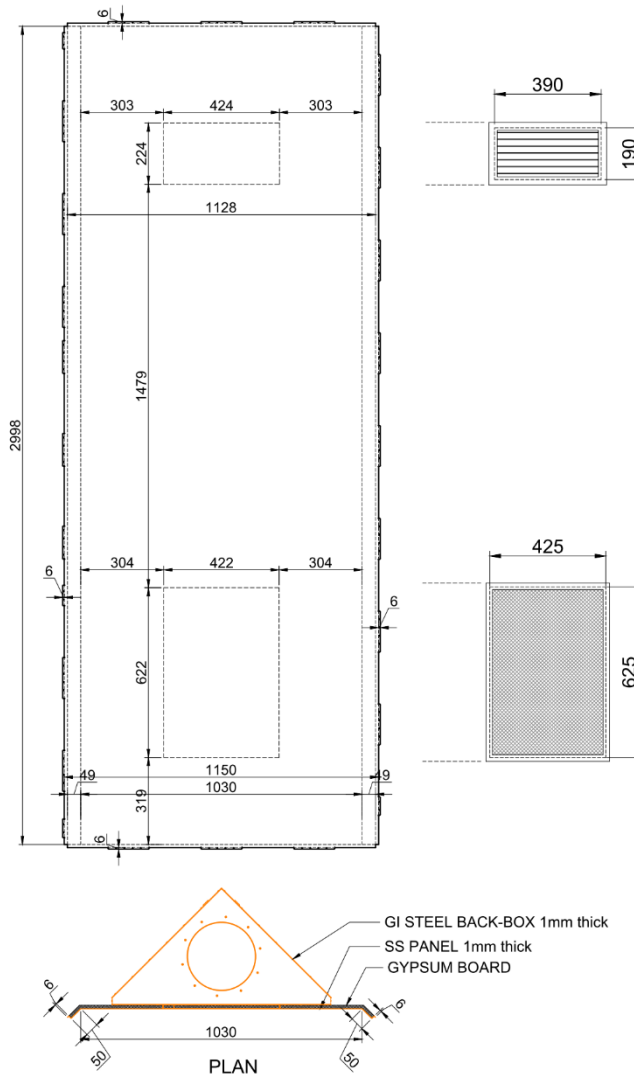


Extraction Corner Panels



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

Technical Data	
Extraction Grills	Anodized Aluminum finish for frame and fins
	Galvanized steel internal casing
Panel Composition	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
Surface finish options	Powder coating with colored RAL finish; according to standard colors chart
	Scotch brite finish
Fixture method of panel	Screws on Galvanized Steel supporting structure
Fixture covering	Silicone gasket
Ventilation Back-Box	Stainless Steel AISI 304 or Galvanized Steel; 1mm thickness
Origin	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