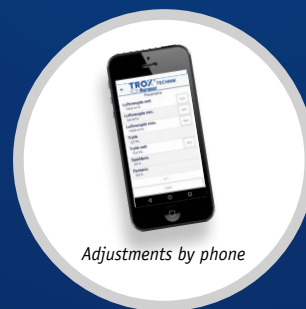


► Svalbard-I Comfort ►►



The **ONLY** chilled beam on the market with pressure independent VAV function.

- Optimal comfort
- Lower installation costs
- Lower energy consumption



Adjustments by phone

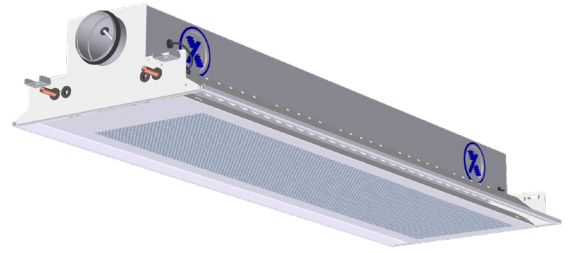


TROX

► Built in VAV function ►►

The only chilled beam on the market with pressure independent VAV function, which gives optimal comfort, lower installation costs and saves energy!

Svalbard-I Comfort has an unique VAV function implemented, which remove the need for external regulating damper and secure complete pressure independence. The VAV damper in the inlet regulate the primary airflow according to the need in the room, and with a secondary actuator the nozzles are adjusted to give a constant nozzle velocity. This secure high induction with even low airflow, increase the cooling capacity and make sure the comfort in the room are kept without drop from the chilled beam.



Svalbard-I Comfort have two actuators integratd to control both the air volume and nozzle position. Inspecting hatches (with TROX logo) gives easy access to the actuators.

Advantages

Svalbard-I Comfort can be used for ventilation and water based cooling and heating for offices, meeting rooms, education areas etc. The chilled beam give high cooling capacity without draft in the occupied zone. Svalbard-I Comfort can be integrated in different types of system ceiling with 600 mm modules. The operating costs are reduced by increased cooling capacity with lower airflow. This give optimal comfort and lower energy consumption.

Svalbard-I Comfort

- Can be integraded in different types of system ceilings
- Length 1200, 1800 and 2400 mm
- Pressure independent VAV solution
- Constant induction factor, also with variable airvolume
- App with Bluetooth communication for easy commissioning and service
- Capacity calculation and 3D simulation in AURASIM
- Full control of air volume give lower noise production
- Larger cooling coil for maximum cooling capacity possible
- All in one unit, save time and costs during installation



Air flow direction adjustet by Jet Split



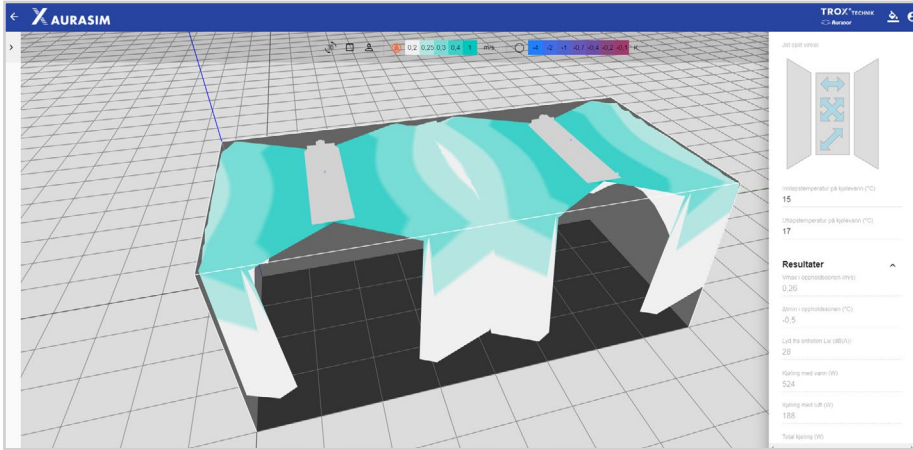
Integrated X-Sense (temperature sensor and motion detector)



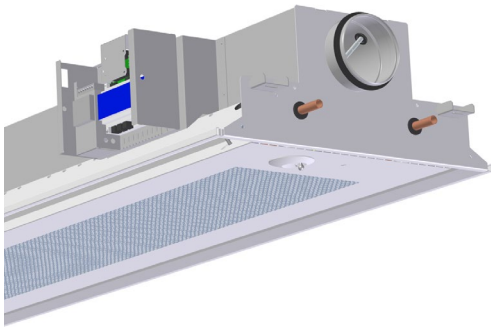
► Svalbard-I Comfort ►►

AURASIM

Svalbard-I Comfort can be calculated and 3D simulated in AURASIM. The flow pattern can be adjusted by Jet Split, which also can be simulated in the program. Log in at www.aurasim.no



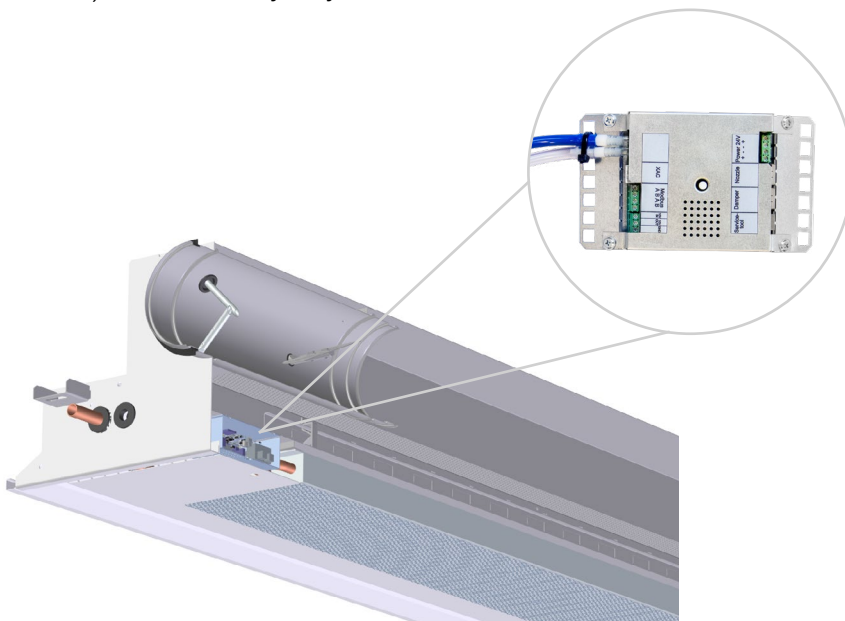
The app TROX ECA can be used for commissioning and service. The app communicates wireless with phone or tablet by Bluetooth.



X-AIRCONTROL

Svalbard-I Comfort can be connected to TROX X-AIRCONTROL by a RJ12 cable, and communicate with the system by Modbus. More information about X-AIRCONTROL can be found on our website: www.trox.no

The zone module can be premounted on the chilled beam for easy installation. Integration of X-Sense (temperature sensor and motion detector) can be made in the front of the Chilled Beam.



The controller have Bluetooth connection for easy commissioning, air volume regulation by 0-10 V input signal, Modbus RTU communication and PC servicetool.



Push button for pairing with phone or tablet by Bluetooth.



TROX

TROX Auranor AS
Auranorvegen 6
NO-2770 Jaren
Tlf: +47 61 31 35 00
www.trox.no/en