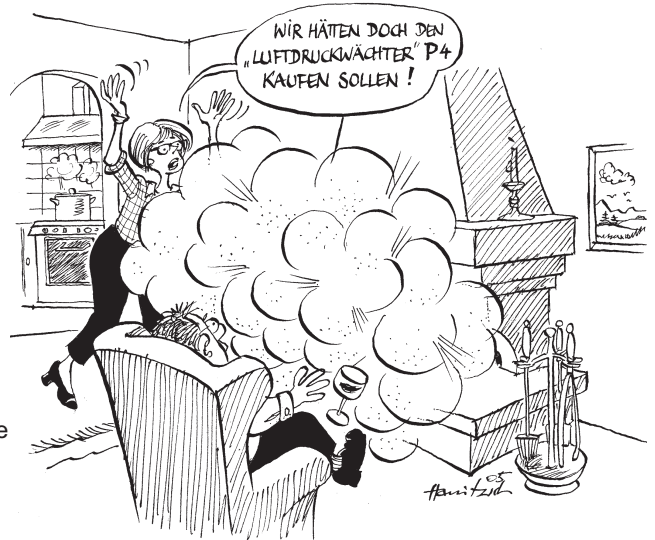


The new pressure monitor P4 monitors fireplaces and exhaust systems

Simply opening a window brings neither safety nor comfort

- The P4 allows you to simultaneously operate a fireplace and a exhaust system without having to open a certain window
- The P4 immediately recognizes a dangerous lack of air pressure
- The P4 offers the greatest degree of safety at all times due to a double, self-checking safety circuit



The problem:

Simultaneous operation of a fireplace (such as a tile stove) and a exhaust system (such as a exhaust hood) in the same airspace leads to a dangerous lack of air pressure. The chimney of the fireplace pulls air out of the room. If an exhaust hood is run simultaneously in the kitchen or another exhaust system, the direction of flow in the chimney can reverse. The result: poisonous gases enter into the living area. Numerous accidents have therefore led to a ban on exhaust systems in Germany, if these are operated simultaneously with fireplaces (§4 German fire code law).

The solution:

The P4 pressure monitor is a TÜV-tested safety device, which makes it possible to simultaneously operate a exhaust system and a fireplace that is dependent upon room air.

The P4 prevents a device that is connected to this safety system from being operated further if the air pressure in the living area sinks more than 4 Pa in comparison with the external pressure. The grounding-type receptacle that is integrated into the system, through which the device is supplied with power, immediately interrupts the power supply, to which the exhaust system or the heating system is connected. The outlet is automatically switched on again when the pressure equalizes.



All safety-relevant components are redundant, which means that the device is self-checking to a large degree. This safety equipment can also be used for control tasks, such as for opening a window or switching on ventilation (with Article No. : 91004-2).

Assembly:

The P4 air pressure monitor can be attached to the kitchen cabinet, for example. The outlet of the exhaust system is plugged into this. Two small air hoses are fed to the outside of the house through the exhaust air channel. The pressure difference monitoring functions immediately.

The P4 air pressure monitor is TÜV-tested in Germany according with Standard VP121 and bears the CE mark.

Ask your chimney sweep.

Technical data

Voltage: 230 V/50Hz
Connected load: 400W
Power consumption: 2W

Order number

91004-1 standard P4 air pressure monitor
91004-2 P4 air pressure monitor with signal output and test switch
More info in the internet at www.luftdruckwaechter.de



Erich Huber GmbH
Feinwerktechnische Systeme
Lise-Meitner-Straße 5
82216 Gernlinden
www.ehuber.de
www.luftdruckwaechter.de
e-mail: info@luftdruckwaechter.de
Fon: 08142-40856-60
Fax: 08142-40856-70