

DVS EXHAUST AIR VALVE

AIR MANAGEMENT SYSTEMS



PRODUCT PROPERTIES

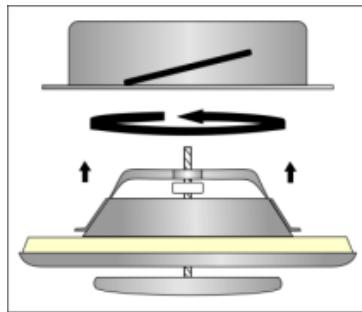
Powder coated valve including fixing collar

DVS is an exhaust valve suitable for houses, offices etc.

- Good adjusting features
- Low noise level
- Quick and easy to install
- Airflow easy to measure

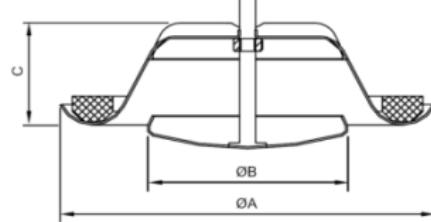
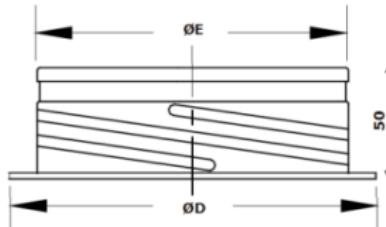
CONSTRUCTION

The **DVS** is manufactured from steel sheet, powder coated. Standard color white (RAL 9010). The valve body has a gasket, made of cellular plastic and the control disc, with screw spindle, enables easy regulation and positional locking. Fixing collar **DVS-F** is manufactured from galvanized steel sheet.



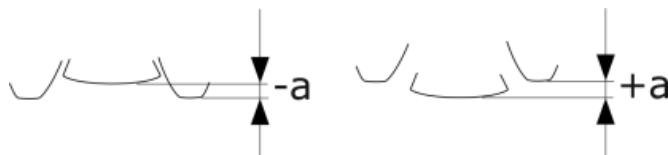
DIMENSIONS in mm

DVS	Ø 080	Ø 100	Ø 125	Ø 150	Ø 160	Ø 200
A	116	140	166	204	209	248
B	60	75	98	119	129	157
C	40	40	46	54	54	59
W (gr)	103	170	210	320	355	520
D	105	125	150	175	185	225
E	79	99	124	149	159	199
W (gr)	74	89	112	152	165	212



REGULATION AND MEASUREMENTS

Regulation of airflow is achieved by turning the control disc to change adjustment dimension a (mm). The measurement of airflow is made by a pressure difference measurement with a separate measuring tube. Refer to airflow measurement diagrams for information.



LIABILITY:

The information contained in this brochure was current on the publication date. DEC INTERNATIONAL reserves the right to make changes in details at any time without prior notice. In order to avoid misunderstandings, any interested party is advised to contact DEC INTERNATIONAL checking for any changes in materials and/or information after this brochure was published.

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.

TRADEMARKS:

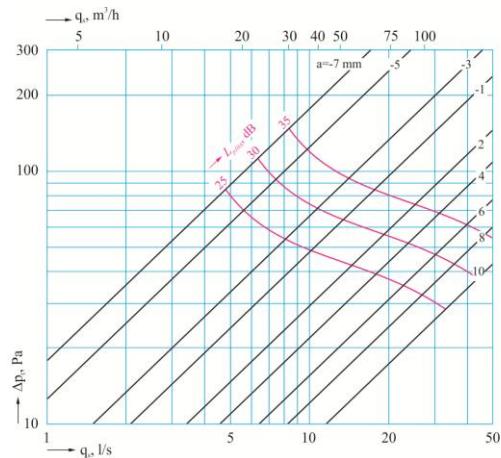
DEC International and the DEC logo are trademarks, or registered trademarks of Dutch Environment Corporation BV in the Netherlands and/or other countries.

