

**RAFFAELLO TENSIONED** is a new electric projection screen developed by ScreenInt and as all the other ScreenInt products is totally manufactured in Italy.

The screen has an innovative mechanical construction which makes it an ideal and unique solution for in-ceiling installations both in residential and AV professional environments.

Its peculiarity is that, once mounted inside the false ceiling, the product is completely hidden and no visible openings can be seen.

The mechanism is composed by two silent and fast

motors, one for the opening of the trap door and the other for rolling down of the projection screen.

Raffaello Tensioned has sides in hour glass shape that together with the tensioning system assure a perfect flatness to the projection surface.

**IMPORTANT:** The structure allows substitution of the projection surface rolling pipe without the need to uninstall the product completely.

It is available with a wide range of projection surfaces and in 4:3, 16:9 and 16:10 ratios and customized sizes.



## AVAILABLE PROJECTION SURFACES

<b>White</b>	gain 1.2
<b>Matte White</b>	gain 1.2
<b>Lumi Grey</b>	gain 0.8
<b>Cinesound</b>	gain 0.7
<b>Microperforated</b>	gain 1.1
<b>Lumi Grey Microperforated</b>	gain 0.8
<b>Rear Plus</b>	gain 1.1 (no black borders)
<b>FrontRear</b>	gain 0.9 (no black borders)

## SIZES AVAILABLE ON RAFFAELLO TENSIONED

4:3 Ratio	16:10 Ratio	16:9 Ratio	Total housing dimensions -B-
cm. 160x120	cm. 160x100	cm. 160x90	cm. 230,5
cm. 180x135	cm. 180x112	cm. 180x101	cm. 250,5
cm. 200x150	cm. 200x125	cm. 200x112	cm. 270,5
cm. 220x165	cm. 220x137	cm. 220x124	cm. 290,5
cm. 250x190	cm. 250x156	cm. 250x140	cm. 320,5
cm. 300x225	cm. 300x187	cm. 300x169	cm. 370,5
cm. 350x265	cm. 350x219	cm. 350x197	cm. 420,5

