

Multi-purpose ventilators and multi-purpose industrial ventilators

Ventilation and heat dissipation in all weathers



- Tested in acc. with EN 12101-2 pneumatic or electric
- Versions made of polycarbonate or aluminium
- Standalone unit or integrated in the continuous rooflight
- Tested in acc. with VdS directives
- Available in two variants



For fast air exchange rates in all weathers

Flexible equipment with a visually striking design, the multi-purpose ventilator from INDU LIGHT is available in two variants.

The MZL multi-purpose ventilator combines high standards of thermal insulation with an appealing design. The MIL multi-purpose ventilator is the economical industry version and constitutes the lower-cost option, albeit with identical technical values.

Both can always be used whenever waste air or heat needs to be dissipated, regardless of the weather. Both versions meet the requirements of EN 12101-2 and have been VdS-tested. Increased snow load ratings round off the broad range of this ventilator.

Equipment variants: MZL and MIL

The multi-purpose ventilator is available in two equipment variants: the MZL multi-purpose ventilator and the MIL multi-purpose ventilator.

The MZL is characterised in visual terms by elegant corrugated aluminium profiles that help to direct wind flow. An appropriate kerb, designed for the installation of a 50 mm depth of thermal insulation, is included in the scope of delivery. The MIL, a multi-purpose ventilator optimised for industrial usage, is equipped with practical wind deflectors. The kerb is dimensioned to accommodate a single layer of thermal insulation.



Material versions

The top-opening good weather ventilation is available in the following versions:

- light-permeable multiwall polycarbonate sheets
- light-permeable double wing made of multiwall polycarbonate sheets
- light-impermeable double wing made of aluminium-polyurethane-aluminium (Alu-PUR-Alu)

The sheets for rain-protected bad weather ventilation are manufactured from aluminium.

With safety: VdS-tested acc. to DIN EN 12101-2

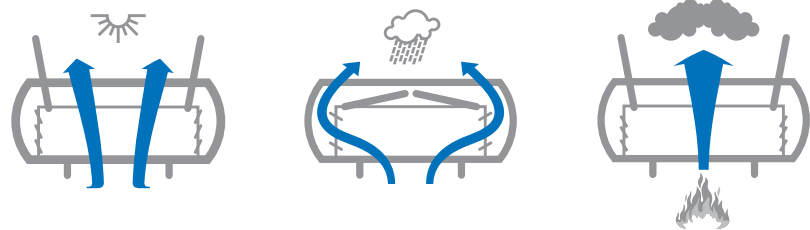
Play it safe when it comes to protecting persons and property: INDU LIGHT as your safety partner designs, delivers and installs individually dimensioned SHEV units. INDU LIGHT is a VdS-approved specialist constructor company certified in accordance with ISO 9001:2000 and an active member of the trade association Tageslicht und Rauchschutz e.V. (Daylight and Smoke Protection).

The CE approval of our products was carried out by the VdS. As pure ventilation devices, the dimensions of MZL and MIL units are infinitely variable. To create an approval-compliant version in acc. with EN 12101-2, we dimension the multi-purpose ventilator up to 1.20 x 2.50 m, 1.80 x 2.50 m and 2.50 x 2.50 m. Other dimensions are available on request.

During project planning of your smoke and heat exhaust units, we also take due account of all the dimensional definition standards including:

- DIN 18232
- VdS directives
- Industrial construction directive

Good/bad weather ventilation – SHEV

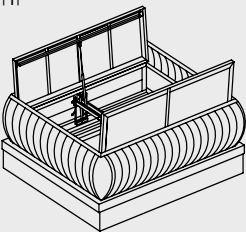


Good weather ventilation Bad weather ventilation Smoke and heat extraction

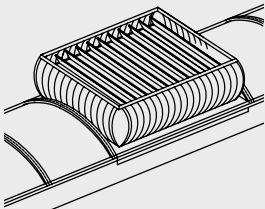
Application variants as a ventilation and SHEV unit:

MZL and MIL products can be used as standalone units in the entire roof area [1] and can also be integrated in shed rooflights, continuous rooflights in ridge-shaped roofs or can be used in their curved forms, Proline and Topline ELS [2].

[1]



[2]



Special equipment
Insect grille

Easy-care insect grilles are essential for the foodstuff processing industry and for other sectors requiring high standards of hygiene.

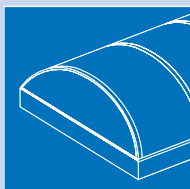


Technical data for multi-purpose ventilators and multi-purpose industrial ventilators

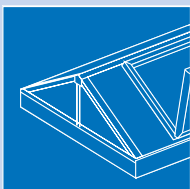
Nominal dimensions [m]	A _v [m ²]	A _s [m ²]
1.20 x 2.50	3.000	1.950
1.80 x 2.50	4.500	2.925
2.50 x 2.50	6.250	4.063

Modular product range

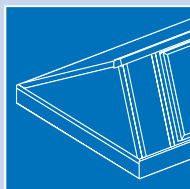
Continuous rooflights



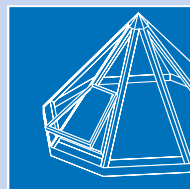
Topline ELS
Proline



Skyline

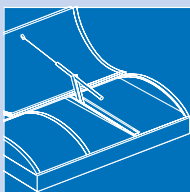


Shedline

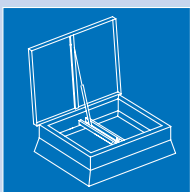


Glass roof
structures
and customised
rooflights

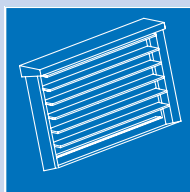
Smoke and heat ventilation systems (SHEV)



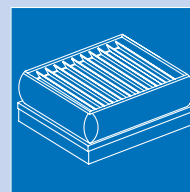
Top / Pro flap



Rooflight

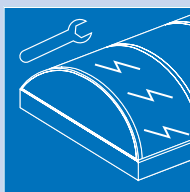


Louvered ven-
tilator

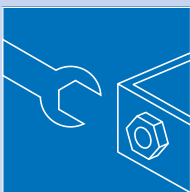


Multi-purpose
ventilator

Renovation – maintenance



Renovation



Maintenance

INDU LIGHT

Produktion & Vertrieb GmbH
Willi-Brundert-Strasse 3
D-06132 Halle/Saale
Tel.: +49 (0)345 7 72 96 - 0
Fax: +49 (0)345 7 72 96 - 11
E-mail: halle@indu-light.de
www.indu-light.de

INDU LIGHT

Produktion & Vertrieb GmbH
Lauterbachstrasse 38
D-78586 Deilingen
Tel.: +49 (0)7426 52 70 - 0
Fax: +49 (0)7426 38 11
E-mail: deilingen@indu-light.de

INDU LIGHT

West Vertrieb GmbH
Schützenwall 30
D-48653 Coesfeld
Tel.: +49 (0)2541 92 62 - 0
Fax: +49 (0)2541 92 62 - 12
E-mail: coesfeld@indu-light.de

INDU LIGHT

Indu-Light AG / SA
Industriestrasse 23
CH-6215 Beromünster LU
Tel.: +41 (0)41 932 41 00
Fax: +41 (0)41 932 41 05
E-mail: info@indu-light.ch
www.indu-light.ch

INDU LIGHT

Tageslicht- und BrandschutzTechnik Vertriebs GmbH
D'Orsay-Gasse 4/1
A-1090 Vienna
Tel.: +43 (0)1 319 25 00
Fax: +43 (0)1 319 25 00 25
E-mail: contact@indu-light.at
www.indu-light.at

