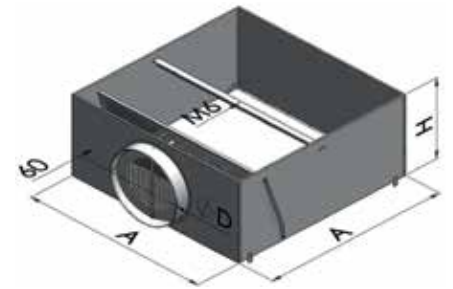
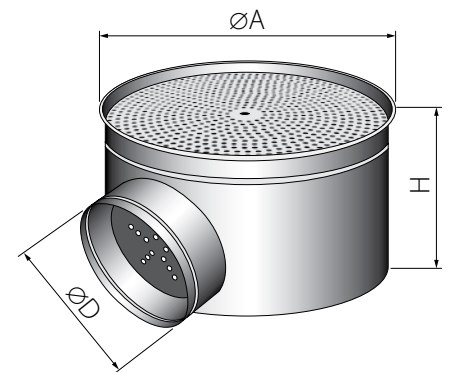


KK-H-PP-M

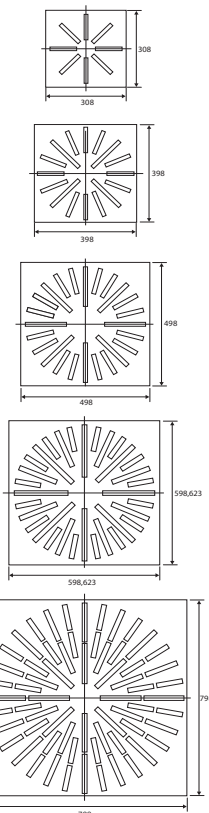


KO-H-PP-M

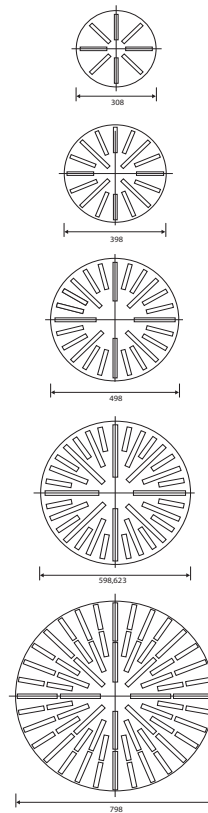


- Characteristics** Swirl diffuser with adjustable throws.
- Material** Steel.
- Finish** Painted RAL 9010.  
Deflectors: black polypropylene RAL 9005.
- Fixing** Fixing by side screws or one central screw.
- Accessories** K: Connecting plenum.

