Our System FLW 40 with its thermally-broken framework and triple-glazed louvres offers new design possibilities, with its exceptionally low U-values and improved sound reduction, together with a robust construction and reliable operating mechanism.

The system allows a high degree of natural lighting through its unobtrusive framework, which comprises a 40mm main frame and 28mm louvre frames.

The main frame consists of press-formed mitred joints, which enhance the aesthetic appearance.

In addition, the main frame of the System FLW 40 is available as one of three options:

- System FLW 40 - excluding installation adapters, e.g. when fixing into masonry openings.
- System FLW 40_17 supplied complete with an integrated installation adapter 17 x 40 mm, e.g. for fixing into a curtain walling system.
- System FLW 40_25 supplied complete with an integrated installation adapter 25 x 40 mm, e.g. for fixing into a window-frame.

The glass louvres comprise 40mm deep triple-glazed elements, which can consist of a variety of glass types. Taking into account the minimum and maximum louvre blade heights (250mm up to 500mm), the actual number of louvres can be varied to suit the application.

Subject to the overall size of the window and the louvre blade heights, we can manufacture units with frame widths of up to 2500mm.

Louvre windows exceeding 3m high can also be coupled, enabling, in principle, no limit to the overall height of an application.

Either manual, motorized or pneumatic actuators are available with the FLW 40 series.

Style meets Function:
The SmoTec model represents the culmination of development work on both the FGL and FLW louvred window units. This is a fully certified natural smoke & heat exhaust ventilator (NSHEV), having been tested to all relevant categories under EN 12101-2: 2003.

The FLW 40 SmoTec Louvre Window is supplied complete with a 24V motor.

Our production quality control, under which every ventilator has an operational check prior to despatch, ensures that each consignment is fit for purpose. Each SmoTec unit is dispatched with a CE marked Certificate of Conformance to EN 12101-2, confirming that it meets the highest safety standards.
Our System FLW 28 with its thermally-broken framework and double-glazed louvres combines a high degree of transparency, robust construction and a reliable operating mechanism.

The FLW series is characterized throughout by unobtrusive framework.

The vertical side-sections are 40mm, whilst the centre-mullions are 60mm and the horizontal frames are 20mm. The louvre frames are also slimline at 20 mm around.

The glass louvres comprise 28mm deep double-glazed elements, which can consist of a variety of glass types.

Taking into account the minimum and maximum louvre blade heights (175mm up to 325mm), the actual number of louvres can be varied to suit the application.

Subject to the overall size of the window and the louvre blade heights, we can manufacture units with frame widths of up to 2000mm.

For larger spans we have developed a special centre mullion. Either manual, motorized or pneumatic actuators are available with the FLW series.

Style meets Function:

The SmoTec model represents the culmination of development work on both the FGL and FLW louvred window units. This is a fully certified natural smoke & heat exhaust ventilator (NSHEV), having been tested to all relevant categories under EN 12101-2: 2003.

The FLW SmoTec Louvre Windows can be supplied complete with a 24V motor or a pneumatic actuator.

Our production quality control, under which every ventilator has an operational check prior to despatch, ensures that each consignment is fit for purpose. Each SmoTec unit is dispatched with a CE marked Certificate of Conformance to EN 12101-2, confirming that it meets the highest safety standards.
Our System FLW 24 with its thermally-broken framework and double-glazed louvres combines a high degree of transparency, robust construction and a reliable operating mechanism.

The FLW series is characterized throughout by unobtrusive framework.

The vertical side-sections are 40mm, whilst the centre-mullions are 60mm and the horizontal frames are 20mm. The louvre frames are also slimline at 20 mm all around.

The glass louvres comprise 24mm deep double-glazed elements, which can consist of a variety of glass types.

Taking into account the minimum and maximum louvre blade heights (175mm up to 325mm), the actual number of louvres can be varied to suit the application.

Subject to the overall size of the window and the louvre blade heights, we can manufacture units with frame widths of up to 2000mm.

For larger spans we have developed a special centre mullion.

Either manual, motorized or pneumatic actuators are available with the FLW series.

**System FLW 24 SmoTec**

Style meets Function:
The SmoTec model represents the culmination of development work on both the FGL and FLW louvred window units. This is a fully certified natural smoke & heat exhaust ventilator (NSHEV), having been tested to all relevant categories under EN 12101-2: 2003.

The FLW SmoTec Louvre Windows can be supplied complete with a 24V motor or a pneumatic actuator.

Our production quality control, under which every ventilator has an operational check prior to despatch, ensures that each consignment is fit for purpose. Each SmoTec unit is dispatched with a CE marked Certificate of Conformance to EN 12101-2, confirming that it meets the highest safety standards.
System FGL – PG Overlapping

Our FGL Single-Glazed system, shown here with overlapping louvres, mounted on stainless steel brackets, combines a high degree of transparency, without compromising its functionality.

The unobtrusive framework (37mm on the vertical, 17mm on the horizontal & 53mm for a centre-mullion) reinforces an “all glass” appearance.

Taking into account the minimum and maximum louvre blade heights (175mm up to 325mm), the actual number of louvres can be varied to suit the application.

