

INTRODUCTION

The FLOCHECK V is used as a panel for the FCLb fume hood controller. The panel is installed together with the FCLb as part of the fume hood's safety equipment.



Fume Hood Monitor - FLOCHECK V.

FUNCTION

The FLOCHECK V displays the current status and operating mode both in plain text and with LEDs. During normal operation, the airspeed is regulated to 0.55 m/s in the fume hood opening, regardless of the position of the sash up to the marked safety level.

The operating mode is set via the keypad. Authorized users can navigate a password-protected menu to set or change parameter values.

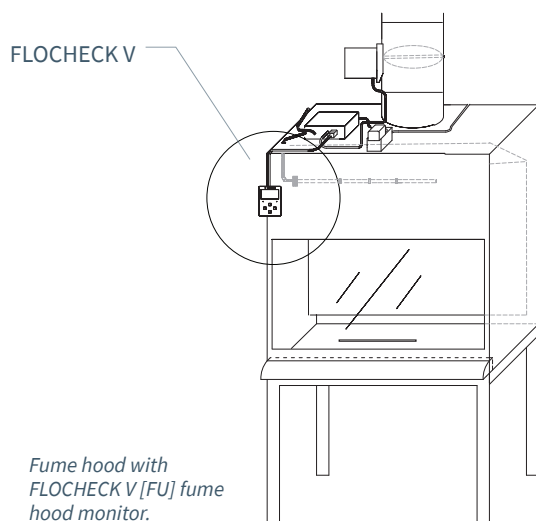
ALARM

A green LED indicates that the measured airspeed is within the expected range. An alarm is activated when "Emergency Mode" (increasing the airspeed in the opening to 0.8 m/s) is triggered, or when the measured airspeed does not match expected values.

The alarm is indicated by FLOCHECK V both visually and acoustically via a red LED and a buzzer.

DESIGN FU OR FB

To support various mounting options, FLOCHECK V can be ordered with the network cable connected to the top (FU) or to the back (FB).



Fume hood with FLOCHECK V [FU] fume hood monitor.

TECHNICAL SPECIFICATIONS

General

Dimensions: 103 x 82 x 30 mm (LxWxH)

Weight: Net weight 0.270 kg (including cabling)

Material: Enclosure: ABS

Other

Delivered with a 3-meter network cable with RJ45 connection to FCLb. Enclosure with snap fastener

Display

LCD technology: FSTN

Resolution: 128x64 pixels

Backlit with white LEDs

Screen size: 58x29.5 mm

Color: RAL 9003

IP rating: Encapsulation complies with IP54

Electrical System

Supply voltage: From the controller

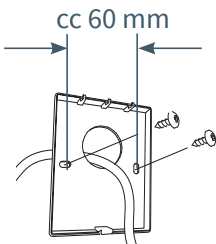
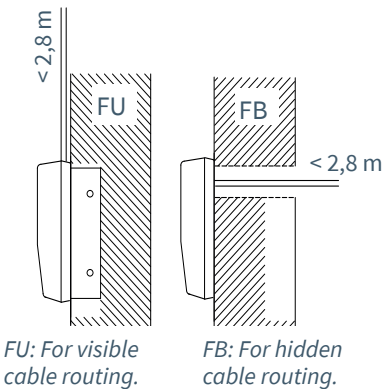
Power: 2.5 VA

CE marking: Complies with EMC and low voltage directive

ORDERING INFORMATION

Specify when ordering which variant of FLOCHECK V is intended. FLOCHECK V FU, for visible cabling, can be ordered with or without a mounting bracket. FLOCHECK V FB, for hidden cabling, does not have a mounting bracket. See the illustration below for a description of the two variants.

FLOCHECK V with the network cable exiting from the top edge of the panel (FU) or from the back (FB). The FU version can be ordered with or without a mounting bracket.



Mounting without a bracket for installation.



Fume hood monitor FLOCHECK V [FU].

ADDITIONAL PRODUCT DOCUMENTATION

Documents are available at www.lindinvent.com

Document	Comment
Installation Instructions	Shared installation instructions for FCLb and FLOCHECK V.
Commissioning Instructions	Refer to the commissioning instructions for FCLb.
Maintenance Instructions	Considered maintenance-free.
External Connection Diagram	Connection via network cable and RJ45 connection on FCLb.
Environmental Product Declaration	Assessed by Byggarubedömningen in Sweden.
User Information	Available on the website and as a printed 2-sided laminated manual.
Modbus List	Not relevant.
AMA Tekst	Se AMA för See AMA for FCLb.