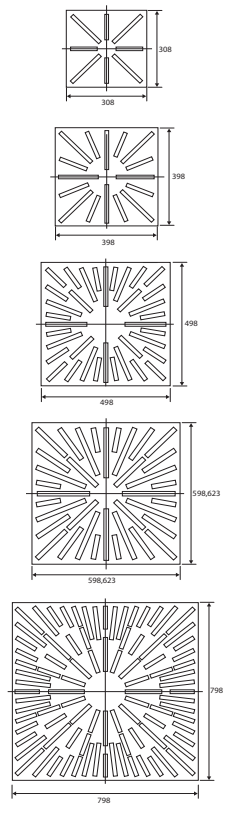
Type Q-R



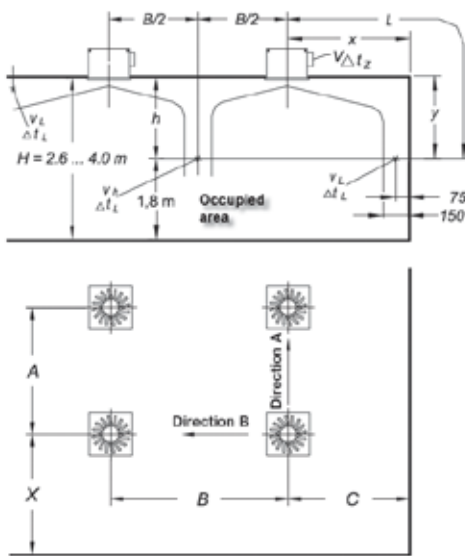
Type R-R



Type Q-Q



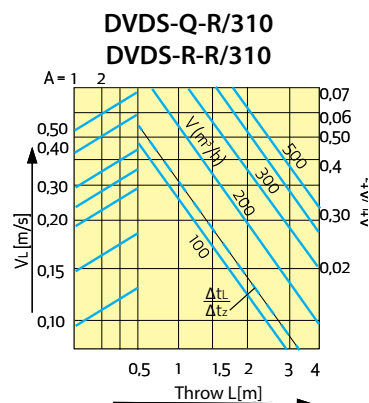
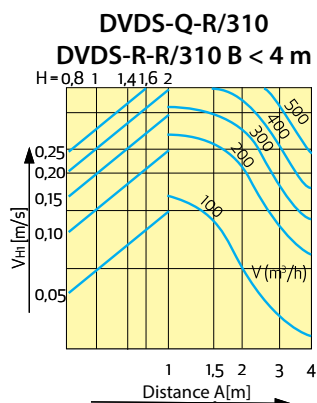
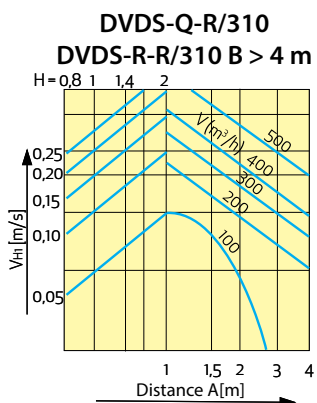
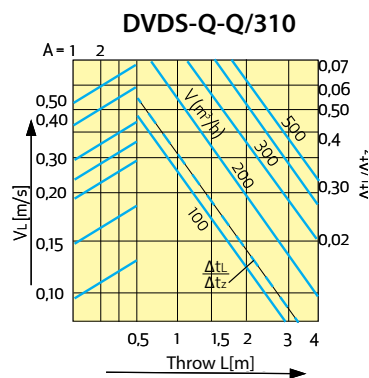
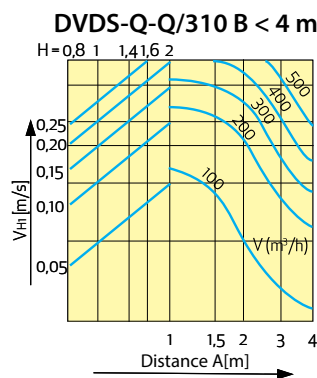
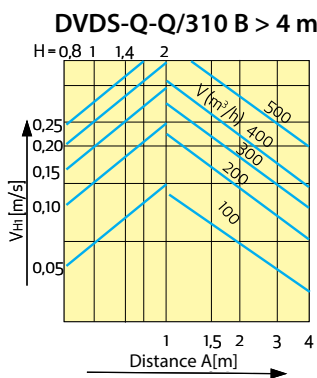
Dimension [mm]	Ø D	D	A <sub>ef</sub> - Q [m <sup>2</sup> ]	A <sub>ef</sub> - R [m <sup>2</sup> ]
310	310	305 × 305	0,0192	0,0120
400	400	395 × 395	0,0248	0,0248
500	500	495 × 495	0,0517	0,0392
600	600	595 × 595	0,0718	0,0565
625	625	620 × 620	0,0718	0,0565
825	825	820 × 820	0,1359	0,0938



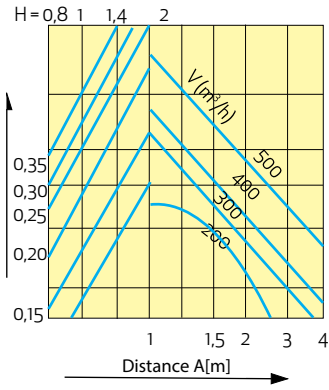
### Description

- V [m<sup>3</sup>/h] - volume flow
- y [m] - vertical jet throw
- x [m] - horizontal jet throw
- A, B [m] - distance between diffusers
- C, X [m] - distance between wall and diffuser
- L [m] - total jet throw
- V<sub>L</sub> [m/s] - mean jet velocity L (at the wall)
- h [m] - distance between difuser and occupied area
- V<sub>h</sub> [m/s] - mean jet velocity between two diffusers at distance h
- t<sub>z</sub> [°C] - supply air temperature
- t<sub>p</sub> [°C] - room air temperature
- t<sub>m</sub> [°C] - air stream temperature
- Δt<sub>z</sub> [K] - difference between room temperature and supply air temperature
- Δt<sub>L</sub> [K] - difference between air stream temperature and room temperature
- Δp<sub>t</sub> [Pa] - total pressure drop
- LWA - [dB(A)] - sound power level

