



# DNE(J) SUPPLY AIR VALVE

AIR MANAGEMENT SYSTEMS

## PRODUCT PROPERTIES

### Powder coated valve including fixing collar

**DNE** 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

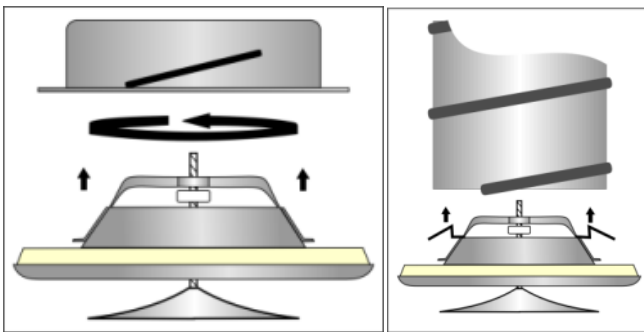
The **DNE** and **DNE-J** are manufactured from steel sheet, powder coated. Standard color white (RAL 9010). The **DNE** valve body has a gasket, made of cellular plastic and the control disc, with screw spindle, enables easy regulation and positional locking. The **DNE-J** valve body has spring-connection.

Fixing collar for **DNE**: **DKT** is manufactured from galvanized steel sheet and equipped with rubber sealing gasket.

Fixing collar for **DNE-J**: **DVLZ** is manufactured from galvanized steel sheet and without rubber sealing gasket.

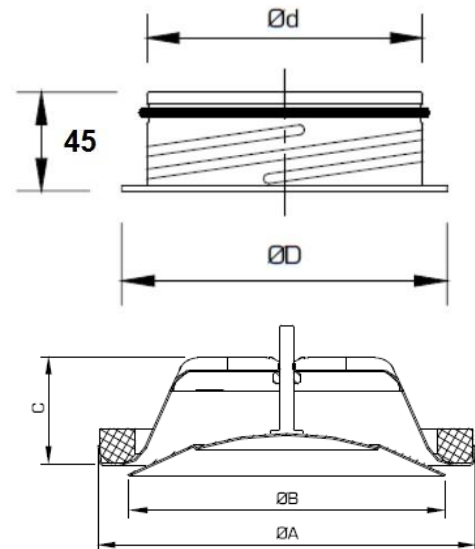
## Installation

Mounting ring **DKT** is fitted into the duct with screws or rivets. The valve is fixed by "a screwing action" to locate the valve lugs into indents in the mounting ring. For the **DNE-J** version just press the valve into the rigid duct or mounting ring **DVLZ**



## DIMENSIONS in mm

DNE	Ø 080	Ø 100	Ø 125	Ø 160	Ø 200
<b>A</b>	112	132	160	193	245
<b>B</b>	93	110	135	158	205
<b>C</b>	37	40	46	54	64
<b>W (gr)</b>	140	190	260	370	550
<b>ØD</b>	102	123	148	184	227
<b>Ød</b>	079	099	124	159	199
<b>W (gr)</b>	66	75	102	131	165

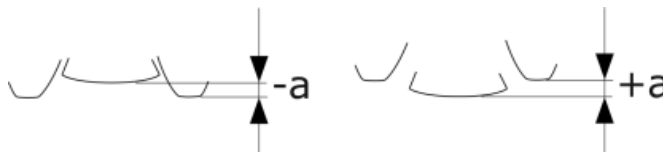


## REGULATION AND MEASUREMENTS

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:

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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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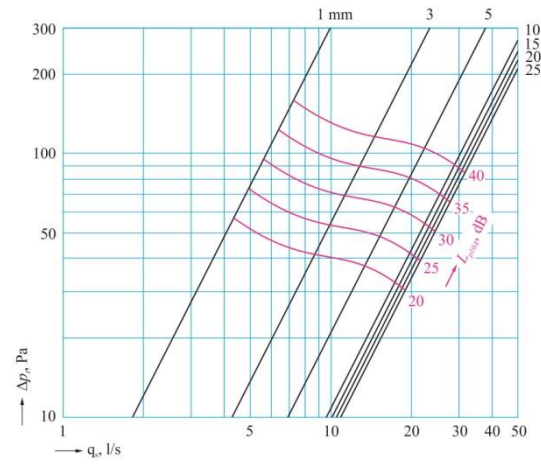




