



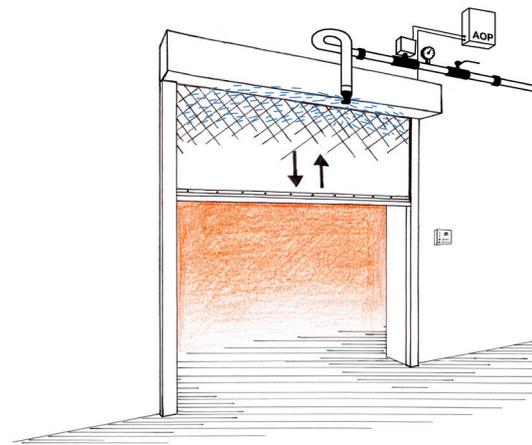
FIBREroll H20

TEXTILE ROLLER FIRE CURTAIN



FIRE RESISTANCE:

El 15 – El 120; El 15 S_a – El 120 S_a; El 15 S₂₀₀ – El 120 S₂₀₀



PRODUCT DESCRIPTION

- › Made of special fire-resistant textile 0.7 mm thick, reinforced by stainless steel wires with surface coating and aluminium reflecting coating (foil) to increase fire resistance
- › To achieve the required fire resistance, the fire curtain is extended by a sprinkling system containing a dry pipe, drencher heads and a control servo valve
- › Fire curtain can be placed in the interior and exterior, for outdoor use it is necessary to consider the placement of the servo valve always indoor (to the heat)
- › Manufacturer's recommended maximum total dimensions: **18 m × 7 m** (w × h) depending on fire resistance; minimum total width: 1 m (other dimensions subject to consultation)
- › Smoke-tight version is available with fire resistance:
 - › El 15 S_a up to El 120 S_a up to dimension 5.2 × 4.2 m
 - › El 15 S₂₀₀ up to El 120 S₂₀₀ up to dimension 3 × 3 m
- › Under the conditions defined by the manufacturer, the product meets the requirements of cycles class C1 and C2.*
- › Designed for face fixing or fixing between assembly (possible combination of both), fixing into concrete, masonry or steel profiles with required fire resistance
- › Standard dimension of the box is 200 × 200 mm (w × h) with total height up to 6 × 3.2 m (w × h), for bigger or wider/ smoke-tight version of curtain the size of the box is 230 × 230 mm (w × h)
- › Very light (curtain 3 × 3 m approx. 140 kg, curtain 6 × 6 m approx. 300 kg)
- › Controlled electrically by means of a tube drive (230 V)
- › Closing speed is approximately **100 mm/s**
- › Steel parts are made from galvanized metal, standardly powder coated in RAL 9006 (white aluminium) or RAL 9010 (white), alternatively, atypical coating according to the RAL sampler possible at the customer's request
- › Control panel **AOP (AVAPS Operation Panel)** including emergency closure button
 - › Ensures electronic control of individual curtain functions
 - › System designed in accordance with EN 14637
- › To ensure full functionality of FIBREroll H20 it is necessary to connect an **electric servo valve** to the AOP control unit (for max. water pressure 10 bar, at higher pressure it is necessary to add a reduction valve)
- › The servo valve controls the dry pipe terminated with drencher heads, the number of drencher heads depends on the size of the fire curtain and the required fire resistance
- › Sprinkling begins by activating (opening) the valve on the flooded piping system, either simultaneously with the announcement of the fire alarm (fire alarm system / local detection), or with a preset delay
- › In the case of the customer's request, it is possible to set the sprinkling start after verification of alarm by the temperature sensor, in order to prevent inconveniences caused by flooding the object in case of a false alarm



230 V AC



max. 460 W



100–150 mm/s

+50 °C



-10 °C

CERTIFICATION

Fire curtain **FIBREroll H20** was assessed and certified by the authorised person FIRES s.r.o., who issued the SK Technical Assessment and the SK certificate No. SK01-ZSV-0391. / For more information, contact: projekce@avaps.cz.

