FLOCHECK F FUME HOOD MONITOR

Fume Hood Monitor - FLOCHECK F.

INTRODUCTION

FThe FLOCHECK F serves as a fixed user panel for a fume hood or other installations using Lindinvent's 2-position airflow regulator FLLb.

FUNCTION

Installed as control and safety equipment for a fume hood.

- Button for switching between work and standby modes for airflow.
- Reference values and alarm limits are set according to current safety regulations.
- Active screen where users can view the operating status in clear text along with the current measured airflow. The damper angle in the connected damper can also be displayed.
- Used to log into the connected regulator.
- Operators are alerted to abnormal airflow via FLOCHECK F through an audible alarm with a buzzer and/or an optical alarm via LEDs.
- Easily connected via FTP cable (RJ45)..

Authorized users can navigate a password-protected menu to set or change parameter values.

ALARM

A green LED indicates that the airflow is within the expected range. An alarm is activated when the reduced standby flow "MIN" is selected or when the measured flow does not match expected values. The alarm can be indicated both optically and acoustically with a red LED and a buzzer.

DESIGN FU OR FB

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

Fume Hood Monitor - Flocheck F [FU] with mounting plate.

TECHNICAL SPECIFICATIONS

General

Dimensions: 103 x 82 x 30 mm (LxWxH)
Weight: Net weight 0.270 kg (including cables)
Material: Housing: ABS

Other:

- Supplied with network cable (3 m) with RJ45 connection to FCLb.
- Housing with snap fastening.

Display

- LCD technology: FSTN
- Resolution: 128x64 pixels
- Backlit with white LEDs
- Screen size: 58x29.5 mm

Color: RAL 9003

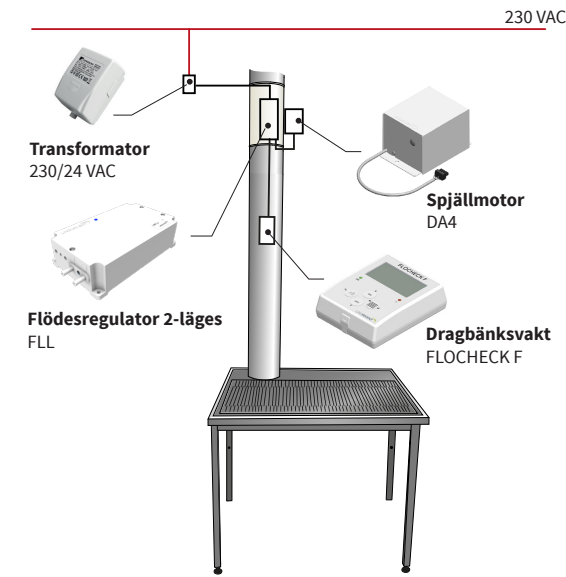**IP Rating:** Encapsulation complies with IP54

Electrical System

Power supply: From the regulator
Power: 2.5 VA
CE marking: Complies with EMC and Low Voltage Directive

LINDINVENT

EQUIPMENT

Transformator
230/24 VAC

Flödesregulator 2-läges
FLL

Spjällmotor
DA4

Dragbänksvakt
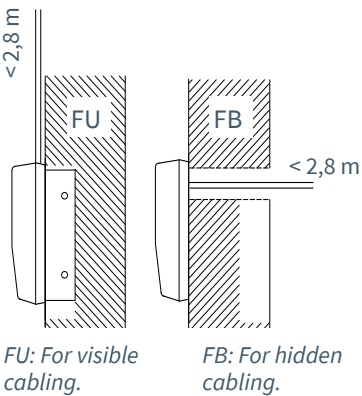FLOCHECK F

230 VAC

Fume hood with Flocheck F and other flow control components.

ORDERING INFORMATION

Specify when ordering which variant of FLOCHECK F is intended. FLOCHECK F FU, for visible cabling, can be ordered with or without a mounting bracket. FLOCHECK F FB, for hidden cabling, lacks a mounting bracket. See the illustration below for a description of the two variants.

Flocheck F with the network cable protruding 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 for installation.

< 2,8 m

FU

FB

< 2,8 m

FU: For visible cabling.

FB: For hidden cabling.

ADDITIONAL PRODUCT DOCUMENTATION

Documents can be accessed at www.lindinvent.com

Document	Comment
Installation Instructions	See installation instructions for FLLb.
Commissioning Instructions	See commissioning instructions for FLLb.
Maintenance Instructions	Considered maintenance-free.
External Connection Diagram	Connection via network cable and RJ45 connection on FLLb.
Environmental Product Declaration	Assessed by the Byggvarubedömningen in Sweden
User Information	Available on the website and as a printed two-sided laminated manual.
Modbus List	Not relevant.
AMA Text	See AMA for FLLb.