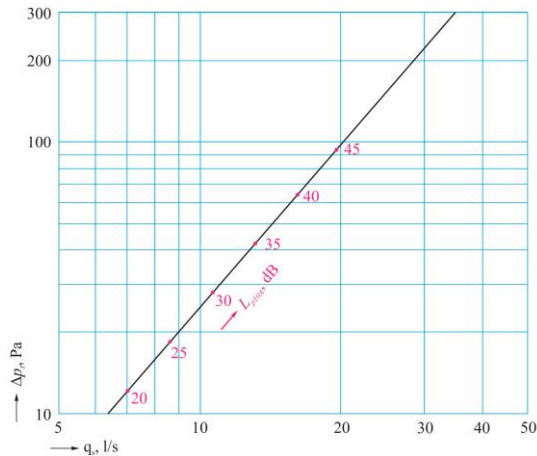
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SQUARE METAL VALVE

AIR MANAGEMENT SYSTEMS

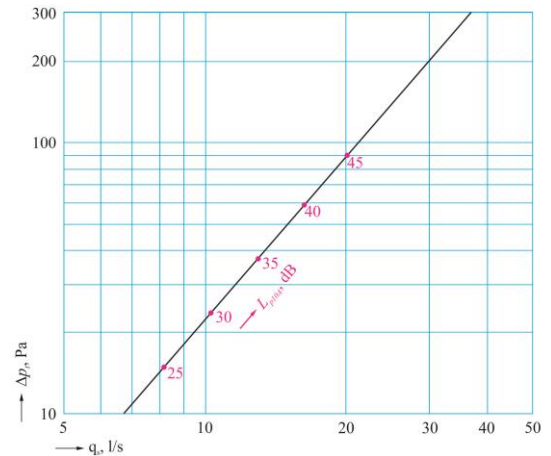
Ø100 Exhaust

SMV2VF-100-R9016 EXHAUST 100 mm

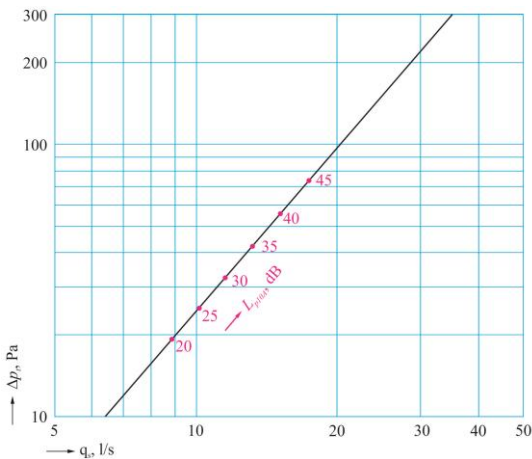


Ø100 Supply

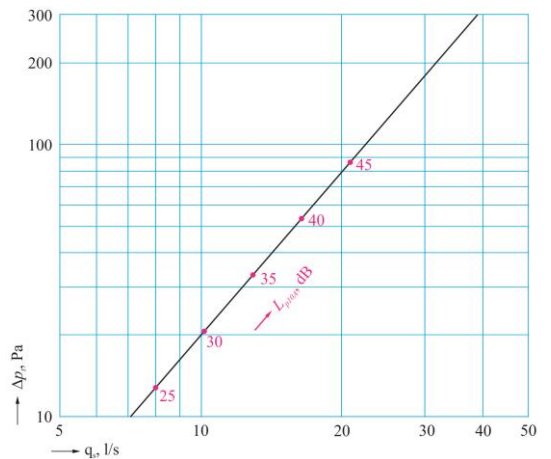
SMV2VF-100-R9016 SUPPLY 100 mm



SMV1VF-100-R9016 EXHAUST 100 mm



SMV1VF-100-R9016 SUPPLY 100 mm



DEFINITIONS

q_v	air volume	(l/s)
Δp_t	total pressure drop	(Pa)
L_p10A	sound pressure level with 4 dB room attenuation (10 m²sab)	[dB(A)]

