

EO25



EO25 monitor

Fume cupboards are equipped as standard with a monitoring system in accordance with the specifications f EN14175-part 2. The monitor tells the user whether the airflow or speed is adequate and whether there is an alarm. In the event of an alarm, both a visual and an audible indicator will be activated.







Alarms

The monitor is equipped with different alarms that alert the user to different conditions, such as: insufficient flow alarm, insufficient on-screen speed, extraction motor failure, maximum temperature exceeded alarm, etc. The EO-25 electronic system located on the right side of the fume cupboard based on a micro-controller provides a complete, easy, safe tactile control of the electrical services in the fume cupboard, operating at 5V.

Communications

The EO25 has MODBUS-RTU 2-wire digital communication that allows you to create a network of up to 240 devices. Every fume cupboard has 42 accessible registers that make it possible to see the operating parameters. This facilitates communication with BMS and IoT systems.

EO25 Control

	Operating correctly, the number of segments lit up in green indicates the suction level. In these conditions the horizontal bar will light up green.
	Insufficient suction velocity. This message should not appear with sash openings lower than the operating height (40 cm), except on power-up. In these conditions the horizontal bar will light up red.
	The temperature sensor has detected a duct temperature of over 70°C. In this case the control will automatically switch off, stopping extraction. In these conditions the horizontal bar will light up red.
	The variator has detected a fault and is locked. Once reset, if it trips again, check the message displayed on the variator. In these conditions the horizontal bar will light up red.
	The sash has been opened above the operating height (50 cm) In these conditions the horizontal bar will light up red.
	The protection system of the auxiliary has tripped. Once reset, if it trips again, check the installation. In these conditions the horizontal bar will light up red.

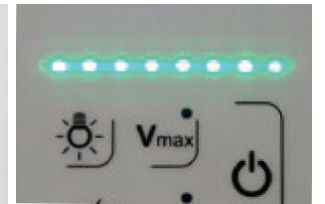
Details



Keyboard



Monitor



Indicator light