



TVL

FOR NORMAL AND HIGH VOLUME FLOW RATE RANGE

Rectangular VAV terminal units for standard applications regarding the supply air or extract air control in variable air volume systems

■ Suitable for the control of volume flow rate, room pressure or duct pressure

■ Electronic control components for different applications (Easy, Compact, Universal)

■ High control accuracy

■ For volume flow rate ranges up to 36,360 m³/h or 10,000 l/s

■ Suitable for airflow velocities up to 10 m/s

■ Operation pressure 50 to 1000 Pa

Optional equipment and accessories

■ Secondary silencer Type TX for the reduction of air-regenerated noise

■ Hot water heat exchanger of Type WT for reheating the airflow

General information



Construction features

- Rectangular casing
- Aerofoil type damper blade in an opposed blade configuration.
- Position of the damper blade indicated externally at shaft extension

Materials and surfaces

Galvanized sheet steel construction

- Casing made of galvanized sheet steel
- Shaft made of galvanized steel
- Damper blades and differential pressure sensor made of aluminum
- Sintered bronze bearings

Mineral wool

- _ Internal fibre glass insulation lining.
- Faced with woven glass fabric as protection against fibre erosion through airflow velocities of up to 20 m/s
- Resistant to fungal and bacterial growth

Installation and commissioning

- Damper blades have to be horizontal
- Return edges of the casing with drilled holes suitable for M8 threaded rods