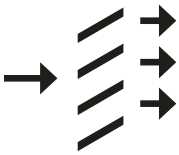
FIEGER

LOUVRE. VENT. TECHNOLOGY.

FIEGER FLW 40 louvre window information at a glance

FLW 40



FEATURE:

Natural smoke and heat exhaust ventilator (NSHEV).
Smoke extraction from lift shafts.

DESIGN:

Louvre blades flush with external frame.
Louvre blades centrally pivoted. Glass louvres fully framed.
Thermally separated aluminium extrusions.

GLAZING:

Triple-glazed or insulated aluminium panel with a total thickness of 36 to 40 mm.
Including EPDM gaskets.

CERTIFICATION

NSHEV certification in accordance withEN 12101-2	SMOTEC
Windows and Doors Product Standard certified in accordance with EN 14351-1	AIRTEC
Flow coefficient Cvo in accordance withEN 12101-2	up to 0,59
Wind load classification in accordance withEN 12101-2	up to WL 3000
Resistance to heat and mechanical stability in accordance withEN 12101-2	B 300-E
Reliability classification in accordance withEN 12101-2	Re 1000
Snow load classification in accordance withEN 12101-2	SL 0
Low ambient temperature classification in accordance withEN 12101-2	T (-15)*

*Depending on the drive system

EXAMINATION

Watertightness classification in accordance with EN 12208	up to 8A
Air permeability classification in accordance with EN 12207	Class 4
Airborne sound insulation with sound insulation glazing in accordance with EN ISO 10140-1/2	up to 41 dB
Resistance to wind load in accordance with EN 12210/12211	C2/B2
Impact resistant in accordance with DIN 18032-3	✓ Yes
Fall Protection in accordance with DIN 18008-4, Building Regulations, Section A part 2	✓ Yes
Security in accordance with EN 1627-1630:2011	RC2
Barrier Load tested in accordance with BS 6180:2011	✓ Yes
Anti-trap protection in accordance with The Machine Directive 2006/42/EG	SK 3/SK 4

DIMENSIONS

LOUVRE FRAMES

Visible frame width	21 mm
Frame depth	50.8 mm

VENT FRAMES

Visible frame width	40 mm
Frame depth	85 mm
Louvre height	250–500 mm
Max frame height	Unlimited (couplable)
Max frame width	2500 mm