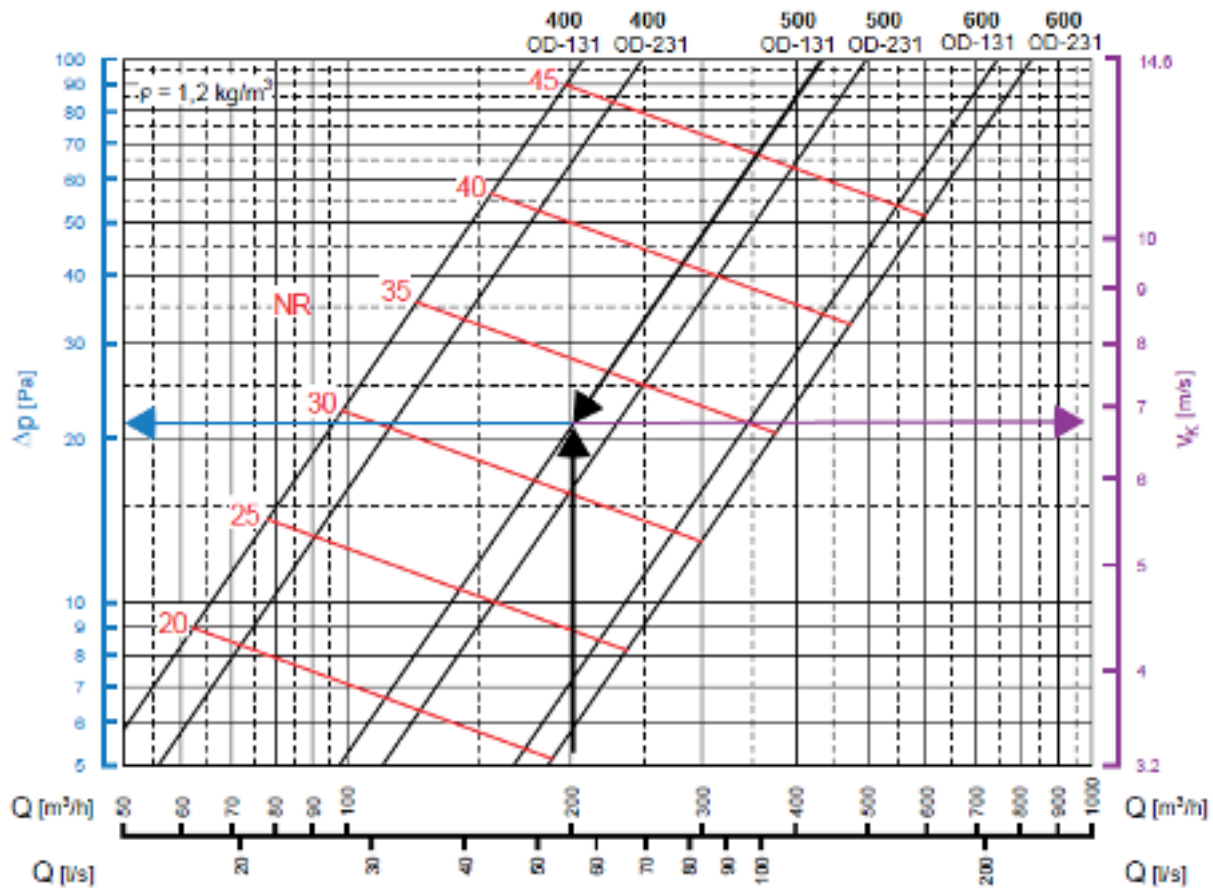


EFFECTIVE AREA TABLE (m²)

| BxB (mm) | S (m ²) | | Weight / Ağırlık (kg) | #Nozzles / #Nozüller | |
|----------|---------------------|--------|--------------------------|----------------------|--------|
| | OD-131 | OD-231 | | OD-131 | OD-231 |
| 400x400 | 0,0042 | 0,0336 | 1,6 | 24 | 20 |
| 500x500 | 0,0106 | 0,0434 | 2,6 | 48 | 42 |
| 600x600 | 0,0212 | 0,0545 | 3,1 | 80 | 72 |

