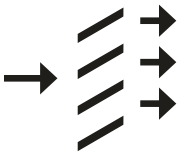
FIEGER

LOUVRE. VENT. TECHNOLOGY.

FIEGER FLW 32 louvre window data at a glance

FLW 32



FEATURE:

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

DESIGN:

Louvre blades are flush with frame on the outside. Louvre blades centrally pivoted. Glass louvres fully framed. Thermally separated aluminium extrusions.

GLAZING:

Double or triple-glazed or insulated aluminium panel with a total thickness of 28 to 32 mm. Including EPDM gaskets.

CERTIFICATION

NSHEV certification in accordance withEN 12101-2:2003	SMOTEC
Windows and Doors Product Standard certified in accordance with EN 14351-1	AIRTEC
Flow coefficient Cvo in accordance withEN 12101-2:2003	up to 0.58
Wind load classification in accordance withEN 12101-2:2003	up to WL3000
Resistance to heat and mechanical stability in accordance withEN 12101-2:2003	B 300-E
Reliability classification in accordance withEN 12101-2:2003	Re 1000
Snow load classification in accordance withEN 12101-2:2003	SL 0
Low ambient temperature classification in accordance withEN 12101-2:2003	T (-5)*

*Depending on the drive system

EXAMINATION

Watertightness classification in accordance with EN 12208	Class 5A
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 40 dB
Resistance to wind load EN 12210 / 12211	C3 / B5
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	42.8 mm

VENT FRAMES

Visible frame width	40 mm
Frame depth	77 mm
Louvre height	200–450 mm
Max frame height	Unlimited (couplable)
Max frame width	2500 mm