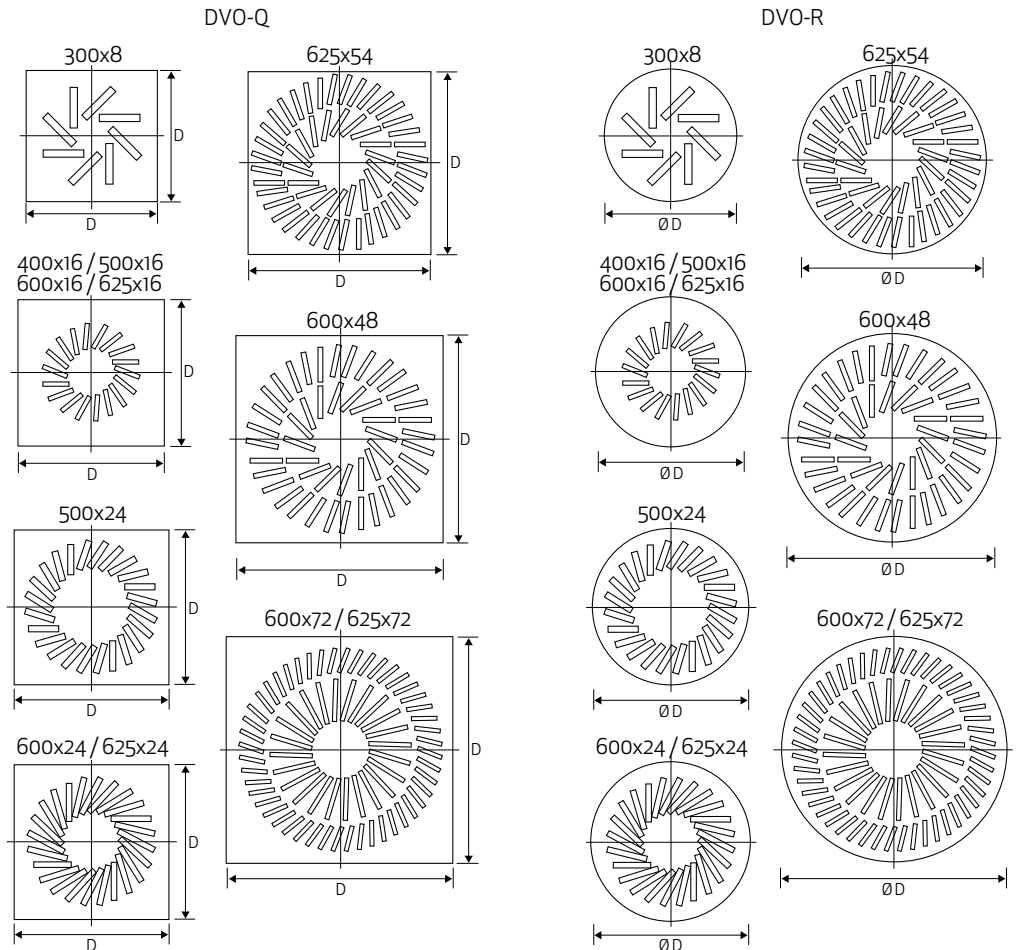
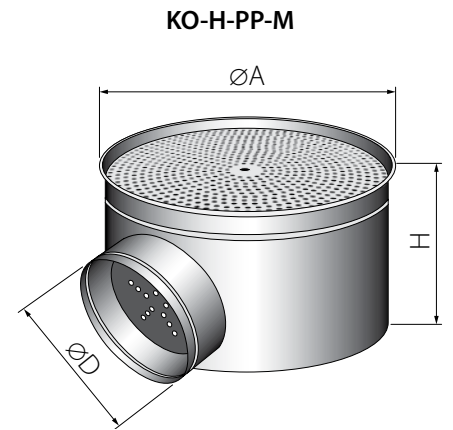
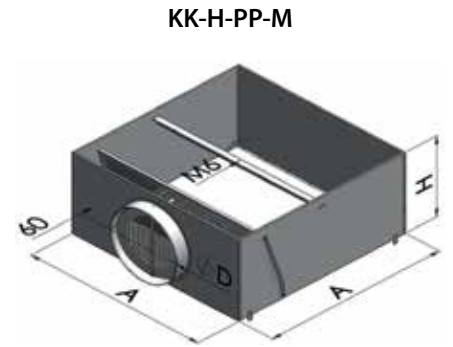
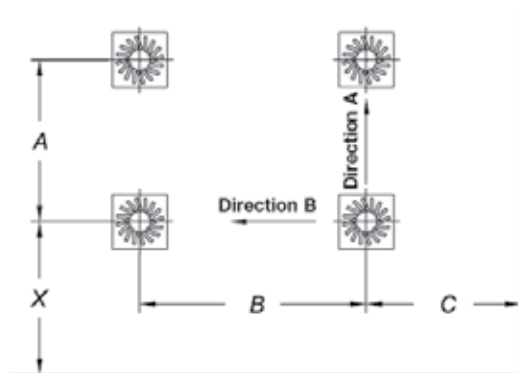
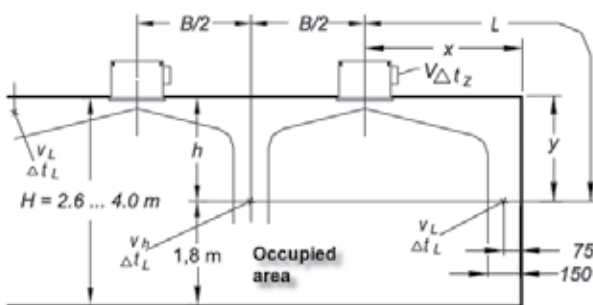