DVS EXHAUST AIR VALVE

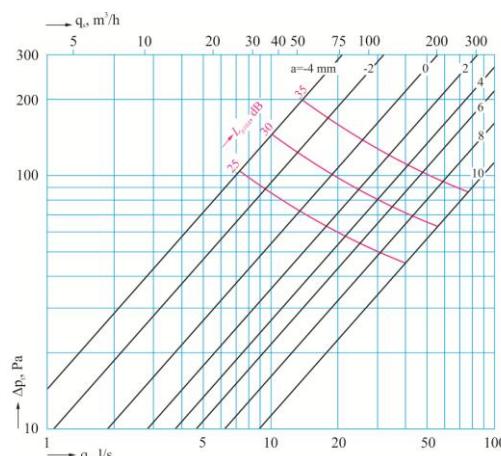
AIR MANAGEMENT SYSTEMS



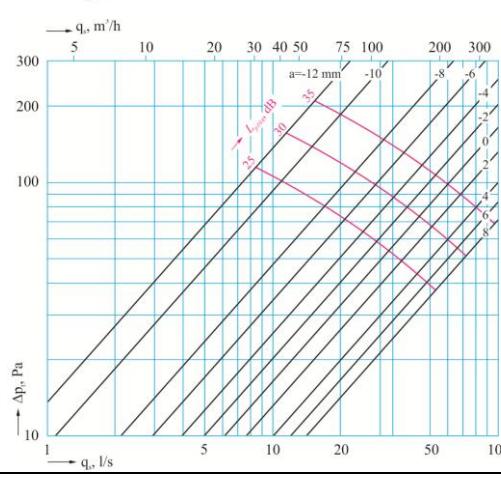
DVS 080 mm



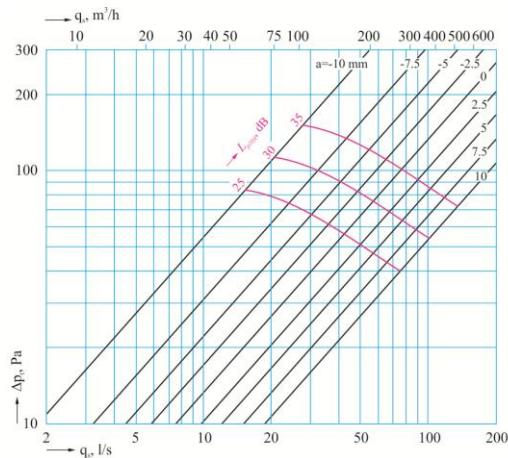
DVS 100 mm



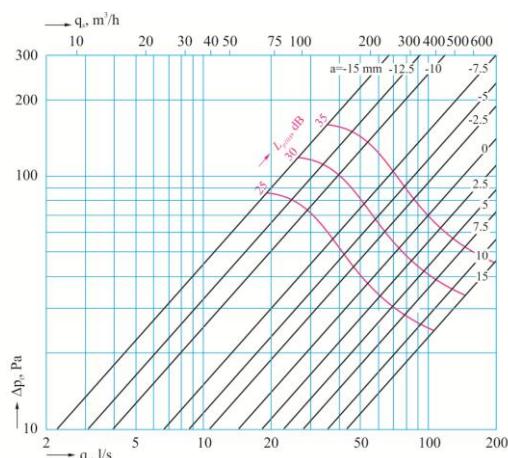
DVS 125 mm



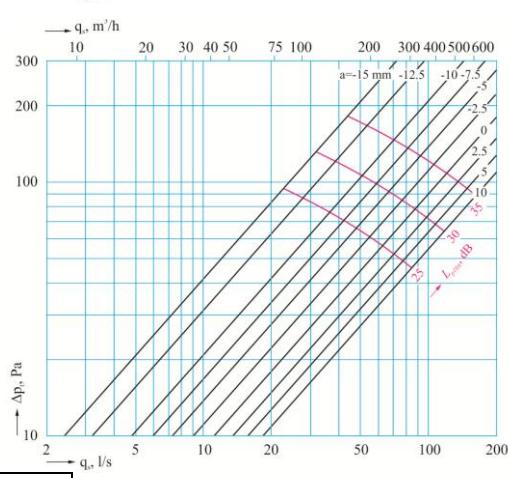
DVS 150 mm



DVS 160 mm



DVS 200 mm



DEFINITIONS

q_v	air volume	(m^3/h)
Δp_v	total pressure drop	(Pa)
L_{p10A}	sound pressure level with 4 dB room attenuation ($10 m^2 sab$)	[dB(A)]

LIABILITY:
The information contained in this brochure was current on the publication date. DEC INTERNATIONAL reserves the right to make changes in details at any time without prior notice. In order to avoid misunderstandings, any interested party is advised to contact DEC INTERNATIONAL checking for any changes in materials and/or information after this brochure was published.

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.

