



AUTOMATIC CONTROL

SMOKE VENTS - SYSTEM FEATURES

In order to provide protection against harmful smoke during fire, we use ventilation systems that allow for creating smoke-free zones. This can be achieved by installing Yawal smoke vents.

Smoke vents are made of profiles used in roof windows. The control and driving elements used in such installations are professional, tested and certified actuators, complying with EN 12101-2 standard.



Photo: Municipal Library, Oświęcim
Design: Susul & Strama Architekci
Aluminium manufacturer: Hossa Sp. z o.o., Katowice

ADVANTAGES OF THE SYSTEM

possibility of using chain, pin or arm actuators, driven pneumatically or electrically,

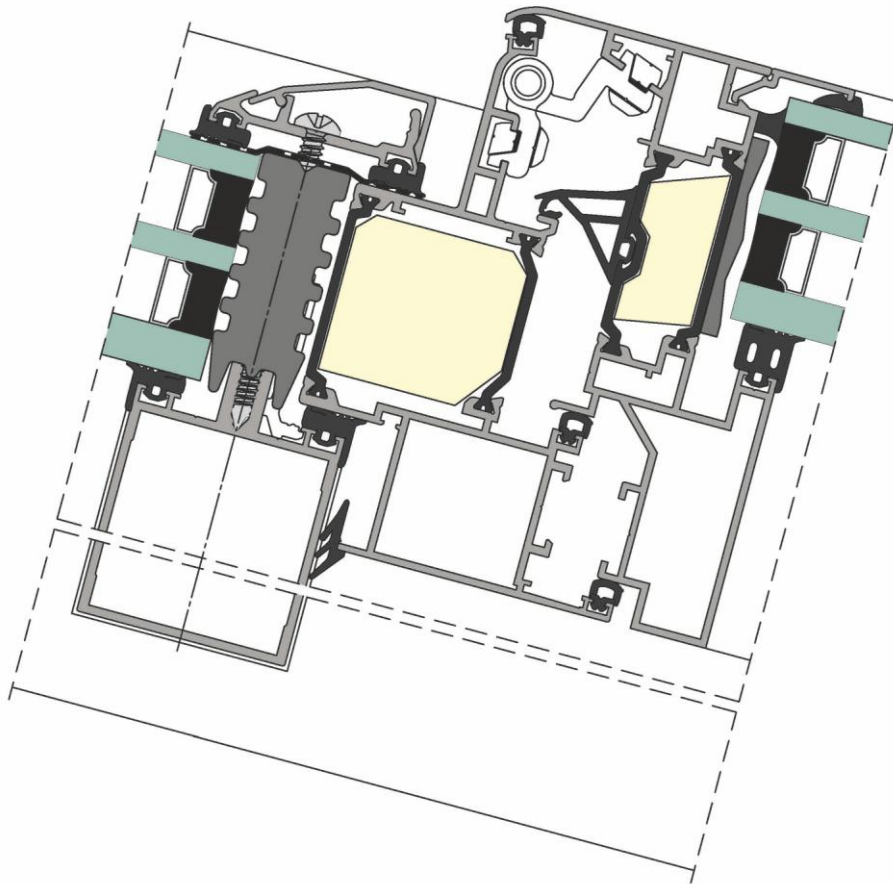
possibility of using single actuators or actuators synchronised in tandem arrangement,

increase of fire safety, easier fire fighting operations and easier fire escape due to increased visibility and lowered temperature in roof area,

great variety and high functionality of applied solutions,

possibility of combination with other Yawal systems.

SMOKE VENT CROSS - SECTION



TECHNICAL PARAMETERS

Max. dimensions of roof window sash	1300 x 2000 mm
Max. opening angle of smoke vent	90°
Air permeability	class 3 acc. to PN-EN 12207
Water tightness; inclination angle 3°, 45°, 75°	E1500 acc. to PN-EN 12208
Wind load resistance	class C3/B3 acc. to PN-EN 12210
Leaf weight	up to 160 kg
Leakage coefficients	taking into consideration side wind influence