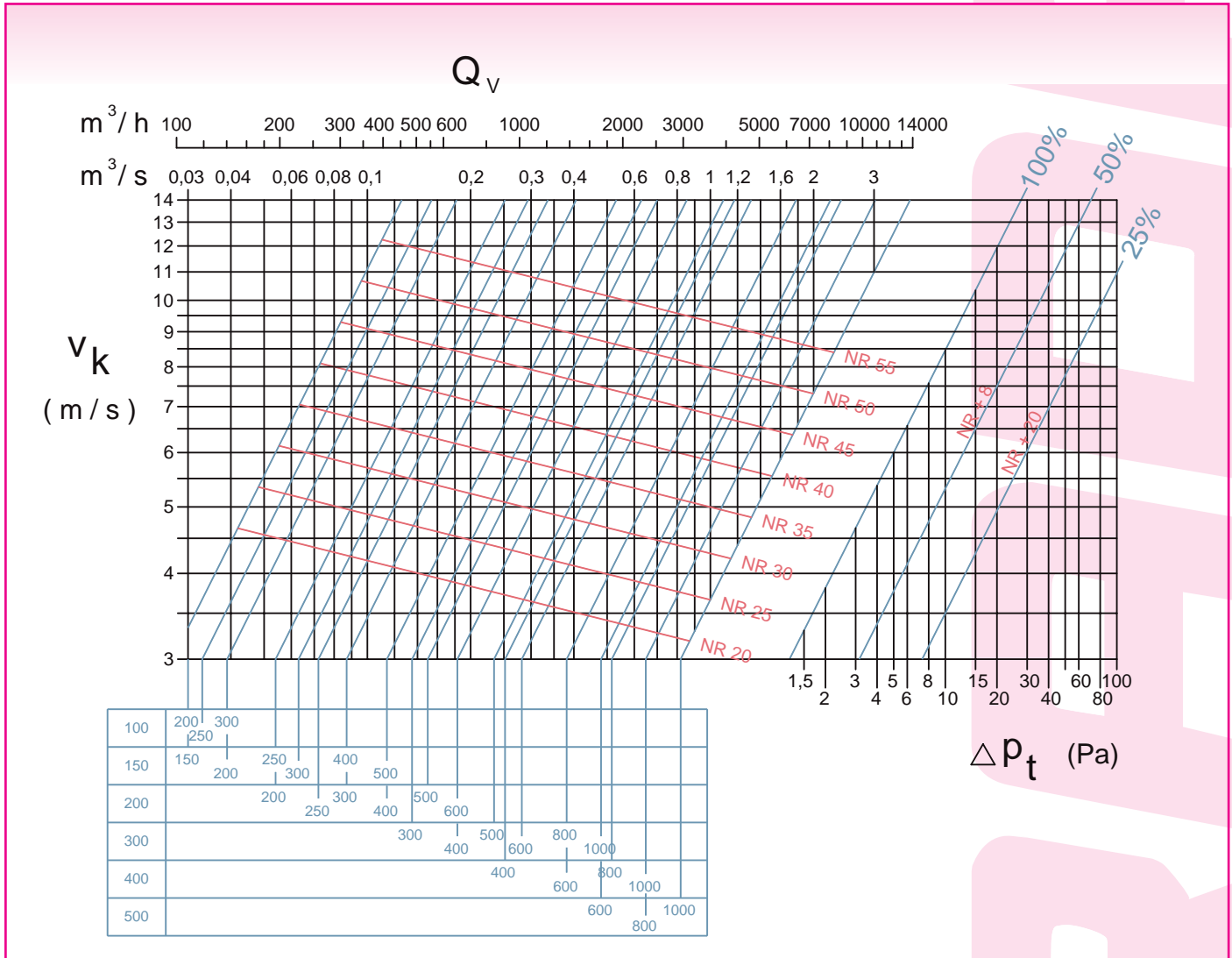
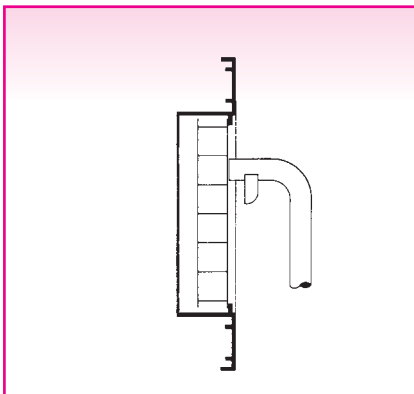


GRID CORE GRILLE A-770/A-780

Selection diagram - exhaust



Air flow rate measurement- exhaust



Velometer jet: 2220 A or 6070

H (mm)	A_k - values (m^2)							
	L (mm)							
	200	250	300	400	500	600	800	1000
100	0,009	0,011	0,013	-	-	-	-	-
150	0,013	0,018	0,021	0,029	0,038	-	-	-
200	0,018	0,024	0,029	0,038	0,050	0,061	-	-
300	-	-	0,045	0,061	0,078	0,094	0,127	0,160
400	-	-	-	0,084	-	0,127	0,172	0,216
500	-	-	-	-	-	0,160	0,216	0,275

Example

- Exhaust air flow rate $q_v = 0,5 m^3/s$
- Grille: 500 x 300 mm
- Air velocity $v_k = 6,5 m/s$
- Noise level NR 40
- Total pressure loss with damper 50% open: $\Delta p_t = 15 Pa$
- Noise level correction: NR 40 + 8 = NR 48