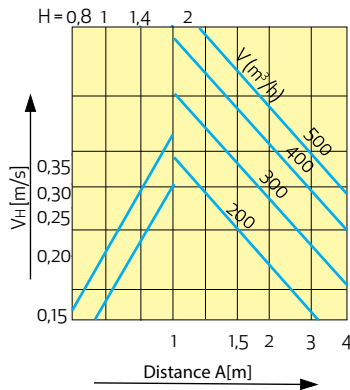
## A. Mean jet velocity V<sub>h</sub> at distance B, mean jet velocity along the wall V<sub>L</sub> and temperature quotient Δt<sub>L</sub>/Δt<sub>z</sub> for diffusers DVDS



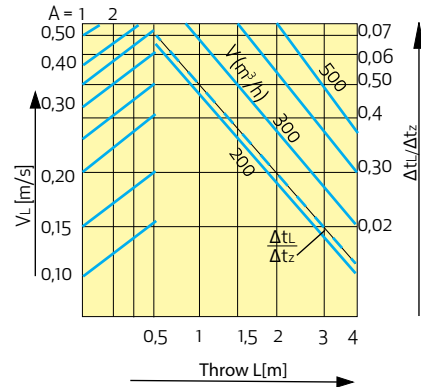
DVDS-Q-Q/400 B > 4 m



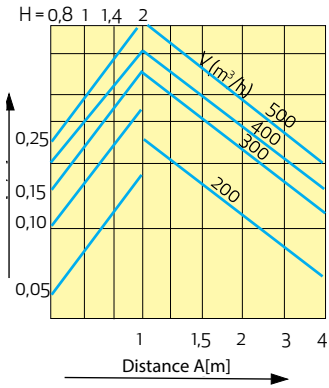
DVDS-Q-Q/400 B < 4 m



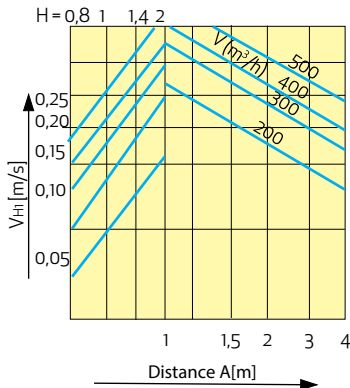
DVDS-Q-Q/400



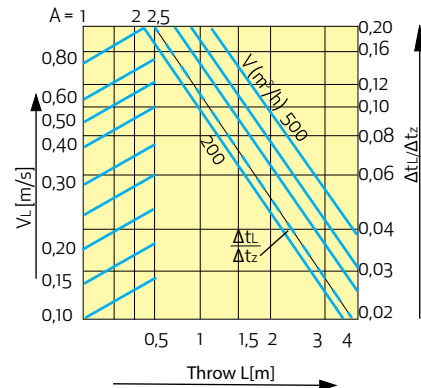
DVDS-Q-R/400  