- Characteristics** Swirl diffuser with adjustable throws.
- Material** Steel.
- Finish** Painted RAL 9010.
Deflectors: black polypropylene RAL 9005.
- Fixing** Fixing by side screws or one central screw.
- Accessories** K: Connecting plenum



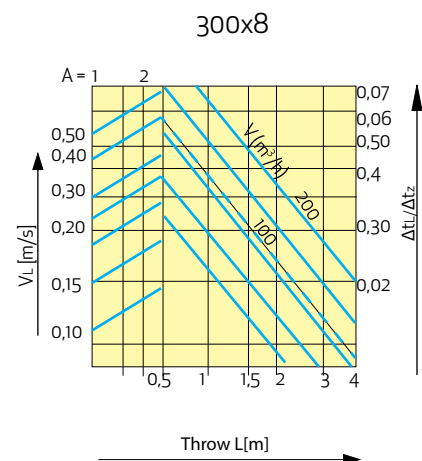
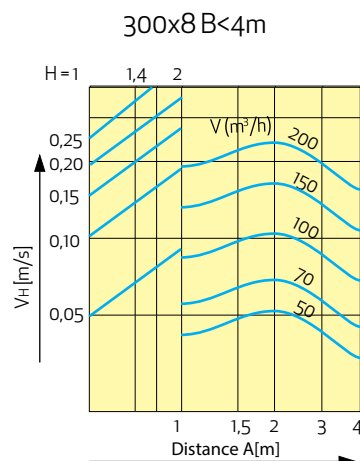
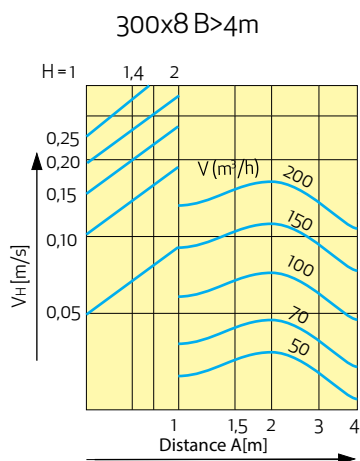
Dimensions [mm]	$\varnothing D$	D	V_{\max} [m ³ /h]	$A_{\text{ef}} - R$ [m ²]
300 x 8	300	295	160	0,009464
400 x 16	400	395	360	0,018928
500 x 16	500	495	360	0,018928
600 x 16	600	595	360	0,018928
625 x 16	625	620	460	0,018928
500 x 24	500	495	430	0,028392
600 x 24	600	595	680	0,044928
625 x 24	625	620	680	0,044928
600 x 48	600	595	880	0,056784
625 x 54	625	620	960	0,063882
800 x 72	800	795	1200	0,101712
825 x 72	825	820	1200	0,101712