TRADEMARKS:

DEC International and the DEC logo are trademarks, or registered trademarks of Dutch Environment Corporation BV in the Netherlands and/or other countries.

DVS-P SUPPLY AIR VALVE

AIR MANAGEMENT SYSTEMS



PRODUCT PROPERTIES

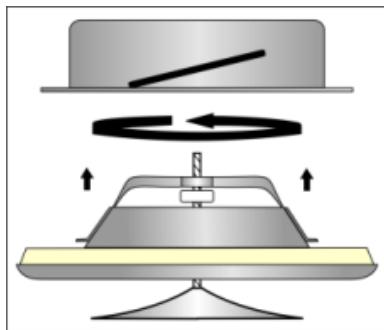
Powder coated valve including fixing collar

DVS-P is a supply valve suitable for houses, offices etc.

- Good adjusting features
- Low noise level
- Quick and easy to install
- Airflow easy to measure

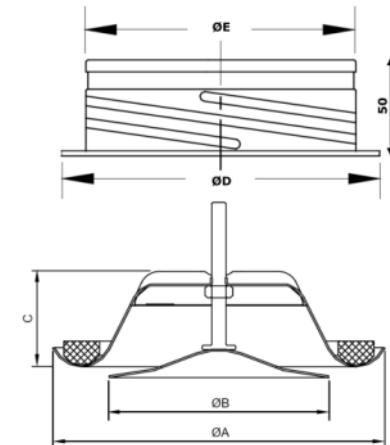
CONSTRUCTION

The **DVS-P** is manufactured from steel sheet, powder coated. Standard color white (RAL 9010). The valve body has a gasket, made of cellular plastic and the control disc, with screw spindle, enables easy regulation and positional locking. Fixing collar **DVS-F** is manufactured from galvanized steel sheet.



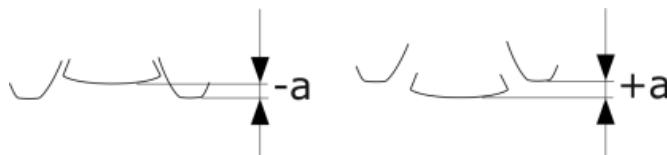
DIMENSIONS in mm

DVS-P	Ø 080	Ø 100	Ø 125	Ø150	Ø 160	Ø200
A	116	140	166	204	209	248
B	80	91	112	137	148	196
C	40	40	46	54	54	59
W (gr)	122	165	226	297	334	520
D	105	125	150	175	185	225
E	79	99	124	149	159	199
W (gr)	74	89	112	152	165	212



REGULATION AND MEASUREMENTS

Regulation of airflow is achieved by turning the control disc to change adjustment dimension a (mm). The measurement of airflow is made by a pressure difference measurement with a separate measuring tube. Refer to airflow measurement diagrams for information.



LIABILITY:

The information contained in this brochure was current on the publication date. DEC INTERNATIONAL reserves the right to make changes in details at any time without prior notice. In order to avoid misunderstandings, any interested party is advised to contact DEC INTERNATIONAL checking for any changes in materials and/or information after this brochure was published.

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.

TRADEMARKS:

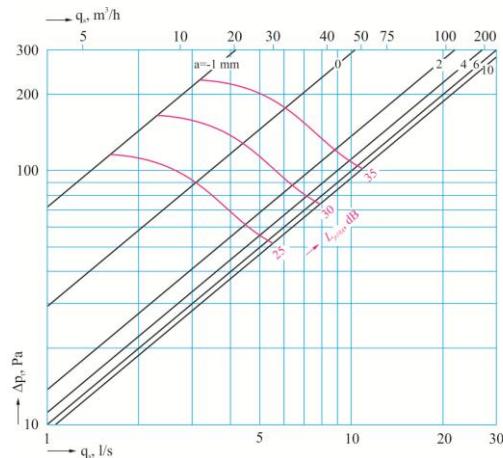
DEC International and the DEC logo are trademarks, or registered trademarks of Dutch Environment Corporation BV in the Netherlands and/or other countries.