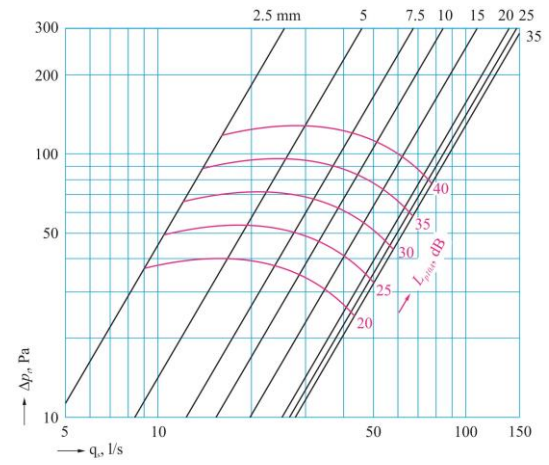
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AIR MANAGEMENT SYSTEMS

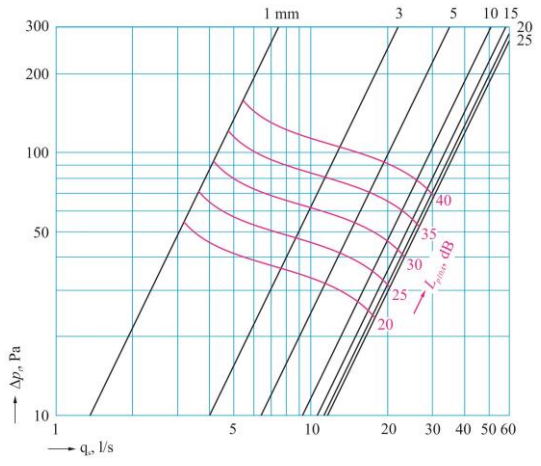
**DNE 080 mm**



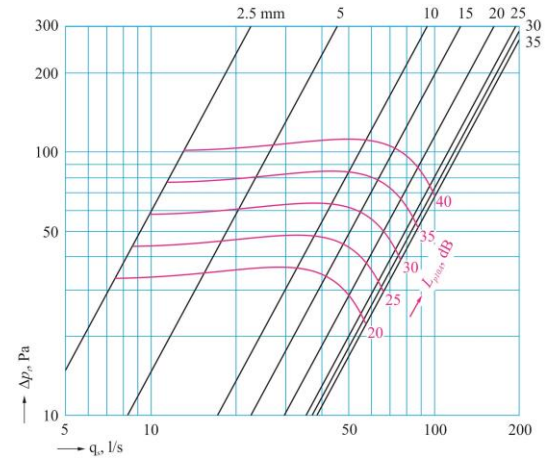
**DNE 160 mm**



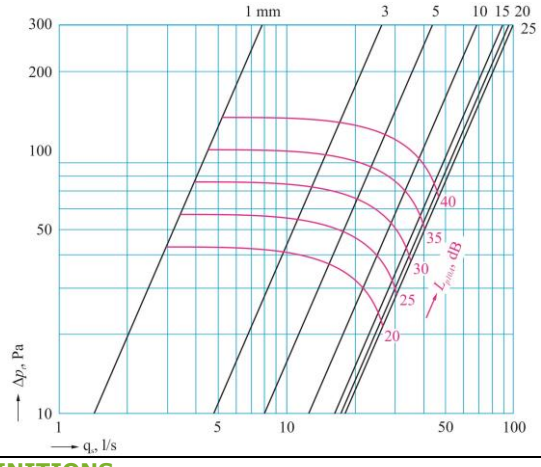
**DNE 100 mm**



**DNE 200 mm**



**DNE 125 mm**



DEFINITIONS		
$q_v$	air volume	(m <sup>3</sup> /h)
$\Delta p_t$	total pressure drop	(Pa)
$L_{p10A}$	sound pressure level with 4 dB room attenuation (10 m <sup>2</sup> sab)	[dB(A)]

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