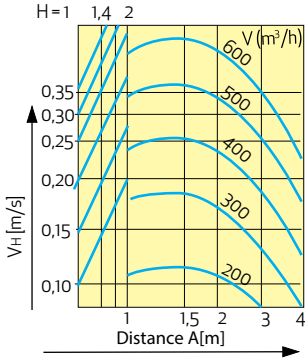
Description

- V [m³/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_L [m/s] - mean jet velocity L (at the wall)
- h [m] - distance between difuser and occupied area
- V_h [m/s] - mean jet velocity between two diffusers at distance h
- t_z [°C] - supply air temperature
- t_p [°C] - room air temperature
- t_m [°C] - air stream temperature
- Δt_z [K] - difference between room temperature and supply air temperature
- Δt_L [K] - difference between air stream temperature and room temperature
- Δp_t [Pa] - total pressure drop
- LWA [dB(A)] - sound power level

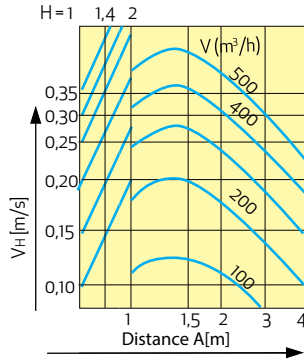
A. Mean jet velocity V_h at distance B , mean jet velocity along the wall V_L and temperature quotient $\Delta t_L/\Delta t_z$ for diffusers DVO



