VARIABLE SWIRL DIFFUSER WR300

Diagram n°1

Horizontal throw (L_T) at Δ_t (-10 K) SIZE 400 mm

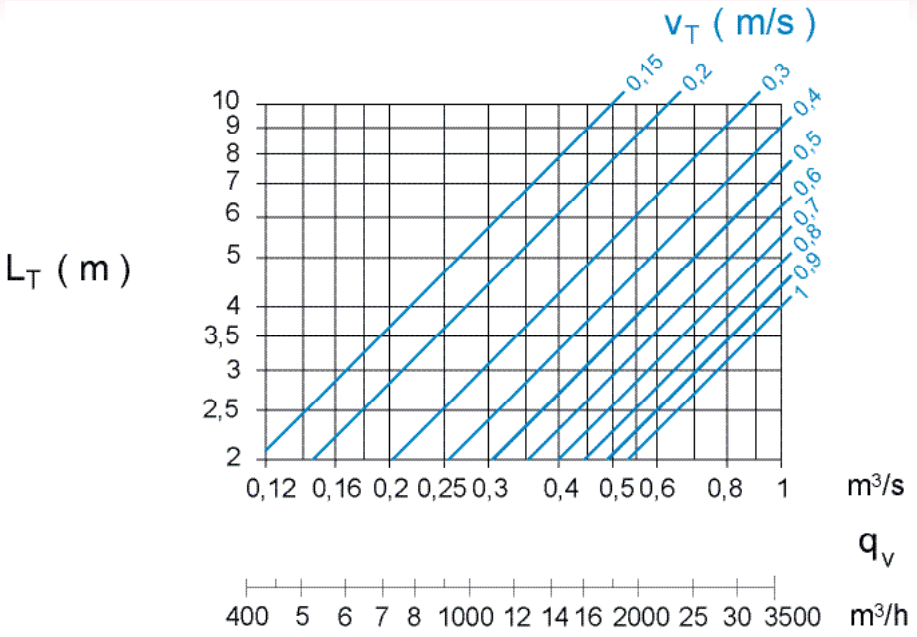


Diagram n°2

Vertical throw (L_T) at Δ_t (+…K) SIZE 400 mm

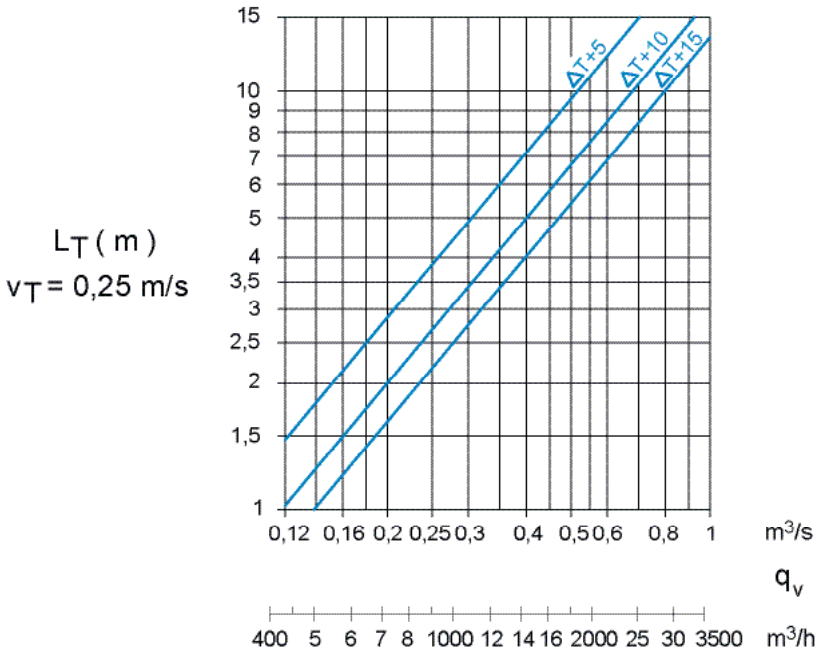


Diagram n° 5

Pressure loss and noise level (=sound power level without room attenuation)

