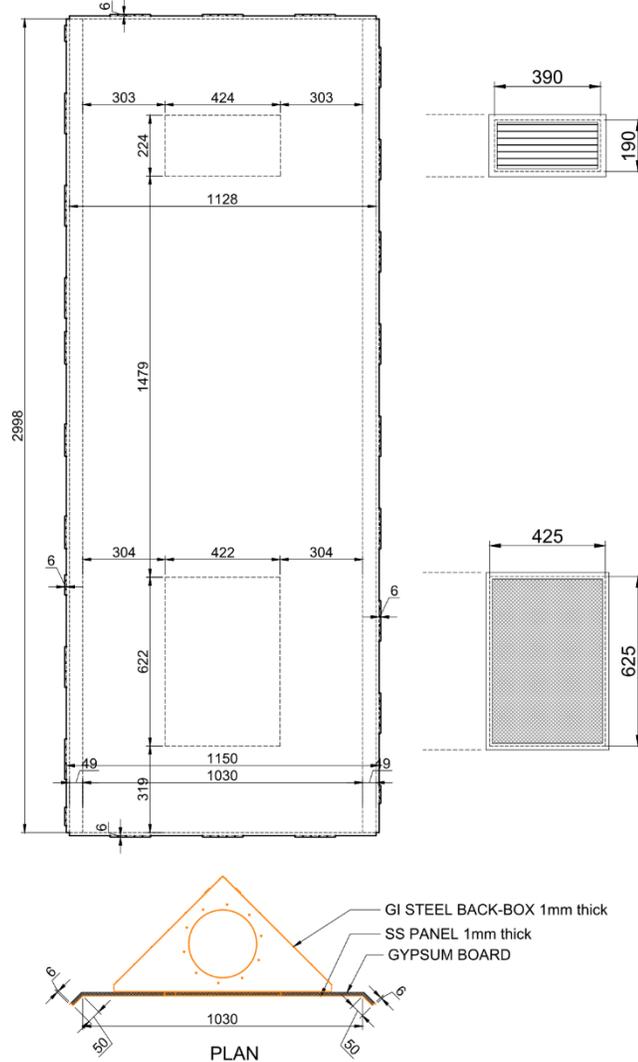


## Extraction Corner Panels



### Description:

Transforma provides an extraction corner ventilation system that is suitable for supporting the Laminar flow ventilation system or the split diffuser ventilation system provided in operation rooms with high hygienic standards and requirements.

The extraction corners consist of three main parts:

- 1- The extraction grills: Upper and lower extraction grills

- 2- The corner modular wall panel (to match the modular solution Transforma provides for Operation rooms): the panels are manufactured with high precision using Stainless Steel AISI 304 or Galvanized Steel ST02 with Zinc Z275 coating and chromate surface treatment with an antimicrobial powder coated surface finish resistant to living organisms and chemical substances; the panel is manufactured with factory cutouts suitable for accurate extraction grill insertion
- 3- The ventilation back-box: a sealed/closed- environment ventilation back-box for extraction grills and ducting connections

Dimensions	
<b>Panel Width</b>	Max. 1,190 mm (Diagonal Standard: 1030 mm)
<b>Panel Height</b>	Max. 3,000 mm (Room height)
<b>Panel Thickness</b>	14 mm and 20 mm
<b>Panel Steel thickness</b>	1 mm and 0.8 mm
<b>Upper Extraction Grill</b>	425 x 225 mm
<b>Lower Extraction Grill</b>	625 x 425 mm

Technical Data	
<b>Extraction Grills</b>	Anodized Aluminum finish for frame and fins
	Galvanized steel internal casing
<b>Panel Composition</b>	Anti-Microbial powder coating; Activity reduction: 99.8%
	Stainless Steel AISI 304 or Galvanized Steel; 1mm and 0.8 mm thickness
	Anti-Humidity or Anti-Fire gypsum plasterboard; 12.5 mm and 18 mm thickness
<b>Surface finish options</b>	Powder coating with colored RAL finish; according to standard colors chart
	Scotch brite finish
<b>Fixture method of panel</b>	Screws on Galvanized Steel supporting structure
<b>Fixture covering</b>	Silicone gasket
<b>Ventilation Back-Box</b>	Stainless Steel AISI 304 or Galvanized Steel; 1mm thickness
<b>Origin</b>	EU

#### Standards & Certification:

- Quality certification: complies to European standard UNI EN ISO 9001:2008
- Anti-Microbial coating: ISO 22196:2007 reduction of 99.8% performed on K. Pneumonia
- Material complies to European Standard EN 520: 2004 + A1: 2009UNI EN ISO 10346: 2011
- Extraction Grills in compliance with CE Mark standards
- Extraction Grills meet the highest standards, regulations and guidelines for hospitals & clean rooms:
  - DIN 1946-4
  - VDI 6022