



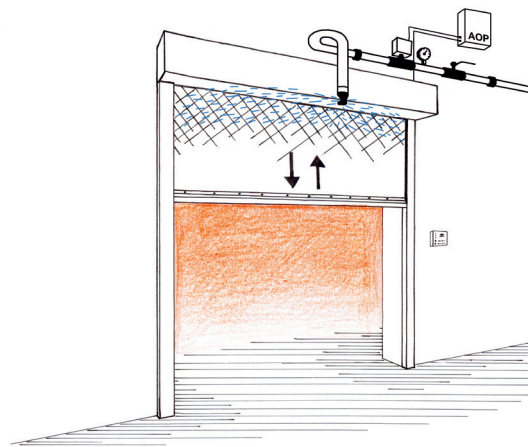
# FIBREroll H20

## TEXTILE ROLLER FIRE CURTAIN



FIRE RESISTANCE:

**EI 15 – EI 120; EI 15 S<sub>a</sub> – EI 120 S<sub>a</sub>; EI 15 S<sub>200</sub> – EI 120 S<sub>200</sub>**



## 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: **18,000 × 7,000 mm** (w × h) depending on fire resistance; minimum total width: 1,000 mm (other dimensions subject to consultation)
- › Smoke-tight version is available with fire resistance:
  - » EI 15 S<sub>a</sub> up to EI 120 S<sub>a</sub>: up to 5,206 × 7,000 mm (fixed mounting), up to 15,146 × 5,230 mm (floating mounting)
  - » EI 15 S<sub>200</sub> up to EI 120 S<sub>200</sub>: S<sub>max</sub> = 27 m<sup>2</sup>
- › 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 6,000 × 3,200 mm (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 3,000 × 3,000 mm approx. 140 kg, curtain 6,000 × 6,000 mm 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, 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**
  - » „Fail safe“ design – safe gravity closure even in the event of a power failure
- › 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](mailto:projekce@avaps.cz).

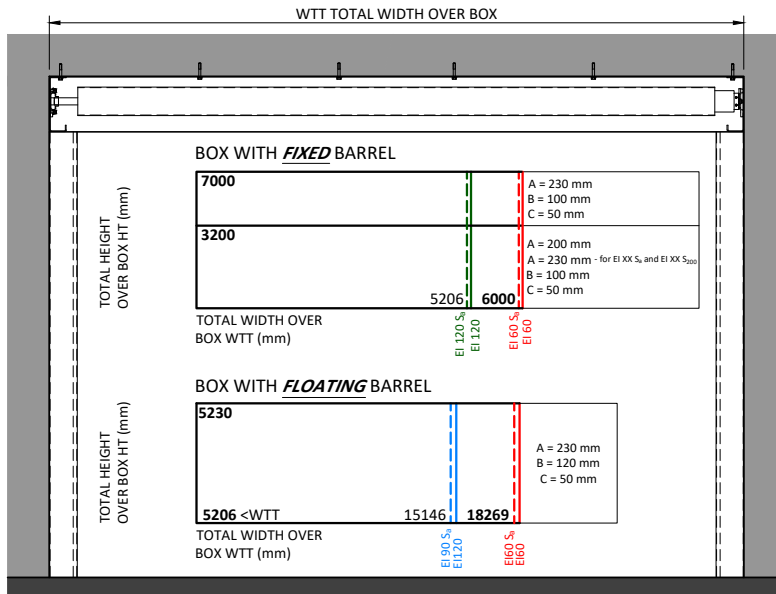
Manufacturer issues Declaration of performance for individual orders in compliance with regulation MDVRRS SR no. 162/2013 Z. z., and for countries outside the Slovak Republic, a Declaration of mutual recognition to Article 4 of Regulation (EU) No. 515/2019 of the European Parliament and of the Council.

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



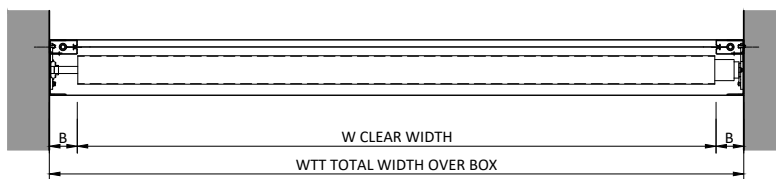
## TECHNICAL INFORMATION

### VIEW - FIXING INTO THE OPENING (FIXED BETWEEN)

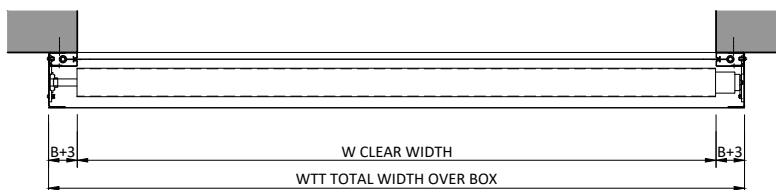


EI120 S<sub>200</sub> - MAXIMAL DIMENSIONS DEPEND ON INDIVIDUAL CONSULTATION

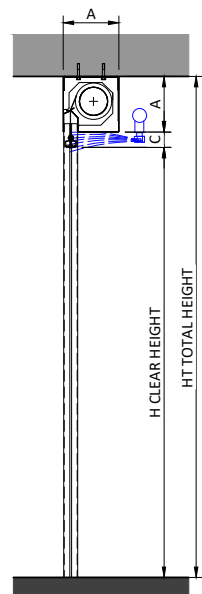
### PLAN VIEW - FIXING INTO THE OPENING (FIXED BETWEEN)



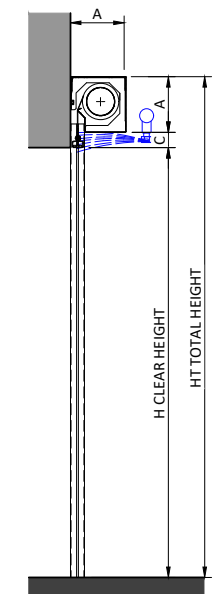
### PLAN VIEW - FIXING ONTO THE OPENING (FACE FIXED)



### TYPICAL SECTION FIXED BETWEEN

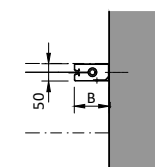


### TYPICAL SECTION FACE FIXED

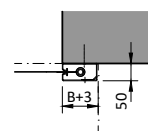


### SIDE GUIDE FIXING DETAIL

#### FIXED BETWEEN



#### FACE FIXED



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## 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](mailto:service@avaps.eu)

