



TELLUS-LØV VAV

- Unique damper function
- Extensive working range
- Belimo MP-Bus

APPLICATION



Tellus-LØV VAV is a circular supply diffuser for open installation with VAV function. It has excellent induction and is suitable for both constant and variable air flow rate.

Design

Tellus-LØV VAV is designed as a complete measurement and regulating unit for demand control of air flow in the ventilation system. The measuring station measures the differential pressure via a sensor integrated into the unit. The unit is equipped with a CHV-VAV-MP regulator from Belimo. The regulator specifications are provided in the table below. Tellus-LØV VAV has a removable front plate with LØV perforation. Tellus-LØV VAV is available in both high-profile and low-profile design.

DESCRIPTION

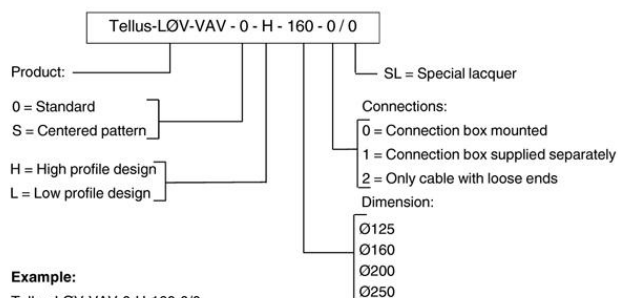


Materials and surfaces

Tellus-LØV VAV has a galvanised steel finish. The damper is fitted with a polyester cloth. The spigot has an EPDM rubber gasket. Tellus-LØV VAV are delivered in RAL 9003 - gloss 30.

TECHNICAL INFORMATION

ORDER CODE, Tellus-LØV VAV



Example:

Tellus-LØV-VAV-0-H-160-0/0

Explanation:

Tellus-LØV-VAV with standard pattern, high-profile design, dimension Ø160, connection box mounted, powder coated in standard RAL 9003 – gloss 30.

	(Open) m³/h		
Dim.	25 dB(A)	30 dB(A)	35 dB(A)
125	163	197	239
160	306	375	461
200	388	465	557
250	441	541	663

	(75 Pa) m³/h		
Dim.	25 dB(A)	30 dB(A)	35 dB(A)
125	115	170	234
160	252	332	440
200	260	396	550
250	370	475	641

Tellus-LØV VAV has a built-in VAV regulator for demand control of air flow. The damper solution will choke the pressure at high flow rates and maintain a low sound level. This may reduce the need for additional dampers and sound attenuators in a duct system. Tellus-LØV VAV is supplied with Belimo MP-Bus. For communication with Modbus, LON, KNX and BACnet, a Belimo UK 24-Gateway can be utilised.

Measurement deviation for the area:

- 10-20% of nominal: $\pm 25\%$
- 20-40% of nominal: $< \pm 10\%$
- 40-100% of nominal: $< \pm 4\%$

In order to sustain the product's measurement accuracy, straight ducting of min. 5 x ØD is recommended.