DVDS-R-R/400 B > 4 m



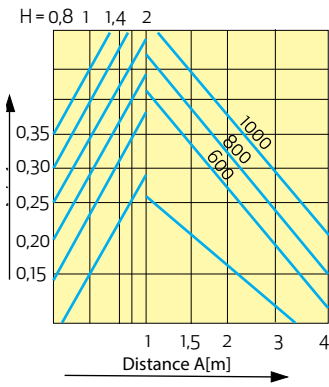
DVDS-Q-R/400  
DVDS-R-R/400 B > 4 m



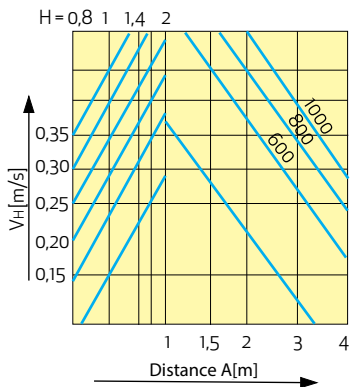
DVDS-Q-R/400  
DVDS-R-R/400



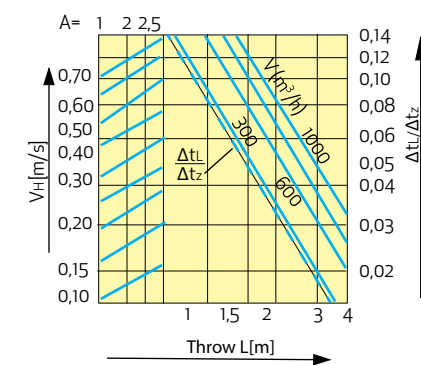
DVDS-Q-Q/500 B > 4 m



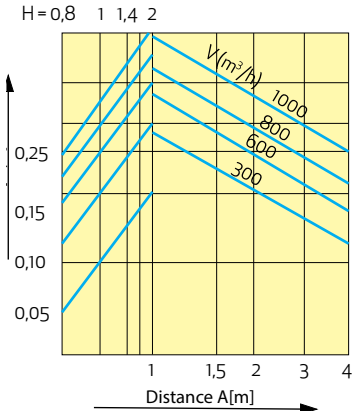
DVDS-Q-Q/500 B > 4 m



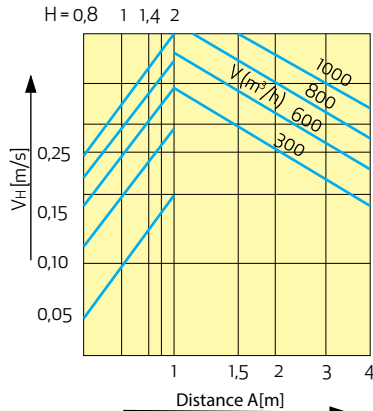
DVDS-Q-Q/500



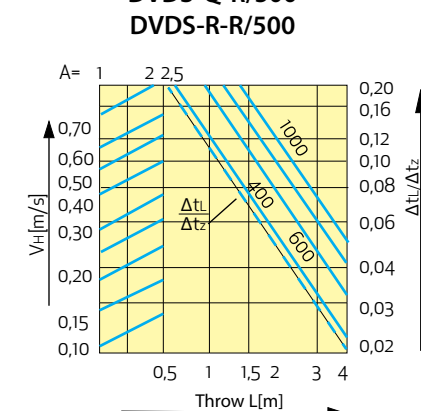
DVDS-Q-R/500  
DVDS-R-R/500 B > 4 m

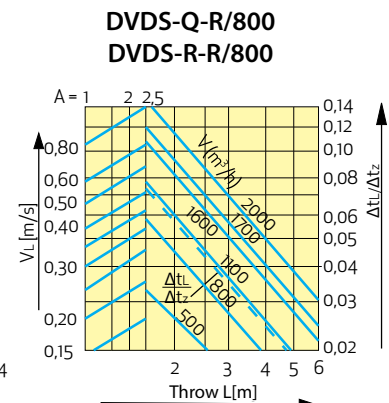