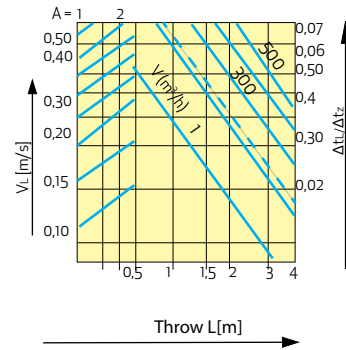
400x16, 500x16, 600x16, 625x16 B>4m



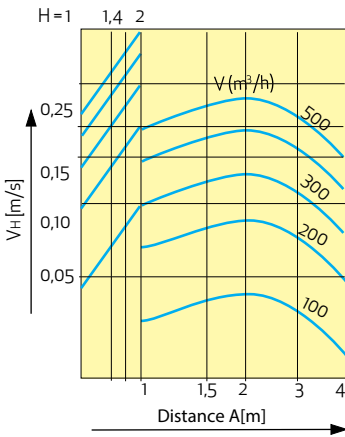
400x16, 500x16, 600x16, 625x16 B<4m



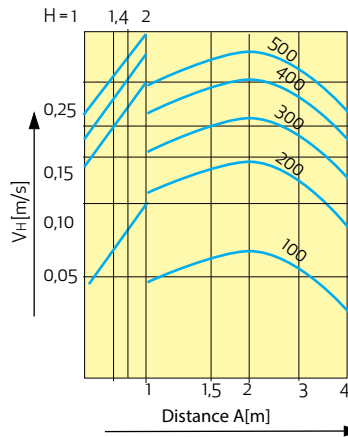
400x16, 500x16, 600x16, 625x16



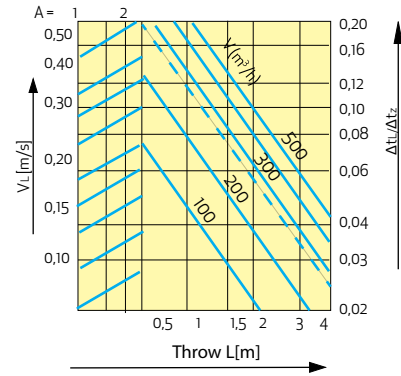
500x24 B>4m



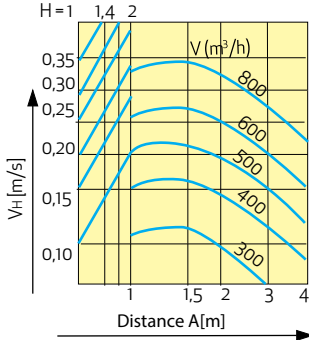
500x24 B<4m



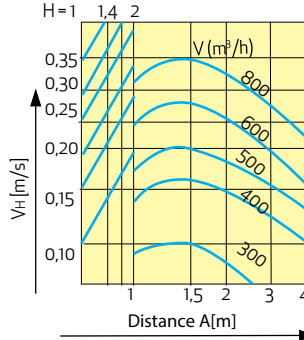
500x24



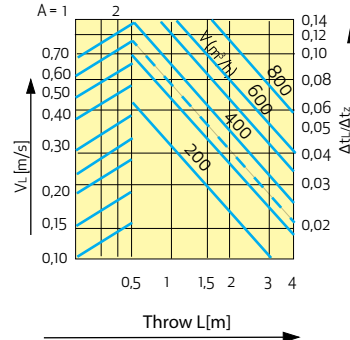
600x24, 625x24 B>4m



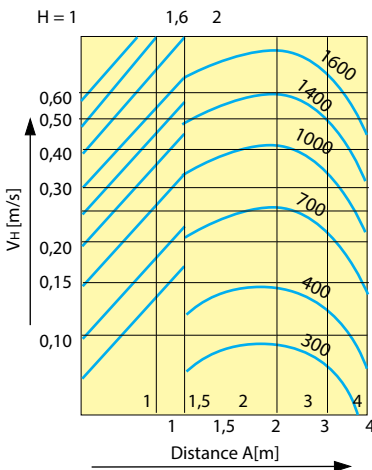
600x24, 625x24 B<4m