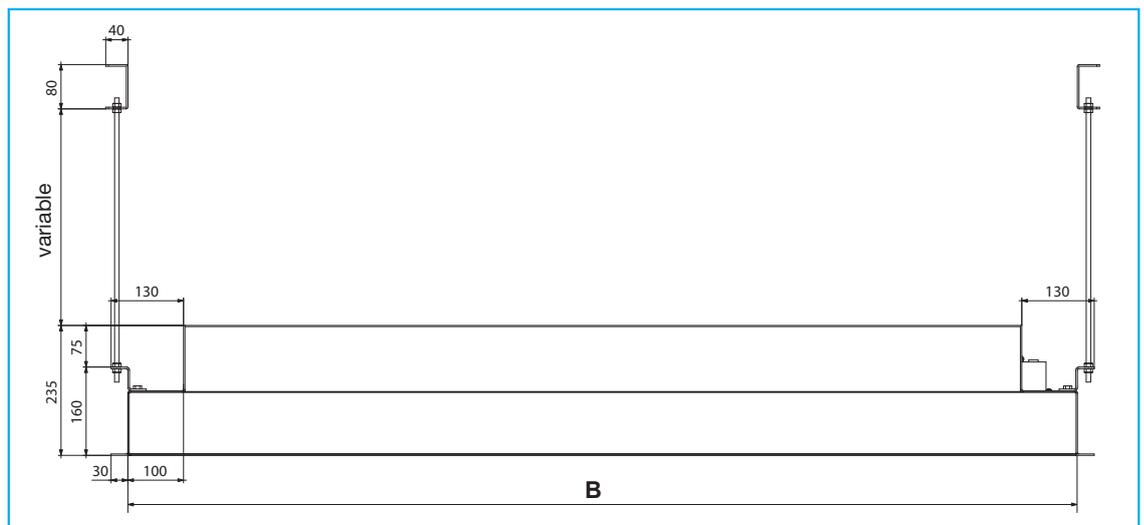
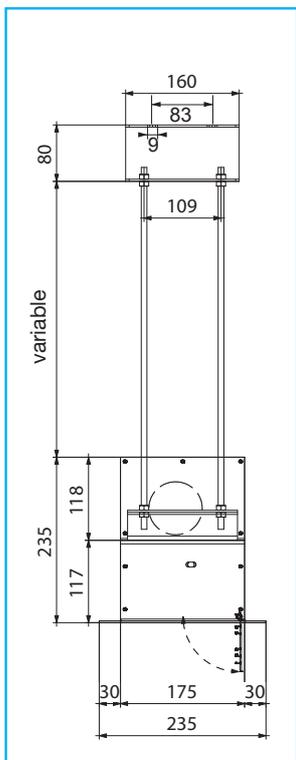
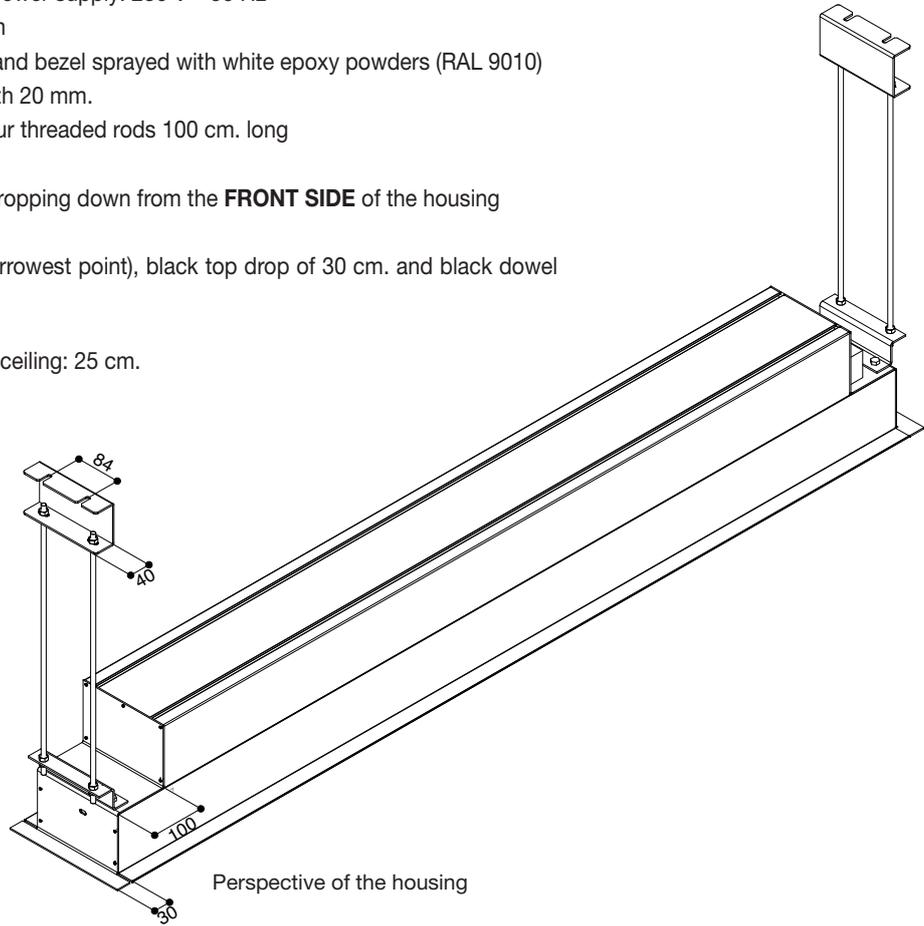
- Fast and silent motor provides a smooth and quiet rolling down
- Motor screen characteristics:
  - Power 9 Nm
  - Speed 26 Rpm
  - Consumption 184 W
  - Power supply: 230 V – 50 Hz

## LENGTH OF THE HOLE:

SCREEN MODEL	LENGTH
RAFFAELLO TENSIONED	Width of viewing area + 71,5 cm.

## WIDTH OF THE HOLE: 19 CM.

- Housing manufactured from aluminium
- Lower part of the housing , trap door and bezel sprayed with white epoxy powders (RAL 9010)
- Black dowel bar: height 35 mm. - depth 20 mm.
- Two ceiling mounting brackets with four threaded rods 100 cm. long
- On/Off switcher included
- Screen standard supplied with cloth dropping down from the **FRONT SIDE** of the housing
- Flame retardant projection surfaces
- Side black borders of 5 cm. (in the narrowest point), black top drop of 30 cm. and black dowel bar 35 mm. high
- Tensioning system on the both sides
- Minimum height needed into the false ceiling: 25 cm.



Front view of screen housing

Side section of screen housing

\* The measures of the drawings are expressed in millimetres.