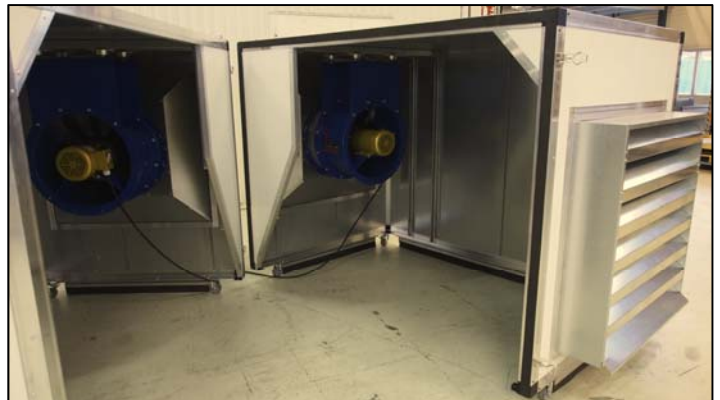
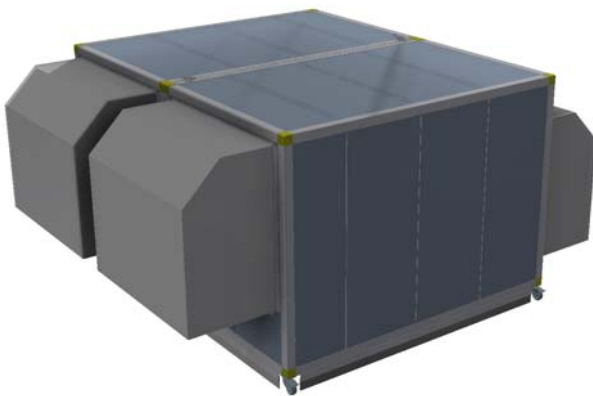


JOB REPORT



Sound canopy for compressor skid

Year: 2017
Project Name: Sound Canopy
ATC project no: 3340.00
Size (L x W x H mm): LxWxH 3400 x 2700 x 1600 mm
Materials: Aluminum / mild steel



Project Description / Challenges:

For a client, ATC got the contract to supply a sound canopy for a compressor skid giving a minimum of 10 dB noise reduction.

Easy handling, installation and service access was essential, hence the canopy was built in 2 parts with wheels and handles, so that it could easily be moved for maintenance.

To remove 52 kW heat dissipation from the equipment, the canopy was fitted with 2 large fresh air fans, circulating almost 14 000 m³ per hour.

For noise reduction, the sound canopy was assembled from insulated panels with perforated plates internally. The air inlets and outlets were fitted with large noise reducing louvers and hoods, which resulted in approx. 15 dB reduction.

Scope of Work:

ATC`s scope of work for this project comprised engineering, noise predictions, procurement, construction and testing of the canopy.