AVAPS

SAFETY GUARANTEED
SINCE 1998

FIBREroll H2O

TEXTILE ROLLER FIRE CURTAIN

FIRE RESISTANCE:
EI 15 – EI 120; EI 15 S$_a$ – EI 120 S$_a$; EI 15 S$_{200}$ – EI 120 S$_{200}$
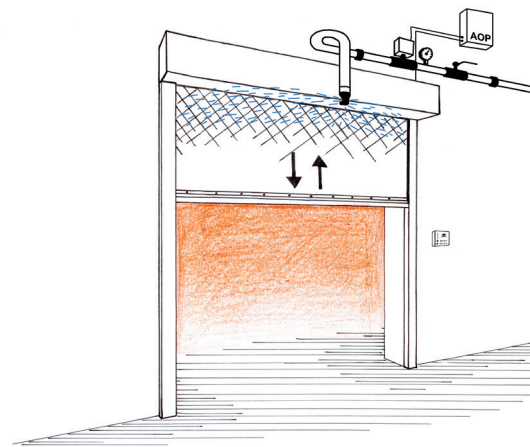
PRODUCT DESCRIPTION

› 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:
 » EI 15 S$_a$ up to EI 120 S$_a$ up to dimension 5.2 × 4.2 m
 » EI 15 S$_{200}$ up to EI 120 S$_{200}$ up to dimension 3 × 3 m

› 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 H2O 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

W max. 460 W
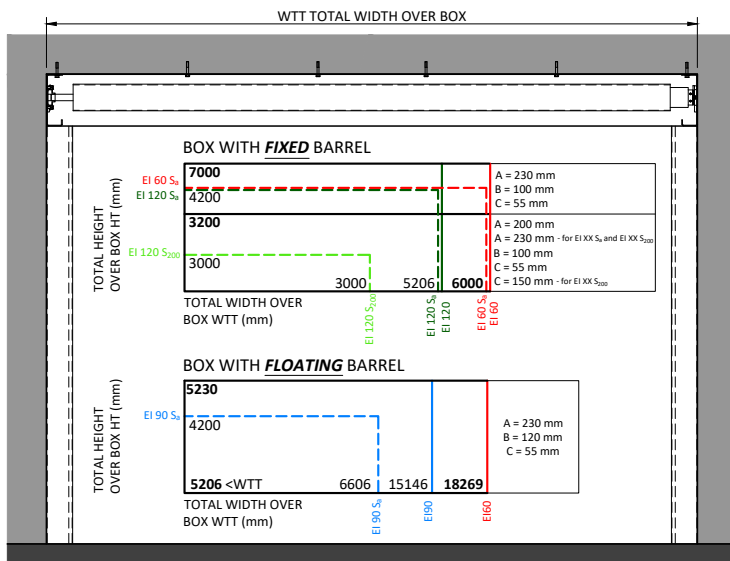
100–150 mm/s

+50 °C
−10 °C

CERTIFICATION

Fire curtain **FIBREroll H2O** 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.
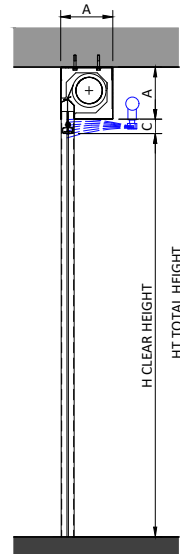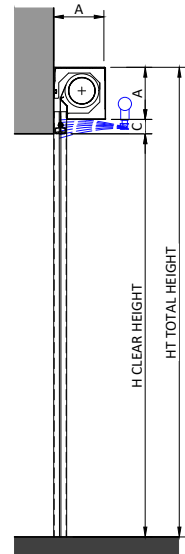
TECHNICAL INFORMATION
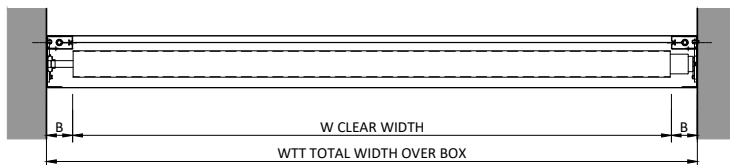
VIEW - FIXING INTO THE OPENING (FIXED BETWEEN)

WTT TOTAL WIDTH OVER BOX

TOTAL HEIGHT OVER BOX HT (mm)

BOX WITH *FIXED* BARREL

EI 60 S$_a$	**7000**	A = 230 mm
EI 120 S$_a$	4200	B = 100 mm
		C = 55 mm
	3200	A = 200 mm
EI 120 S$_{200}$	3000	A = 230 mm - for EI XX S$_a$ and EI XX S$_{200}$
		B = 100 mm
		C = 55 mm
	3000 5206 **6000**	C = 150 mm - for EI XX S$_{200}$

TOTAL WIDTH OVER BOX WTT (mm)

EI 120 S$_{200}$ / EI 120 S$_a$ / EI 120 / EI 60 S$_a$ / EI 60

BOX WITH *FLOATING* BARREL

EI 90 S$_a$	**5230**	A = 230 mm
	4200	B = 120 mm
		C = 55 mm
	5206 <WTT 6606 15146 **18269**	

TOTAL HEIGHT OVER BOX HT (mm)

TOTAL WIDTH OVER BOX WTT (mm)

EI 90 S$_a$ / EI90 / EI60

TYPICAL SECTION FIXED BETWEEN

A

C A

H CLEAR HEIGHT

HT TOTAL HEIGHT

TYPICAL SECTION FACE FIXED

A

C A

H CLEAR HEIGHT

HT TOTAL HEIGHT

PLAN VIEW - FIXING INTO THE OPENING (FIXED BETWEEN)

B

W CLEAR WIDTH

B

WTT TOTAL WIDTH OVER BOX

PLAN VIEW - FIXING ONTO THE OPENING (FACE FIXED)
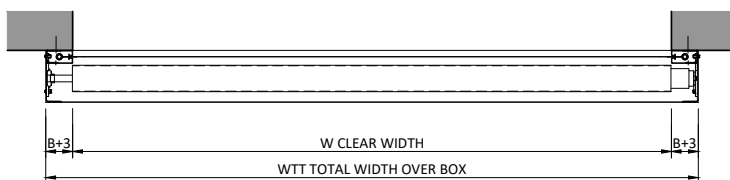
B+3

W CLEAR WIDTH

B+3

WTT TOTAL WIDTH OVER BOX

SIDE GUIDE FIXING DETAIL

FIXED BETWEEN

50   B

FACE FIXED

B+3   50

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