

Manage Report

Project PROJECT X

Current room Room1

Dimensions 6,00m x 4,00m x 2,70m

Requirements

Supply Exhaust Outdoor

Position Left wall

Columns 1 Rows 1

Total airflow m³/h 360

Room temperature °C 23,0

Jet temperature °C 20,0

Sound power limit 35dB(A)

Maximum pressure drop 30,0Pa

Maximum effective velocity (V_k) 8,00m/s

Selection (Supply) SHVN

Type 400 x 150

Airflow range 150m³/h..1000m³/h

Sound power range <20dB(A)..53dB(A)

Symmetry

Supply unit simulation Column view

Unit airflow 360m³/h

Air changes per hour 5,6

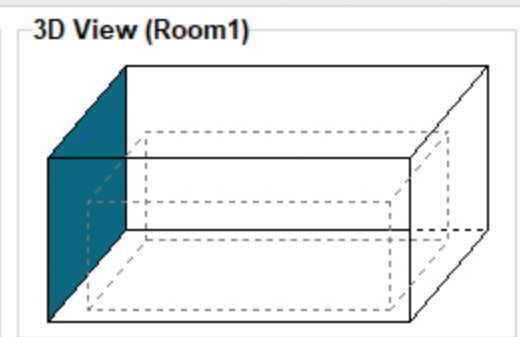
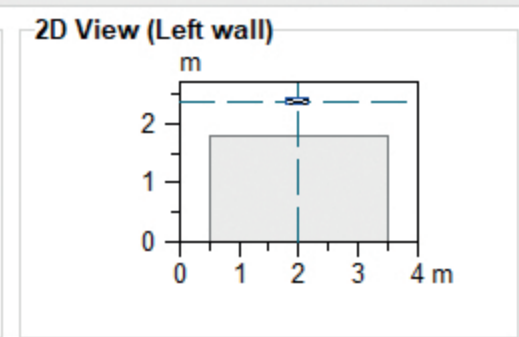
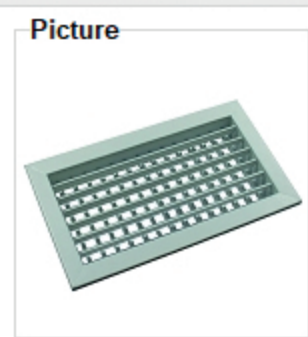
Unit sound power 26dB(A)

Unit pressure drop 4,5Pa

Effective area (A_k) 0,03112m²

Effective velocity (V_k) 3,21m/s

Delta T -3,0°C



Simulation (Column view)

Dynamic Variations

Airflow per unit m³/h 360 Supply air temperature °C 20,0 Blow angle ° 10 Coanda ON

