

FLÅKTEN

EXTRACT AIR FAN JBDH

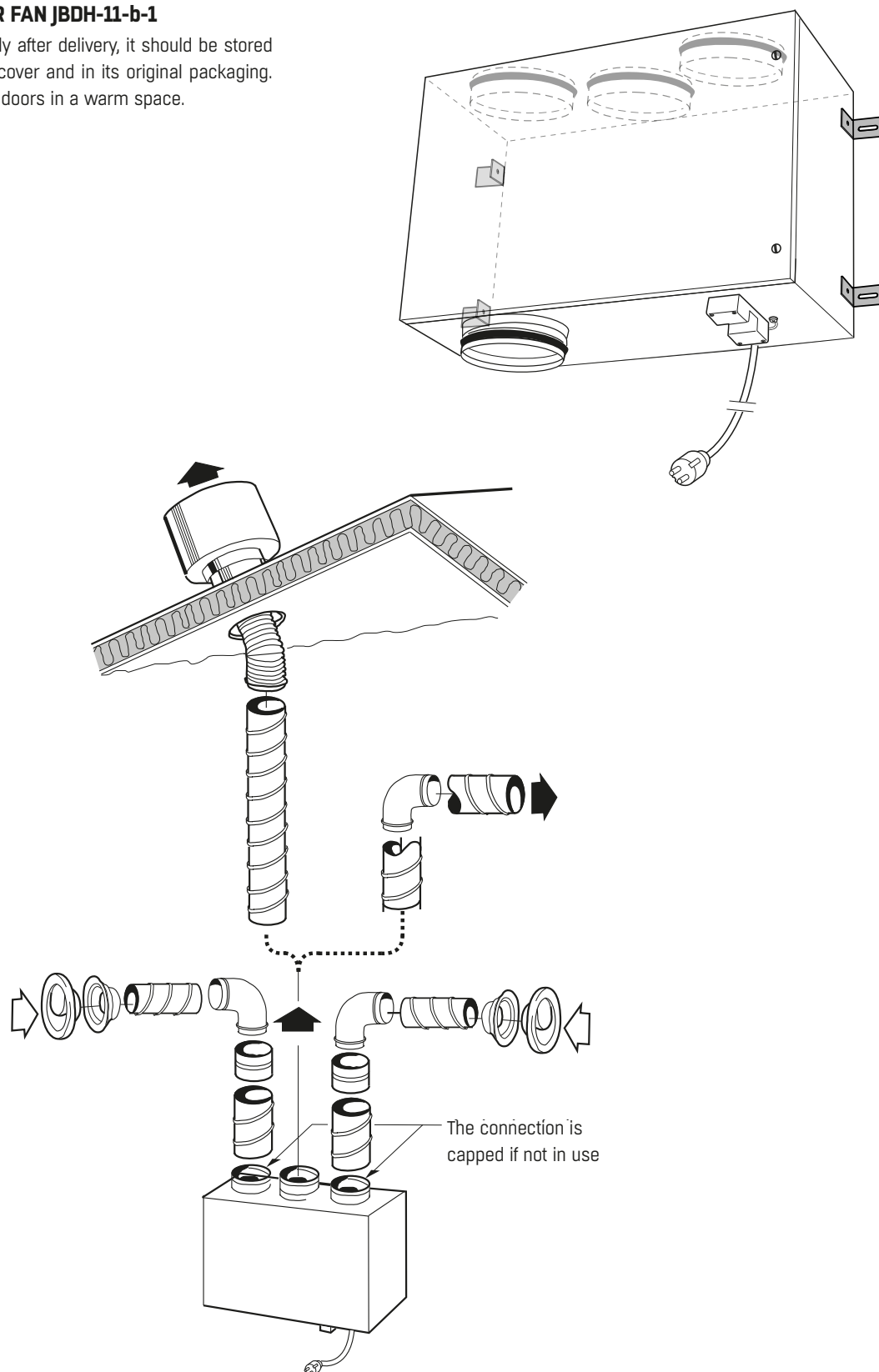
INSTALLATION AND MAINTENANCE



INSTALLATION

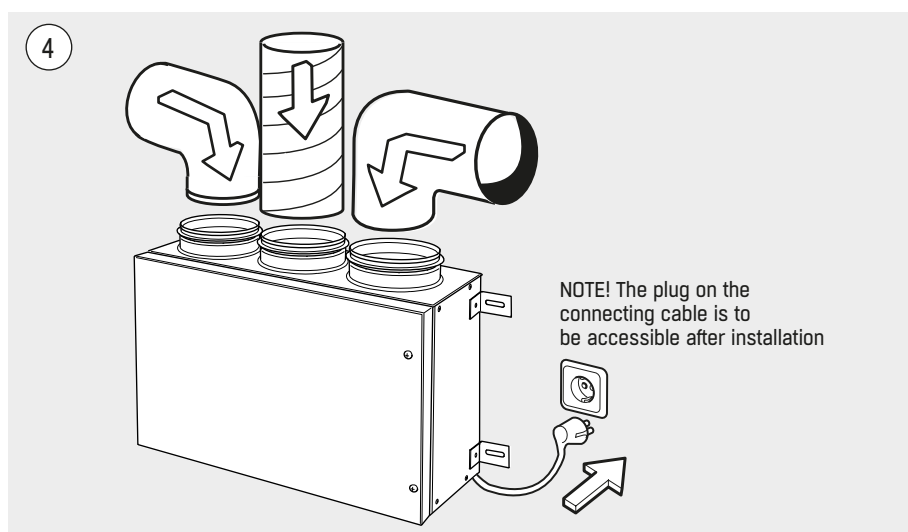
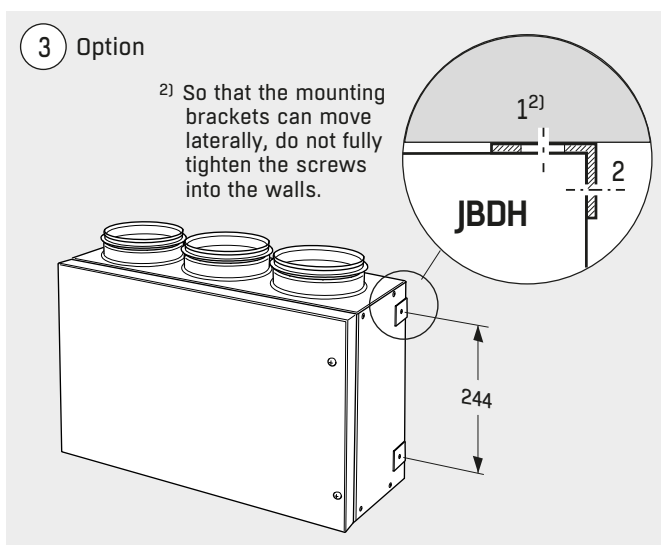
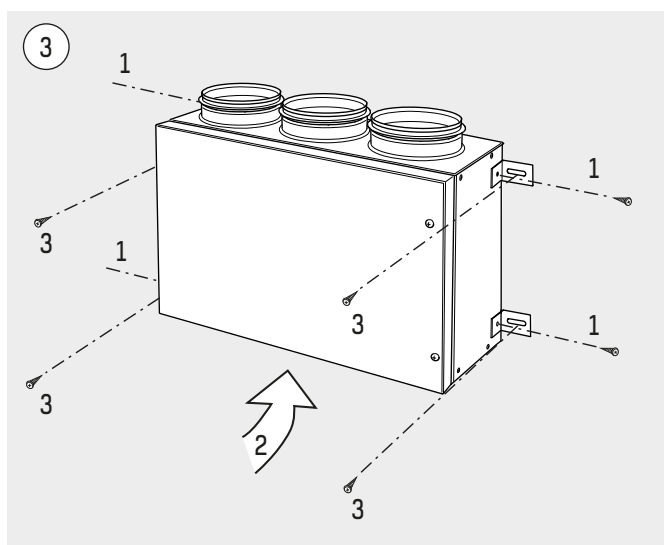
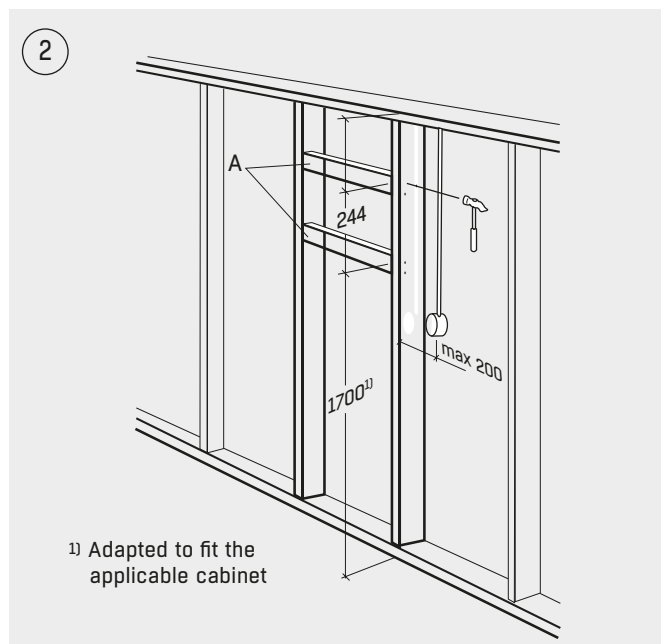