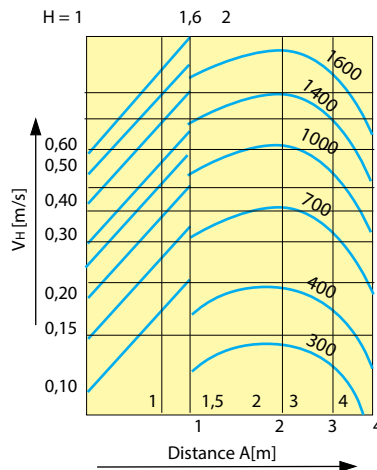
600x24, 625x24



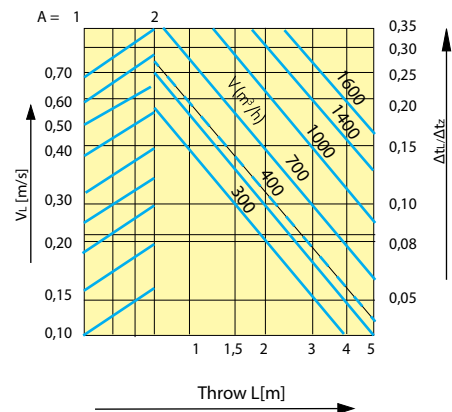
600x48 B>4m

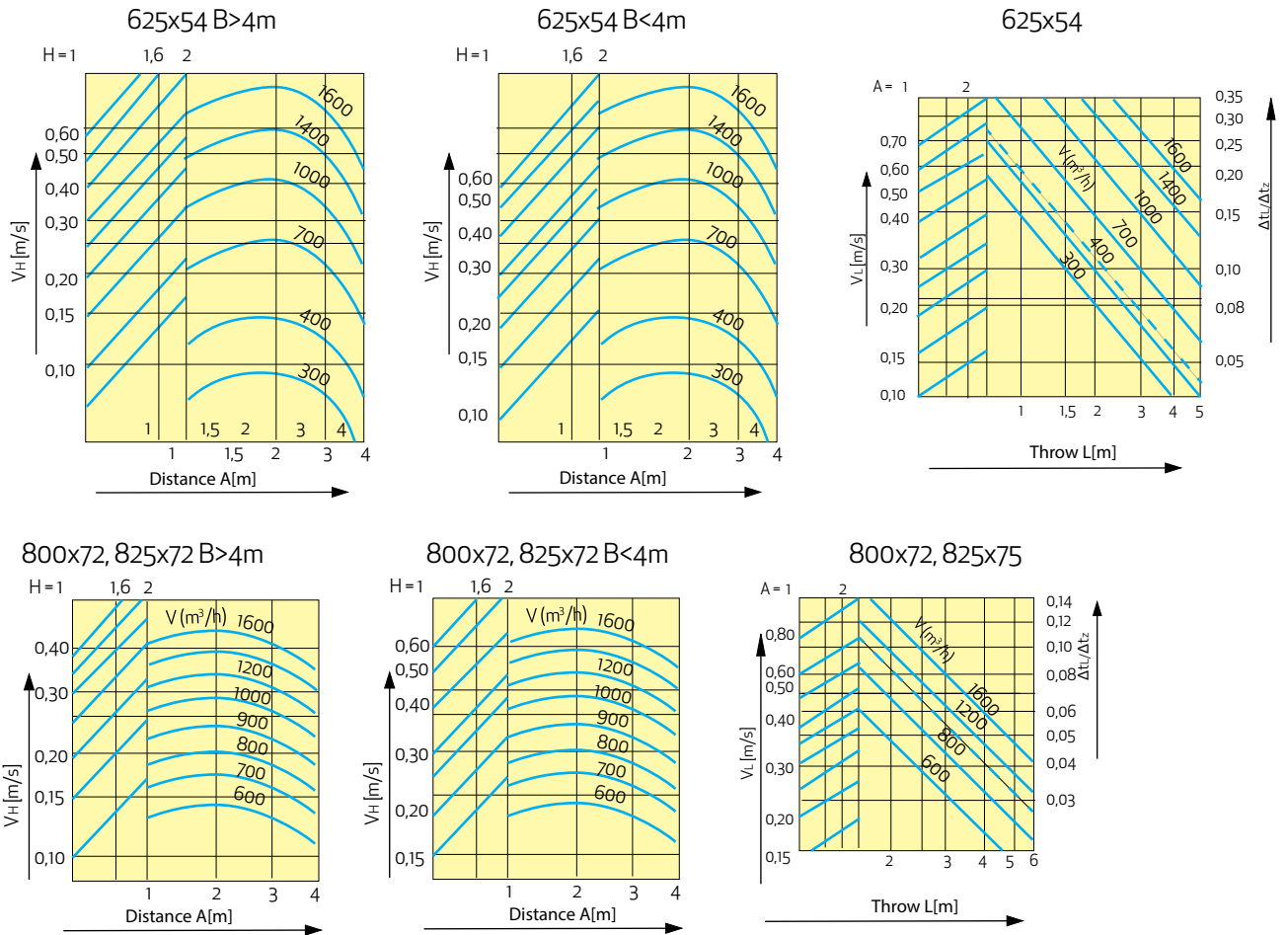


600x48 B<4m

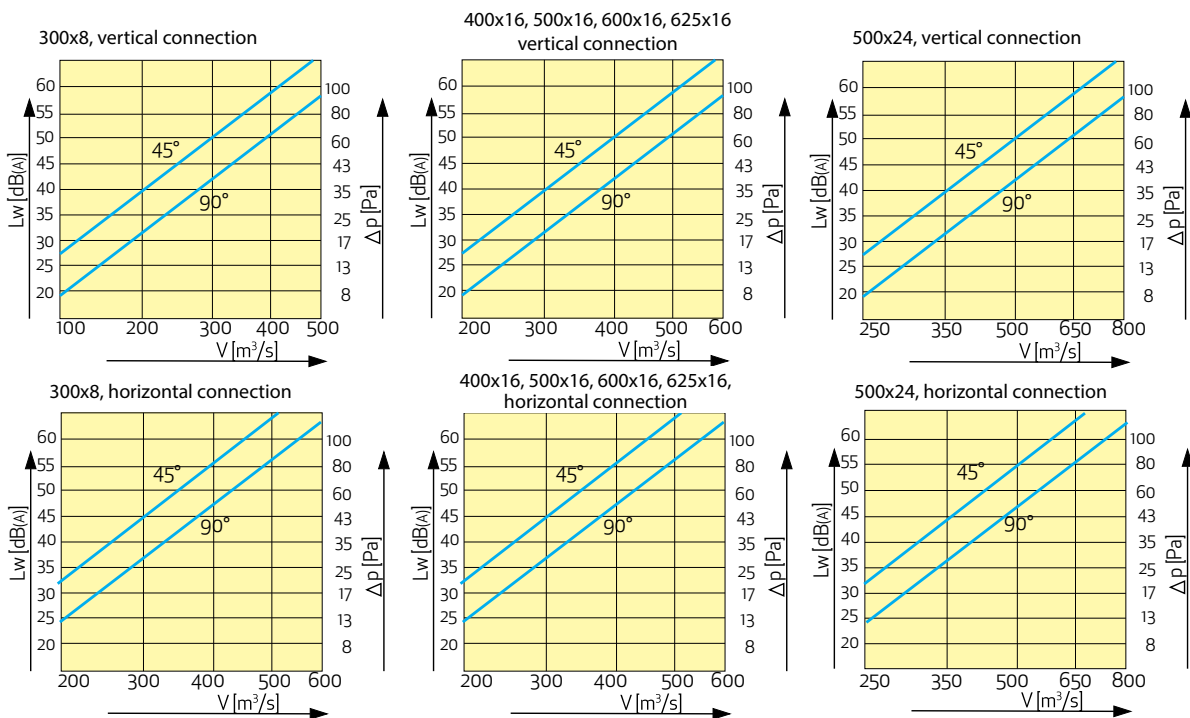


600x48

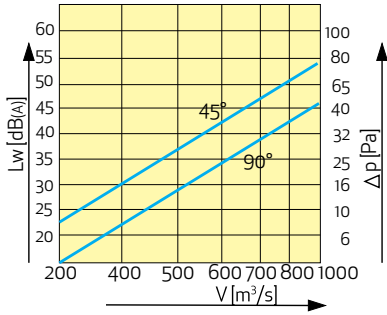




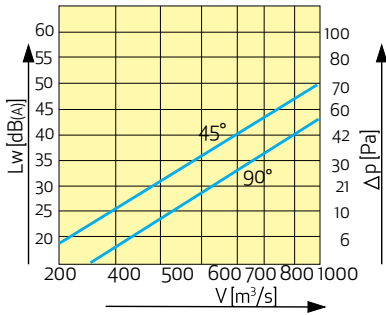
B. Pressure drop and sound power level depending on blade position of the plenum and on type of connection - vertical or horizontal. (90°- open, 45° - half closed)



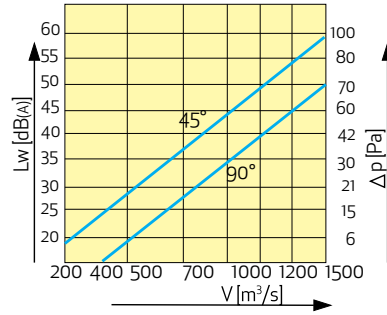