PRESSURE LOSS AND NOISE LEVELS



- Q [m³/h] supply air flow rate
- v_k [m/s] outlet velocity from the diffuser
- Δp [Pa] total pressure loss
- NR noise rating (ISO standard, in relation to 10^{-12} W) taking no account of the attenuation of the room

| | | | | |
|---------------|-----------|------------------|---------------|-----------------|
| Submittal No. | Revision: | Date: 01/01/2019 | Submitted by: | Date submitted: |
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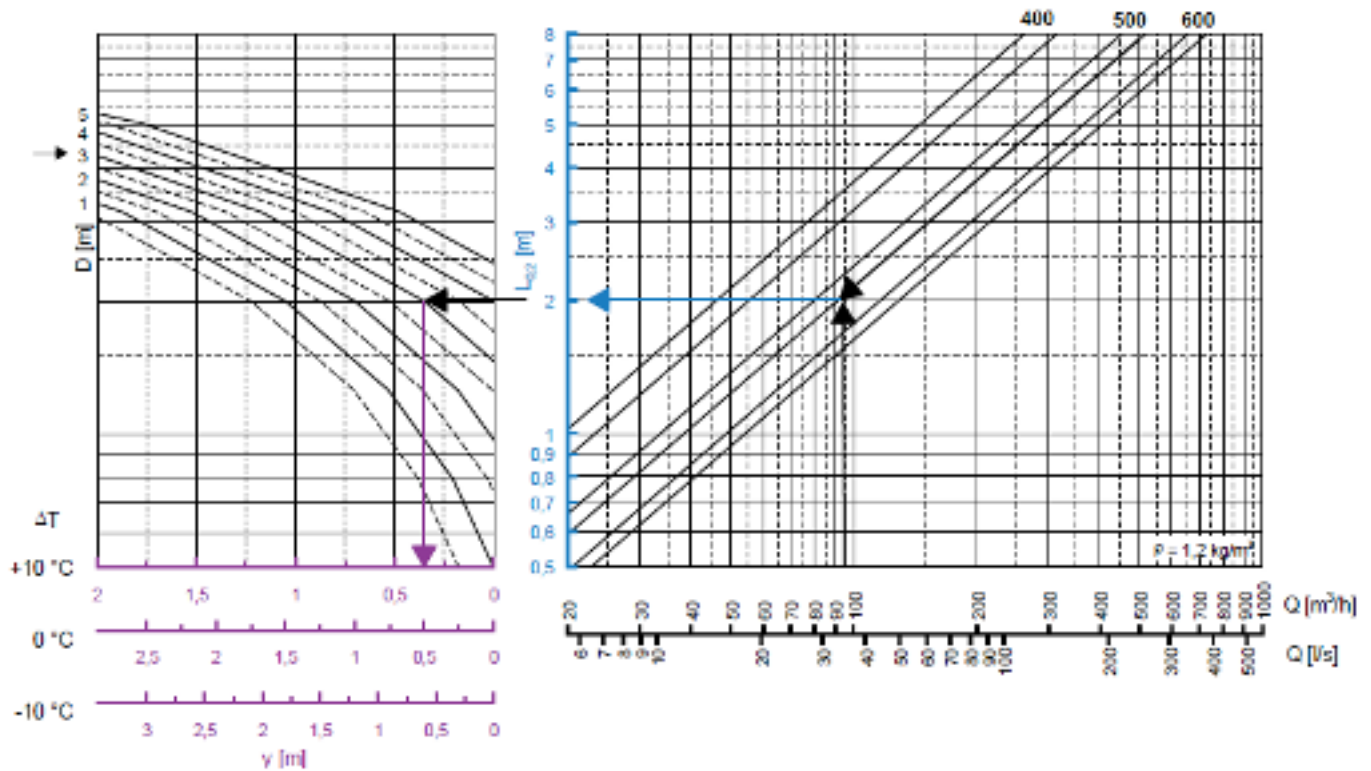


MODEL OD

OYSTER DIFFUSERS

Performance Data

THROW DISTANCES



- Q [m^3/h] or [l/s] supply air flow rate
- v_m [m/s] average velocity of the throw at distance L
- L [m] diffusion radius ($= x + y$)
- x [m] horizontal dimension of the throw
- y [m] vertical dimension of the throw
- $L_{0,2}$ [m] diffusion radius with terminal velocity 0.2 m/s
- D [m] distance between two diffusers
- ΔT [$^\circ\text{C}$] difference between supply air temperature and ambient temperature

| | | | | |
|---------------|-----------|------------------|---------------|-----------------|
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