

VENTURI PANEL FOR ANAESTHETIC GAS SCAVENGING SYSTEM



The Venturi type panel board is an excellent active scavenging system and one of the best technical/economical solution to realize scavenging pipeline systems suitable for areas with up to two operating rooms.

The Venturi system works with a pressure between 6 and 8 bar
A regulation valve is supplied for flow adjustment.

The scavenging load from each Venturimeter varies (depending on the input airflow) from 0 to 60 lt/min with depression that goes from 0 – to 180 mm/hg (the preset values are 60 lt/mnt of aspired air with a negative pressure of 110 mm/hg)

VENTURI CONTROL PANEL switch on/off the panel board.

The Venturi type panel board can integrate 1 to 3 Venturimeters.

It is necessary to consider that each Venturi can supply only one single group of AGSS terminal units at a time.

VENTURI PANEL BOARD Mod. V1 (1 Venturimeter)

VENTURI PANEL BOARD Mod. V2 (2 Venturimeter)

VENTURI PANEL BOARD Mod. V3 (3 Venturimeter)

GENERAL DESCRIPTION:

VENTURI PANEL BOARD

Constituted by:

White lacquered steel both flush or surface mounting to be placed near the dedicated area point :

1 to 3 Venturimeters

Air Consumption 18 lt./ min per Venturimeter

Load 60 lt /min per Venturimeter

Up to 3 air flow regulation taps

Manometer 0-10 Bar

Control 220 V. – 50 Hz electro-valve.

Pressure switch for signalling the lack of air pressure

Electro-valve by-pass realized with a 3/8" ball valve



CONTROL PANEL

THE CONTROL PANEL FOR VENTURI PANEL BOARD has been conceived and realized complying with the CEI EN 6060, UNI EN 475, CEI EN 61000-3-2, CEI EN 55015 norms and it is supplied with flush or surface mounting box.

The ON/OFF switch activates the electro-valve which allows the passage of the air to the Venturimeters.

Any air pressure lack is displayed with an acoustic and luminous red led signal of the panel
COMPRESSED AIR INSUFFICIENT PRESSURE .

THE CONTROL PANEL IS CONSTITUTED BY:

ON /OFF switch for the electro-valve activation
Red LED to signal the insufficient pressure of the supplying air.
Green LED to signal tension
Green LED to signal Venturi panel IS ON DUTY
Buzzer with automatic switch-off when the alarm conditions are over
TEST button RESET button