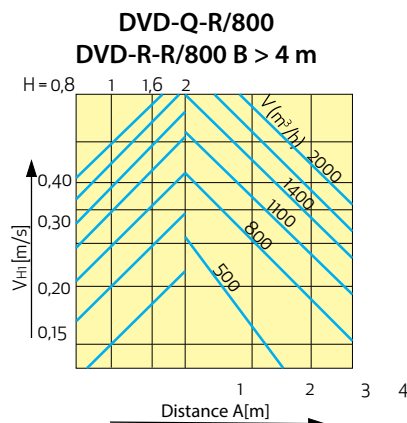
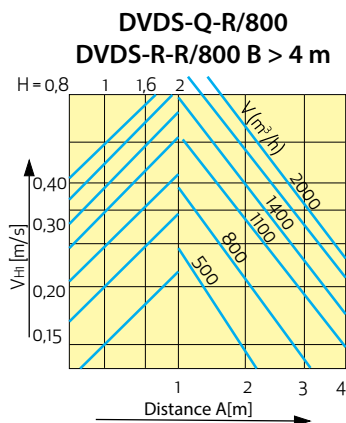
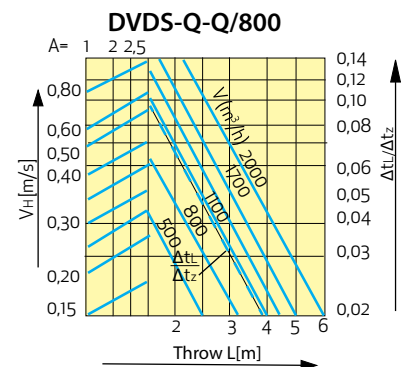
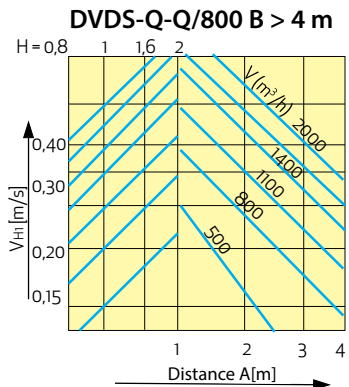
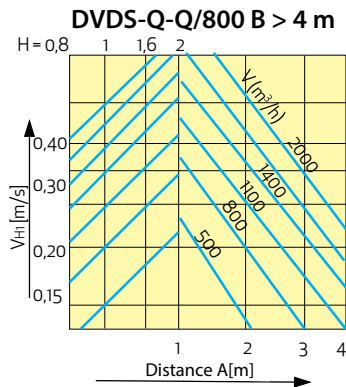
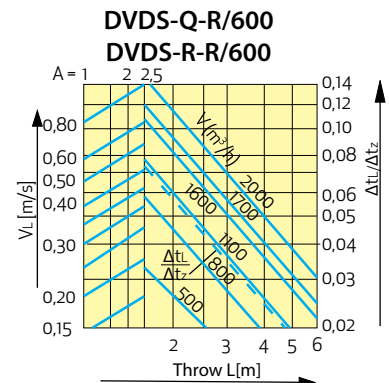
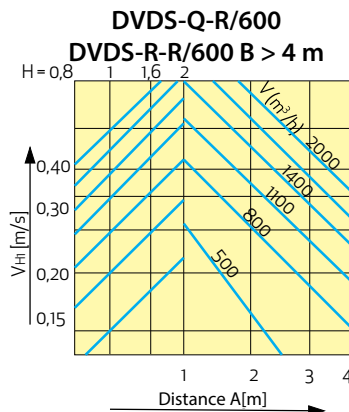
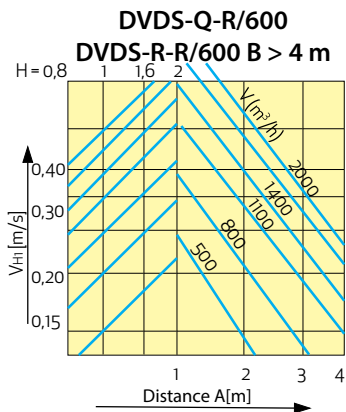
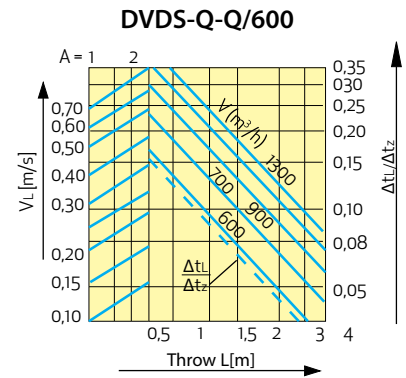
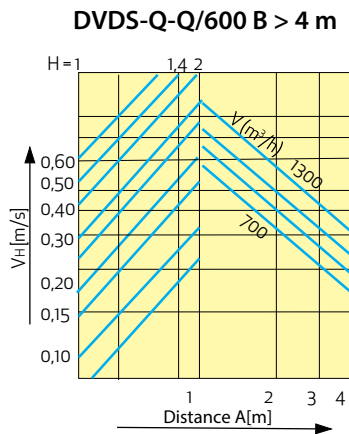
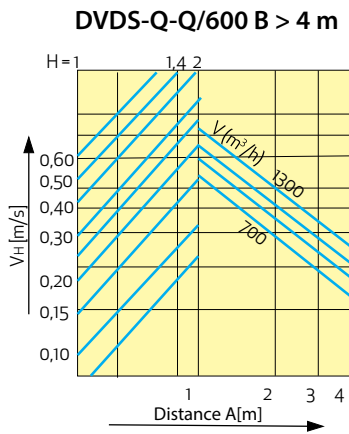