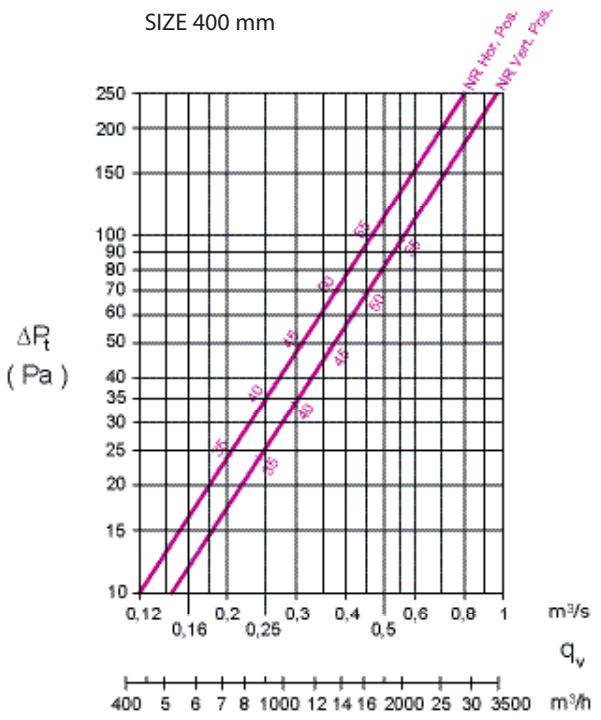
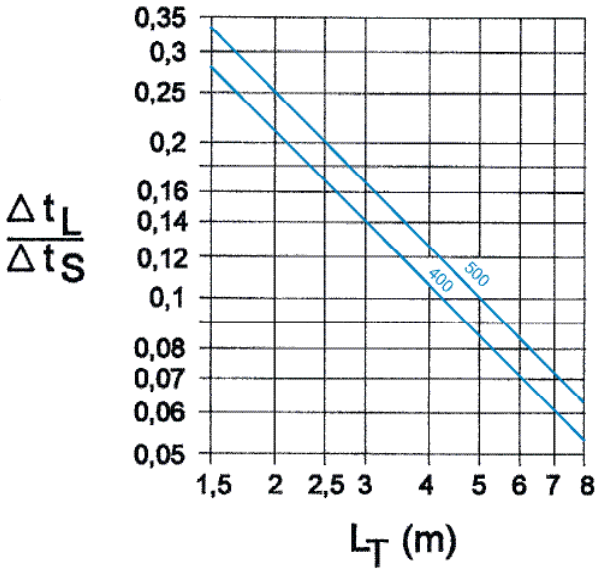


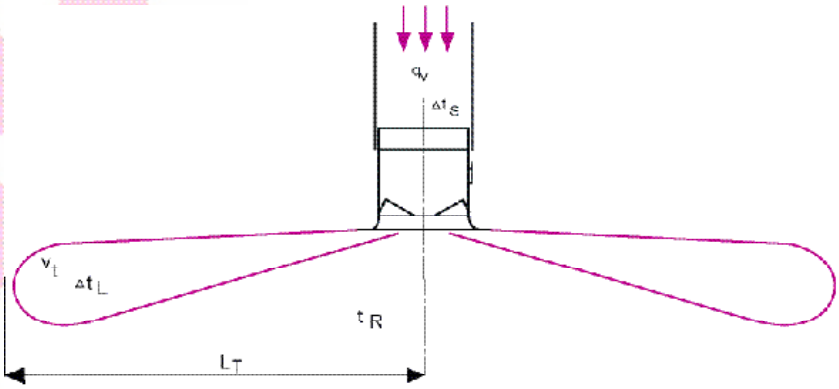
Diagram n° 6

Temperature quotient - cooling (-10 K) - horizontal pattern



Selection example

Horizontal throw



Vertical throw

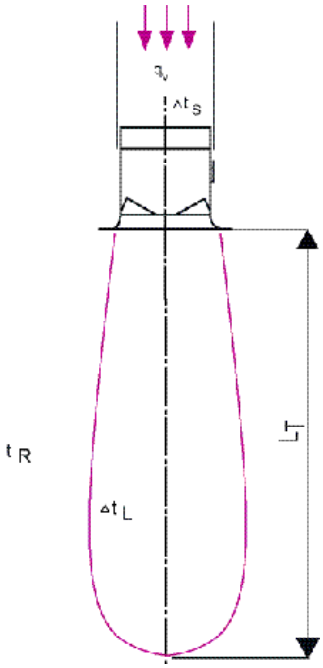


diagram n° 1:

- q_v = 1400 m^3/h (= 0,4 m^3/s)
- Horizontal throw L_T = 4,5m at v_T = 0,3 m/s

diagram n° 2:

- q_v = 1400 m^3/h (= 0,4 m^3/s)
- Vertical throw L_T = 4 m at heating ΔT + 15 K and v_T = 0,25 m/s

diagram n° 5:

- q_v = 1400 m^3/h (= 0,4m^3/s), vertical air pattern
- Pressure loss p_t = 55 Pa
- Noise level NR = 47

diagram n° 6:

- Horizontal throw L_T = 4,5 m (from diagram n° 1)
- Temperature quotient $\frac{\Delta t_L}{\Delta t_S}$ = 0,09 for nom. Ø 400 and with ΔT -10 K

Diagram n° 7

Horizontal throw (L_T) for Δt = -10K

Size 250 mm

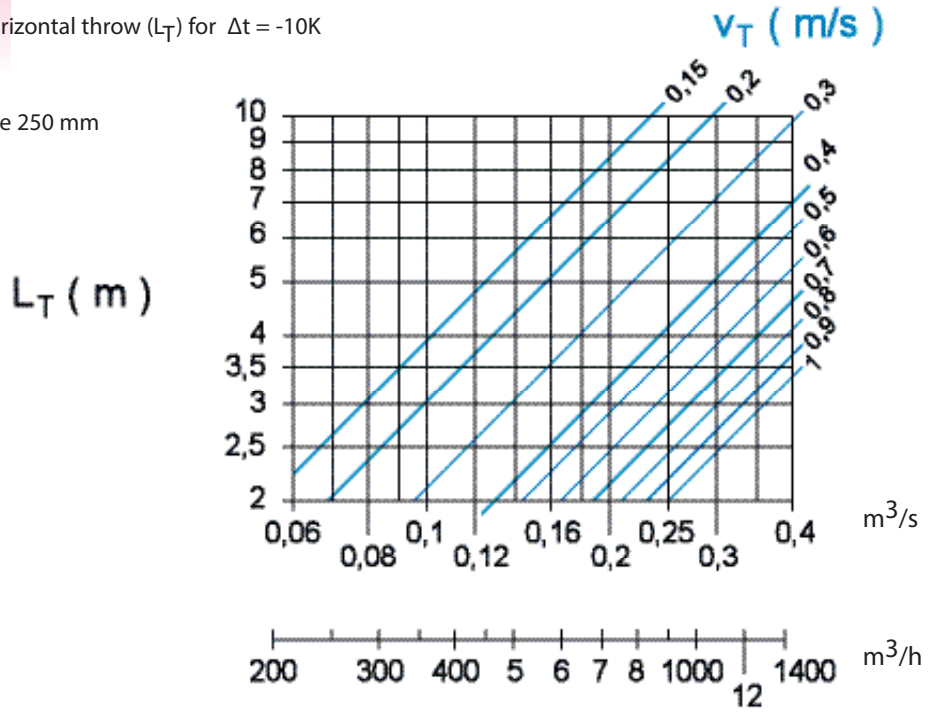


Diagram n° 8

Vertical throw (L_T) for Δ t = +...K

Size 250 mm

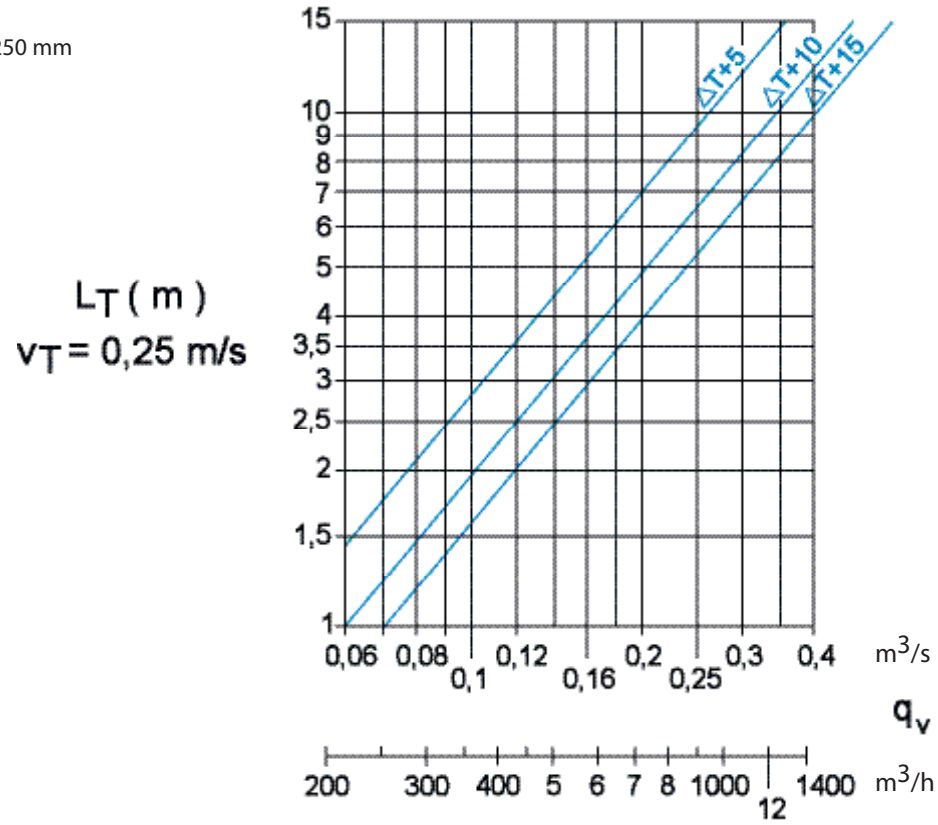


Diagram n° 9

