

Pos.	Stück	Leistungsbeschreibung	E-Preis	G-Preis
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10 1 **PRIODOOR ETX RDA**
Smoke damper – according to EN 12101-8

Large-size, single-vent, fire resistant, specially designed for installation in RDA outlet ducts (RDA = Smoke protection pressure systems). The aim of the application is to keep safety staircases smokefree.

When a fire occurs, the exhaust damper is automatically opened by the control unit of the RDA supplied by the customer. Large-size cross sections offer a free unhindered outlet surface area for combustion gases. The closure is smoke-proof and offers fire resistance for up to 90 minutes.

Function:

- Tested as a smoke damper
- Fire resistance 90 minutes
- Classification EI 90 (Ved – i ↔ o) S500C₁₀₀₀₀ AAmulti
- Smoke protection
- Tight seal
- Pressure / suction stable up to 500 Pa
- Sound reduction index depending on size up to 36 dB

Construction:

- Single panel shaft closing with high mechanical durability
- Flush-fitting assembly in solid shaft walls with assembly frames
- Free large format flow surface
- External construction height from 1150 mm to 2500 mm, depending on wall systems
- External construction width from 500 mm to 1,000 mm
- Folded block frame: three sided 64 mm, locking side 139 mm
- All round smoke and fire protection seals, automatically foams in the event of fire
- High-quality stainless steel bands

When installed in a solid wall ≥ 110 mm thick, it is possible to retrofit the door leaf with a cladding of up to 11 kg/m² made of non-combustible material.

Subsequent, on-site painting of the smoke damper on the outside is possible.

Drive:

- Opened and closed by chain drive
- System voltage 24 V DC
- Power consumption 40 mA, max. 1 A in cut-out torque
- With integrated adjustable limit switch; standard: „End position“ open
- Lock with power cut-off
- Chain drive adjusted by software
- Connector cable chain drive 6-pole, 3.00 m (2 conductors each for drive, limit and programming)

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Material characteristic:

- Non-combustible board with surface coating, classification A2 - s1, d0
- Standard CPL surface
- Standard color light grey - similar to RAL 7035, colored edges and chamfers
- Green Building Declaration according to LEED and DGNB

Scope of delivery:

- Smoke damper
- Assembly frame
- Chain drive with connector cable (3.00 m)
- Attachment material

Options:

- Chain drive with special chain lengths
- Commissioning set
- Standardised colours - white, similar to RAL 9016; decor brushed aluminium; primer foil
- Special decors / special colours
- Protective plate for smoke extraction flap

Element-external dimensions
(H x B) in mm:

Rough opening
(H x B) in mm:

Surface:

Typ: PRIODOOR ETX RDA

Fabrikat:

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