DVDS-Q-R/500  
DVDS-R-R/500 B < 4 m

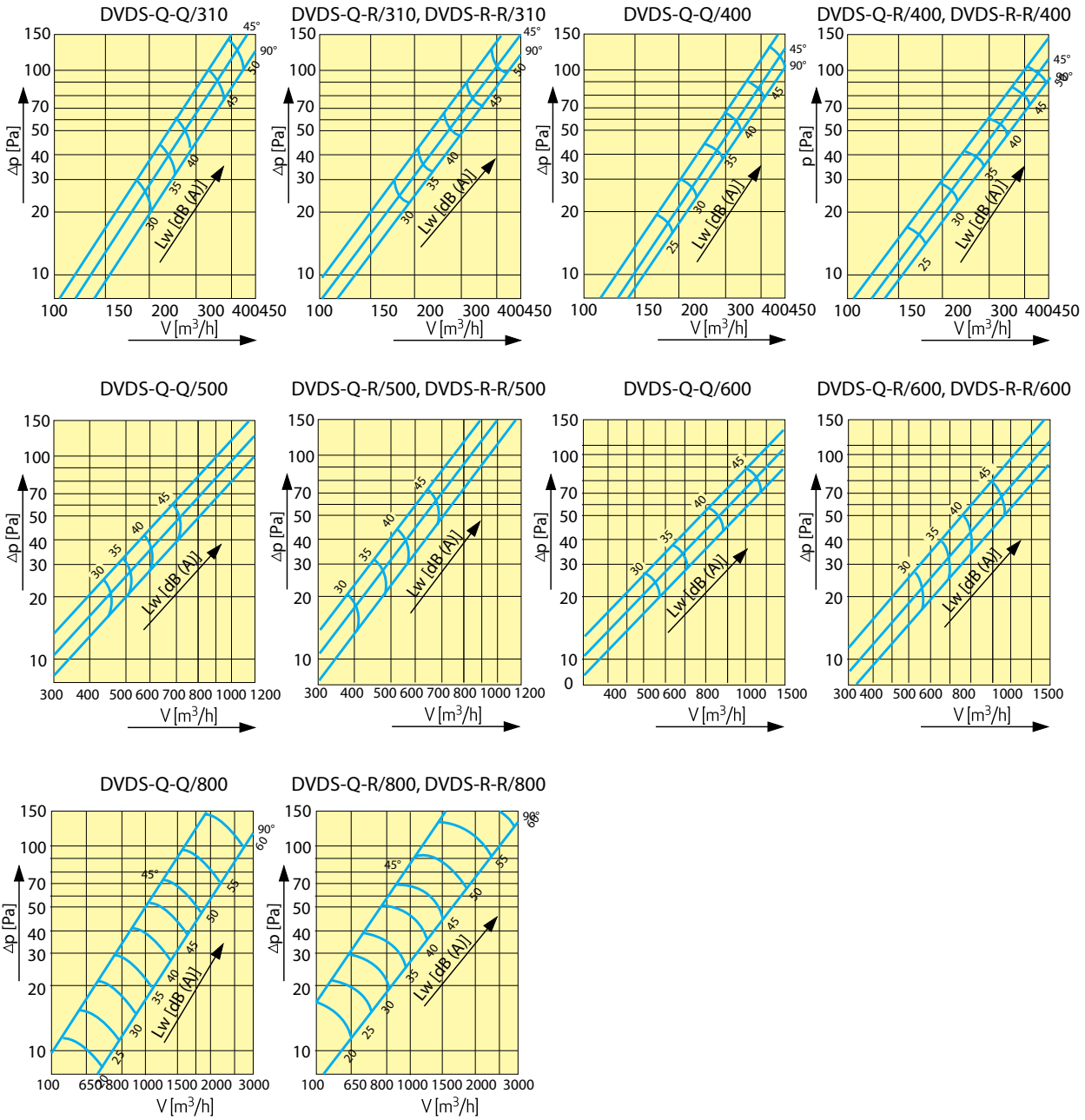


DVDS-Q-R/500  
DVDS-R-R/500





## B. Pressure drop and sound power level depending on blade position of the plenum and on type of connection - vertical or horizontal. (90° - open, 45° - half closed)



Selection key

**DVDS - Q - R - Z / 625**

