

Pos.	Stück	Leistungsbeschreibung	E-Preis	G-Preis
------	-------	-----------------------	---------	---------

10 1 **PRIODOOR ETX RDA H**
Smoke damper, horizontal – according to EN 12101-8

Large format, single leaf, fire resistant smoke control damper especially designed for installation in air release shafts of RDA (RDA = Smoke protection pressure systems). The aim of the application is to keep safety staircases smoke-free. In case of fire the smoke control damper is opened automatically by the controls of the on-site RDA. Large-format cross-sections provide a clear, unobstructed air release area for fire gases. The closure is smoke-tight and provides fire resistance for 90 minutes.

Function:

- Tested as a smoke damper
- Fire resistance 90 minutes
- Classification EI 120 ($V_{ed} - i \leftrightarrow o$) 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 wall and PRIOWALL with assembly frames
- Free large format flow surface
- External construction width from 1000 mm to 2.100 mm
- External construction height from 379 mm to 1,000 mm
- Rebated wooden door casing without gas spring: three sides 64 mm, lock side 139 mm
- Rebated wooden door casing with gas spring: 2 x 64 mm and 2 x 139 mm
- All round smoke and fire protection seals, automatically foams in the event of fire
- High-quality stainless steel bands
- Gas springs depending on the size of the damper leaf included

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. 1.2 A in cut-out torque
- With integrated adjustable limit switches
- 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)

Material characteristic:

- Non-combustible board with surface coating, classification A2 - s1, d0
- Standard surface CPL
- Standard colour light grey - similar to RAL 7035, coloured edges and chamfers

Pos.	Stück	Leistungsbeschreibung	E-Preis	G-Preis
------	-------	-----------------------	---------	---------

- Green Building Declaration according to LEED and DGNB

Scope of delivery:

- Smoke damper
- Assembly frame
- Chain drive with connector cable
- Attachment material

Options:

- Inspection tool
- 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:

Surfaces:

Typ: PRIODOOR ETX RDA H

Fabrikat:

PRIORIT AG
www.priorit.de
Tel.: +49 6181 3640-0
Fax : +49 6181 3640-230