Horizontal throw (L_T) for Δt = -10K

Size 315 mm

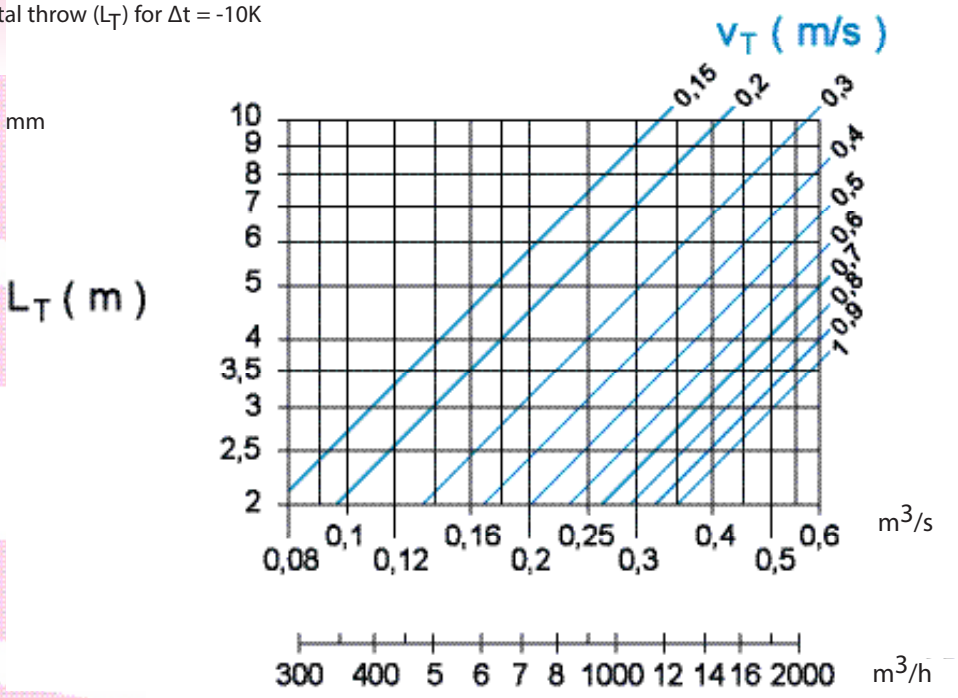


Diagram n° 10

Vertical throw (L_T) for Δt = +...K

Size 315 mm

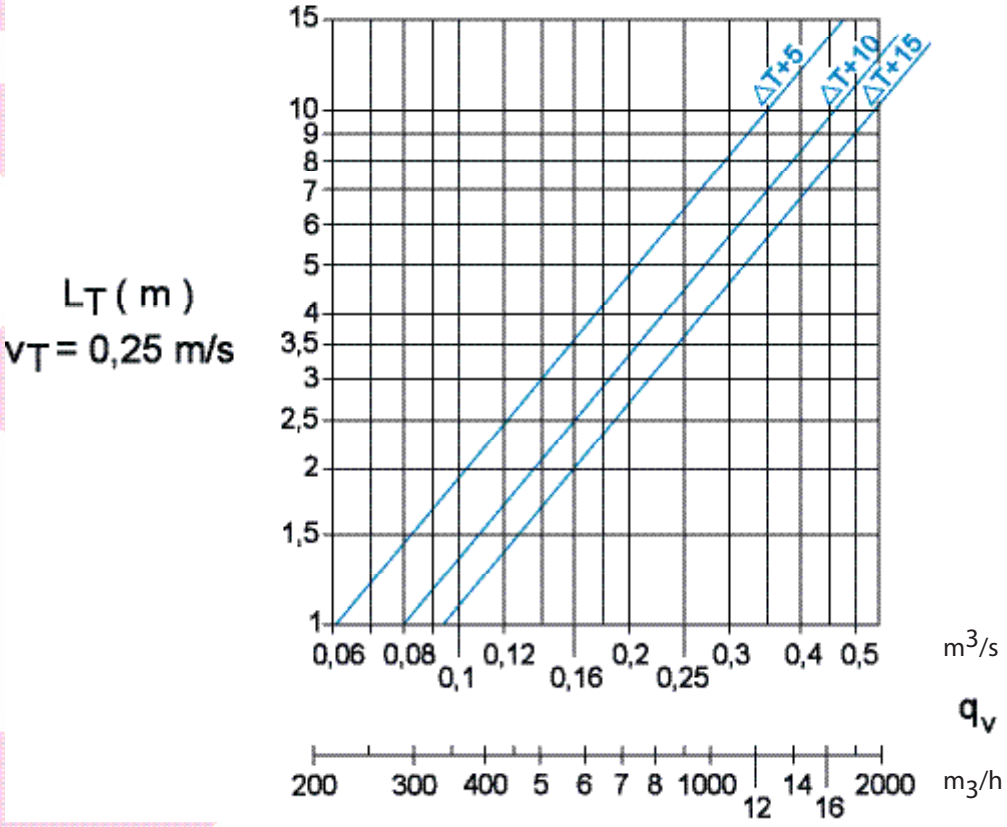
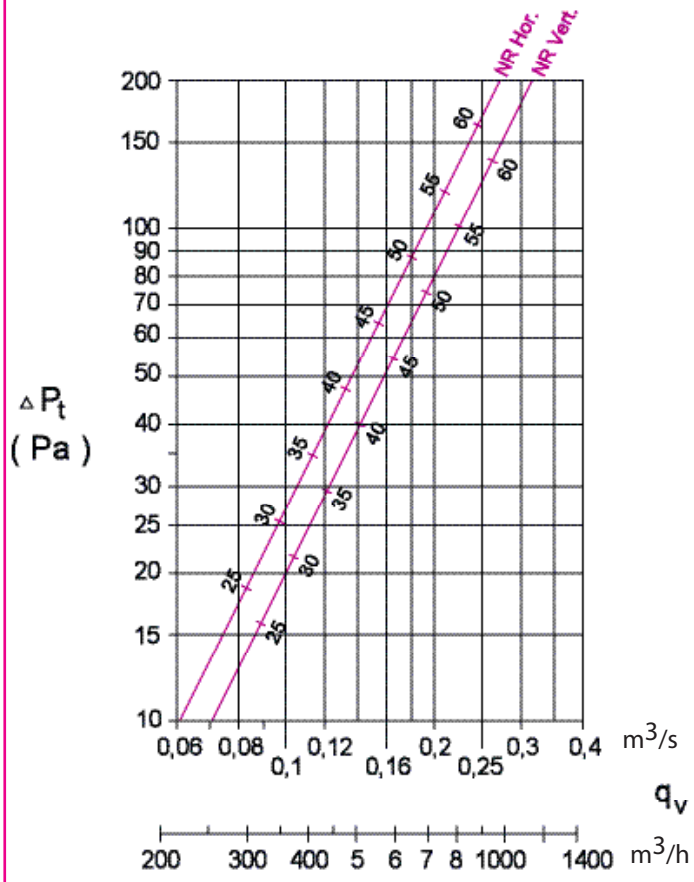


Diagram n° 11

Pressure loss and noise level (= sound power level without room attenuation)

Size 250 mm



Size 315 mm