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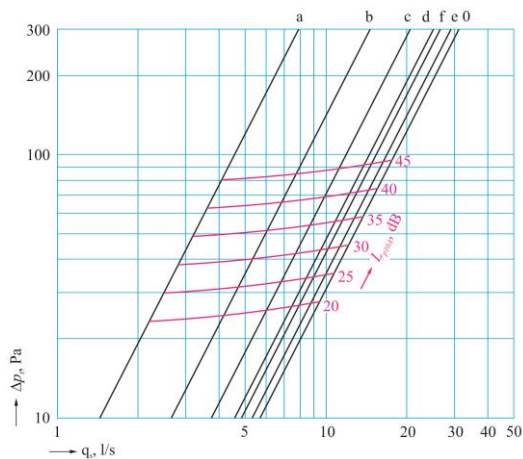
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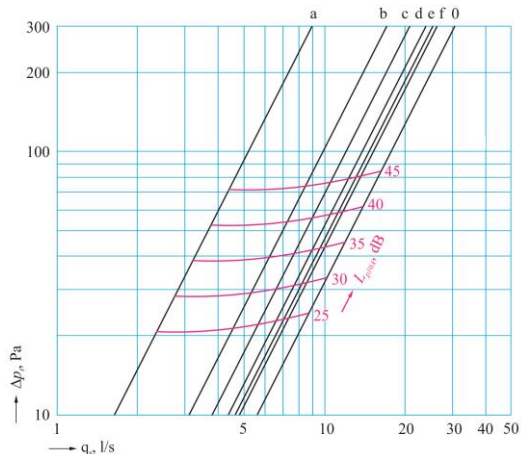
AIR MANAGEMENT SYSTEMS

Ø125 Exhaust

SMV2VF-125-R9016 EXHAUST 125mm FILTER + REGULATOR

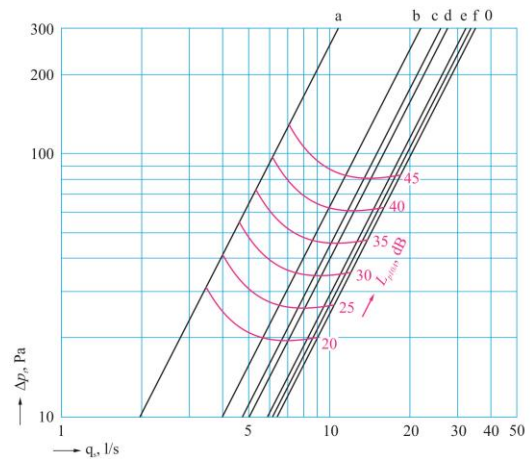


SMV1VF-125-R9016 EXHAUST 125mm FILTER + REGULATOR

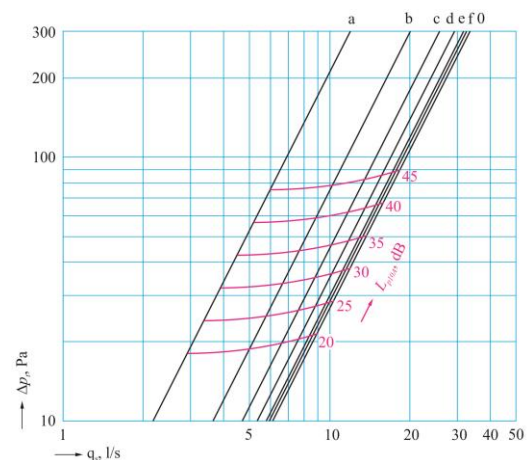


Ø125 Supply

SMV2VF-125-R9016 SUPPLY 125mm FILTER+REGULATOR



SMV1VF-125-R9016 SUPPLY 125mm FILTER+REGULATOR



GRAPHICS EXPLANATION

a, b, c, d, e = positions of regulator

f - filter

0 gap of valve

DEFINITIONS

q_v	air volume	(l/s)
Δp_v	total pressure drop	(Pa)
L_{p10A}	sound pressure level with 4 dB room attenuation (10 m ² sab)	[dB(A)]

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