600x24, 625x24, vertical connection



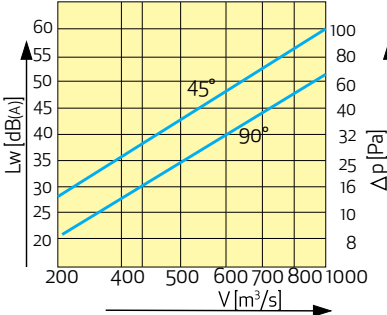
600x28, vertical connection



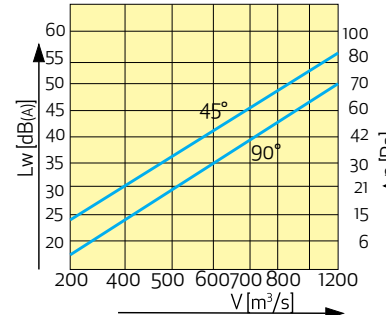
625x54, vertical connection



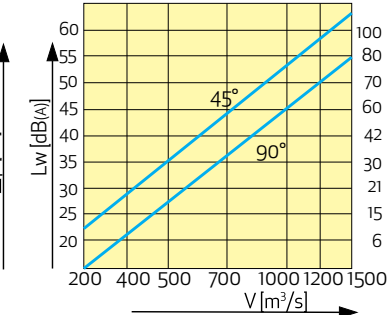
600x24, 625x24, horizontal connection



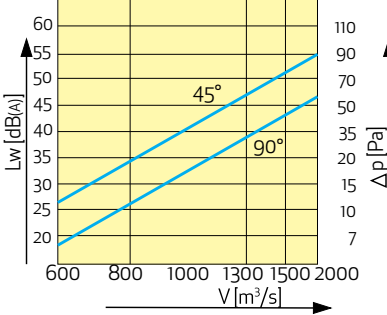
600x48, horizontal connection



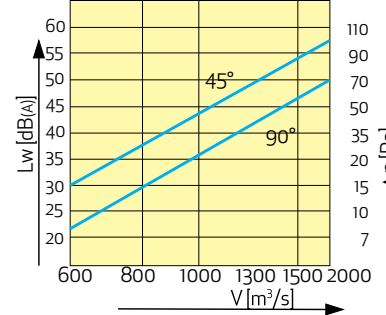
625x54, horizontal connection



800x72, 825x72, vertical connection



800x72, 825x72, horizontal connection



Selection key

DVO - Q - Z / 600 x 48