DVS-P SUPPLY AIR VALVE

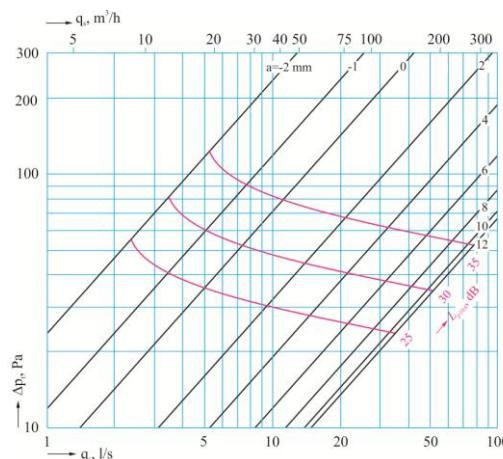
AIR MANAGEMENT SYSTEMS



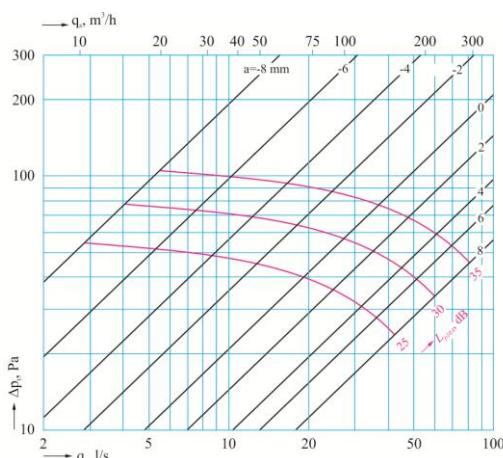
DVS-P 080 mm



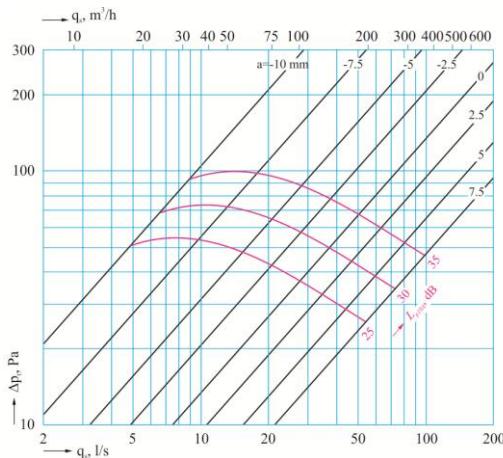
DVS-P 100 mm



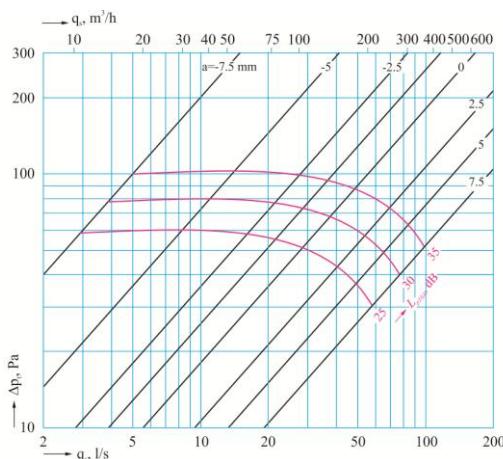
DVS-P 125 mm



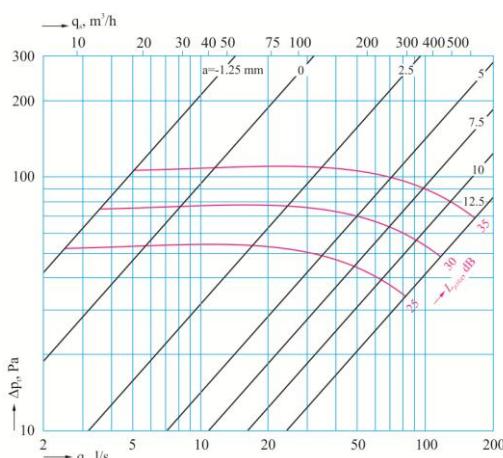
DVS-P 150 mm



DVS-P 160 mm



DVS-P 200 mm



DEFINITIONS

q_v	air volume	(m ³ /h)
Δp_t	total pressure drop	(Pa)
L_{p10A}	sound pressure level with 4 dB room attenuation (10 m ² sab)	[dB(A)]

LIABILITY:

The information contained in this brochure was current on the publication date. DEC INTERNATIONAL reserves the right to make changes in details at any time without prior notice. In order to avoid misunderstandings, any interested party is advised to contact DEC INTERNATIONAL checking for any changes in materials and/or information after this brochure was published.

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.

TRADEMARKS:

DEC International and the DEC logo are trademarks, or registered trademarks of Dutch Environment Corporation BV in the Netherlands and/or other countries.