As a rule, we can manufacture louvre blades to cover 1600mm in a single span. For larger spans we have developed a special centre mullion.

Subject to the application, the FGL series can be manufactured using 8mm up to 12mm thick glass.

The glazing for the FGL-PG System is fixed using stainless steel mounting brackets, fitted with stainless steel screws through pre-drilled holes.

Both manual and motorized actuators are available.

System FGL SmoTec PG Overlapping

Style meets Function:

The SmoTec model represents the culmination of development work on both the FGL and FLW louvred window units. This is a fully certified natural smoke & heat exhaust ventilator (NSHEV), having been tested to all relevant categories under EN 12101-2: 2003.

The FGL SmoTec Louvre Windows are supplied complete with a 24V motor.

Our production quality control, under which every ventilator has an operational check prior to despatch, ensures that each consignment is fit for purpose. Each SmoTec unit is dispatched with a CE marked Certificate of Conformance to EN 12101-2, confirming that it meets the highest safety standards.
Our FGL Single-Glazed system, shown here with stepped louvres, mounted on stainless steel brackets, combines a high degree of transparency, without compromising its functionality.

The unobtrusive framework (37mm on the vertical, 17mm on the horizontal & 53mm for a centre-mullion) reinforces an “all glass” appearance.

Taking into account the minimum and maximum louvre blade heights (175mm up to 325mm), the actual number of louvres can be varied to suit the application.

As a rule, we can manufacture louvre blades to cover 1600mm in a single span. For larger spans we have developed a special centre mullion.

Subject to the application, the FGL series can be manufactured using 8mm up to 12mm thick glass.

The glazing for the FGL-PG System is fixed using stainless steel mounting brackets, fitted with stainless steel screws through pre-drilled holes.

Both manual and motorized actuators are available.

The SmoTec model represents the culmination of development work on both the FGL and FLW louvred window units. This is a fully certified natural smoke & heat exhaust ventilator (NSHEV), having been tested to all relevant categories under EN 12101-2: 2003.

The FGL SmoTec Louvre Windows are supplied complete with a 24V motor.

Our production quality control, under which every ventilator has an operational check prior to despatch, ensures that each consignment is fit for purpose. Each SmoTec unit is dispatched with a CE marked Certificate of Conformance to EN 12101-2, confirming that it meets the highest safety standards.
System FGL – LG Overlapping

Our FGL Single-Glazed system, shown here with overlapping louvres, mounted in side-sleeves, combines a high degree of transparency, without compromising its functionality.

The unobtrusive framework (37mm on the vertical, 17mm on the horizontal & 53mm for a centre-mullion) reinforces an “all glass” appearance.

Taking into account the minimum and maximum louvre blade heights (175mm up to 325mm), the actual number of louvres can be varied to suit the application.

As a rule, we can manufacture louvre blades to cover 1600mm in a single span.

For larger spans we have developed a special centre mullion.

Subject to the application, the FGL series can be manufactured using 6mm up to 12mm thick glass.

The glazing for the FGL-LG System is mounted in stainless steel side-sleeves.

Both manual and motorized actuators are available.

System FGL SmoTec LG Overlapping

Style meets Function:

The SmoTec model represents the culmination of development work on both the FGL and FLW louvred window units. This is a fully certified natural smoke & heat exhaust ventilator (NSHEV), having been tested to all relevant categories under EN 12101-2: 2003.

The FGL SmoTec Louvre Windows are supplied complete with a 24V motor.

Our production quality control, under which every ventilator has an operational check prior to despatch, ensures that each consignment is fit for purpose. Each SmoTec unit is dispatched with a CE marked Certificate of Conformance to EN 12101-2, confirming that it meets the highest safety standards.
System FGL – LG Stepped

Our FGL Single-Glazed system, shown here with stepped louvres, mounted in side-sleeves, combines a high degree of transparency, without compromising its functionality.

The unobtrusive framework (37mm on the vertical, 17mm on the horizontal & 53mm for a centre-mullion) reinforces an “all glass” appearance.

Taking into account the minimum and maximum louvre blade heights (175mm up to 325mm), the actual number of louvres can be varied to suit the application.

As a rule, we can manufacture louvre blades to cover 1600mm in a single span.

For larger spans we have developed a special centre mullion.

Subject to the application, the FGL series can be manufactured using 8mm up to 12mm thick glass.

The glazing for the FGL-LG System is mounted in stainless steel side-sleeves.

Both manual and motorized actuators are available.

System FGL SmoTec LG Stepped

Style meets Function:
The SmoTec model represents the culmination of development work on both the FGL and FLW louvred window units. This is a fully certified natural smoke & heat exhaust ventilator (NSHEV), having been tested to all relevant categories under EN 12101-2: 2003.

The FGL SmoTec Louvre Windows are supplied complete with a 24V motor.

Our production quality control, under which every ventilator has an operational check prior to despatch, ensures that each consignment is fit for purpose. Each SmoTec unit is dispatched with a CE marked Certificate of Conformance to EN 12101-2, confirming that it meets the highest safety standards.