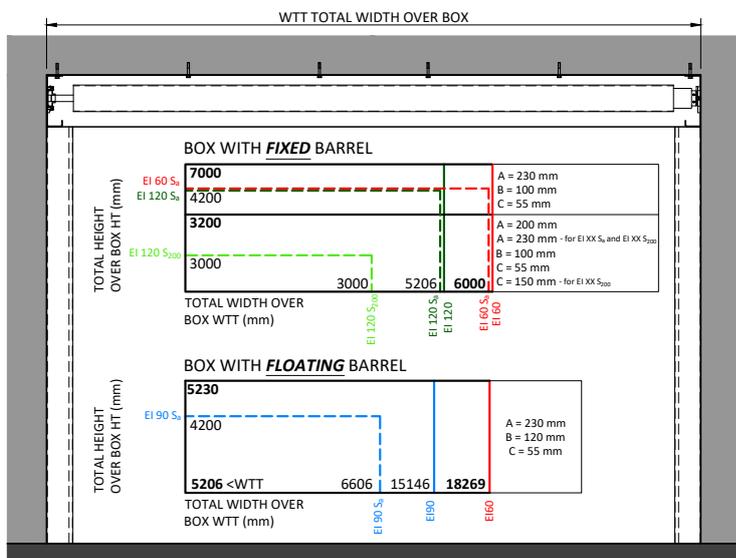
Manufacturer issues Declaration of performance for individual orders in compliance with regulation MDVRRS SR no. 162/2013 Z. z., and for countries outside the Slovak Republic, a Declaration of mutual recognition to Article 4 of Regulation (EU) No. 515/2019 of the European Parliament and of the Council.

* For more information, please contact a sales representative of AVAPS.

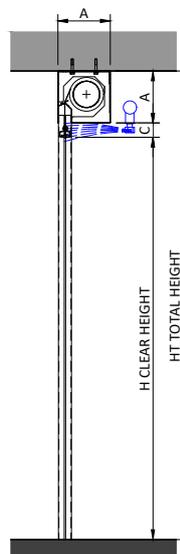


TECHNICAL INFORMATION

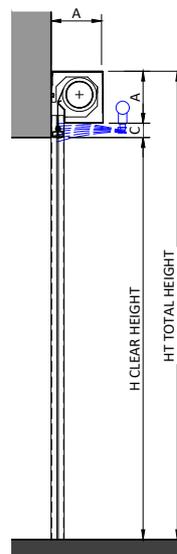
VIEW - FIXING INTO THE OPENING (FIXED BETWEEN)



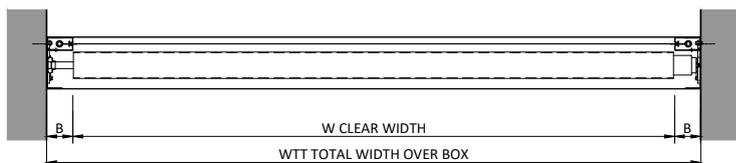
TYPICAL SECTION FIXED BETWEEN



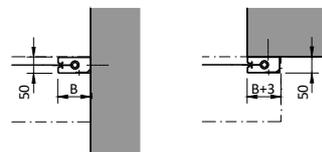
TYPICAL SECTION FACE FIXED



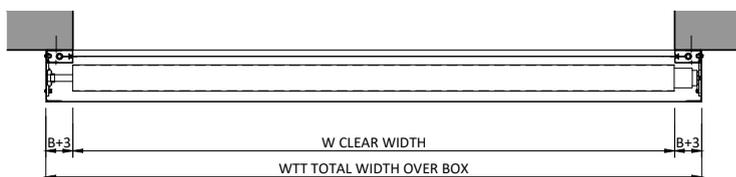
PLAN VIEW - FIXING INTO THE OPENING (FIXED BETWEEN)



SIDE GUIDE FIXING DETAIL
FIXED BETWEEN FACE FIXED



PLAN VIEW - FIXING ONTO THE OPENING (FACE FIXED)



This drawing and copyright belong to AVAPS s.r.o. Do not copy without AVAPS s.r.o. authorisation.

MAINTENANCE AND REPAIR SERVICES

We provide professional warranty and post-warranty service and revisions according to applicable laws for all our products.

Contact: +420 777 911 770 / service@avaps.eu

