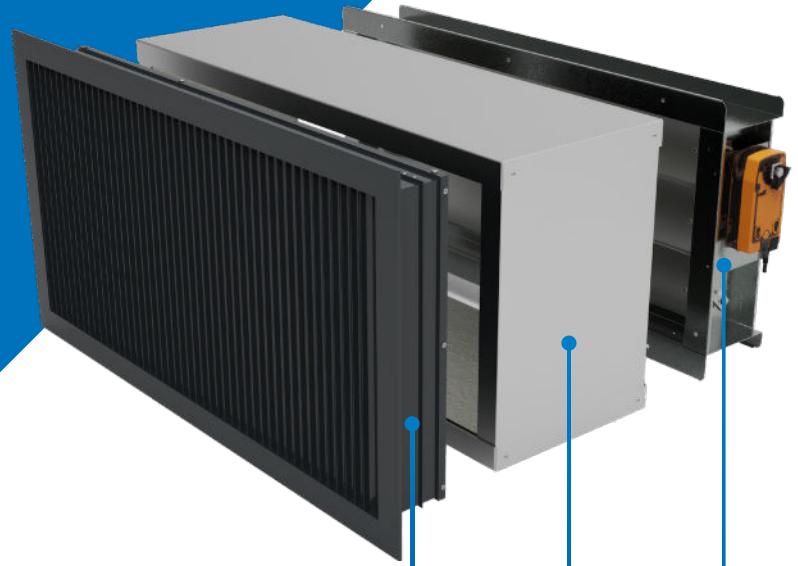


TRIVENT

LOUVRE SLEEVE DAMPER

BY

AMS
AIR MOVEMENT SUPPLIES



LOUVRE

A1 rated and BSRIA tested.

SLEEVE

Fully insulated and cold bridge free.

DAMPER

Class C4, heavy-duty, low leakage and fully insulated.

- ▶ The Trivent combination unit (louvre, sleeve, damper) is developed for use in large data centre projects where there is a requirement for maximum free cooling through large openings.
- ▶ The Trivent combination unit provides volume control at a low pressure drop through an A1 rated louvre.
- ▶ The unit is fully insulated, cold bridge free and includes insulated blades in the damper as well as an insulated sleeve at the rear of the louvre. The standard louvre is a stormproof horizontal blade, however can also be provided in a vertical arrangement.
- ▶ The Trivent combination unit can be shipped in one section for ease of installation and can form part of a multiple assembly to achieve any overall size. The maximum single section is up to 2 × 2 meters.
- ▶ The Trivent combination unit can be finished to any RAL colour and the motors on the heavy-duty volume control damper can vary between 0-10V signal.
- ▶ The real benefit of the Trivent combination unit is in its off-site assembly meaning installation is carried out in minutes rather than the need for a full assembly crew.

AMS
AIR MOVEMENT SUPPLIES

Unit 23, Second Avenue, Cookstown
Ind. Est., Tallaght, Dublin 24, D24 FP95.

Ph: +353 1 463 4300

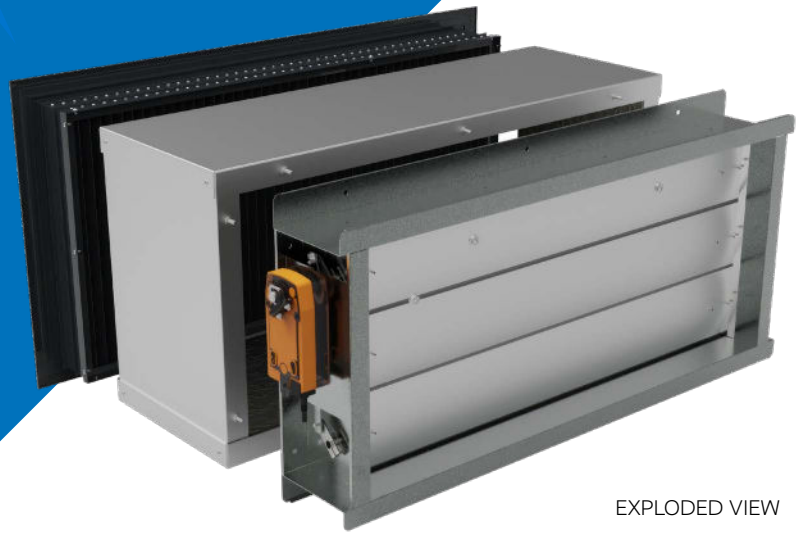
www.amsventilation.com

TRIVENT

LOUVRE SLEEVE DAMPER

BY

AMS
AIR MOVEMENT SUPPLIES



EXPLODED VIEW

SPECIFICATION

- ▶ Fully insulated damper complete with 50mm insulated sleeve.
- ▶ Casing constructed of 3mm high-grade ALU AIMg3 (5754).
- ▶ Blades specification to ALU 6060-T66 extruded.
- ▶ Opposed blade damper Class 4 blade leakage and Class C casing leakage to EN 1751.
- ▶ Insulated blades complete with polyurethane injection moulds.
- ▶ Blades complete with jamb seals.
- ▶ Stainless steel side seals for additional air tightness classification.
- ▶ Stainless /steel spindle – square and solid.
- ▶ Oilite bronze bushing.
- ▶ Drive mechanism is fully encased and insulated for protection.
- ▶ Drive mechanism is maintenance-free.
- ▶ Temperature range from -30°C to $+80^{\circ}\text{C}$.
- ▶ Fully assembled with fixing brackets for easy install.
- ▶ Class A1 vertical louvre suitable for intake and relief air demands.
- ▶ Class A1 Rain resistance up to 3.5m/s in accordance with BS EN 13030:2001.
- ▶ Mean coefficient of entry 0.329.
- ▶ Optional face-mounted stainless steel mesh system suitable for demounting – thickness 0.2mm, free area approx 71%.

AMS
AIR MOVEMENT SUPPLIES

Unit 23, Second Avenue, Cookstown
Ind. Est., Tallaght, Dublin 24, D24 FP95.

Ph: +353 1 463 4300

www.amsventilation.com