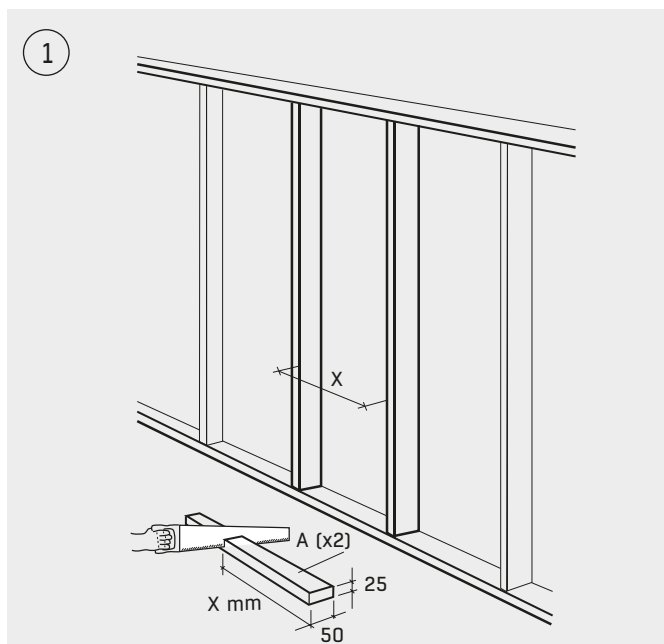
INSTALLATION OF EXTRACT AIR FAN JBDH-11-b-1

If the fan is not installed immediately after delivery, it should be stored in a well-protected location, under cover and in its original packaging. The fan is intended for installation indoors in a warm space.



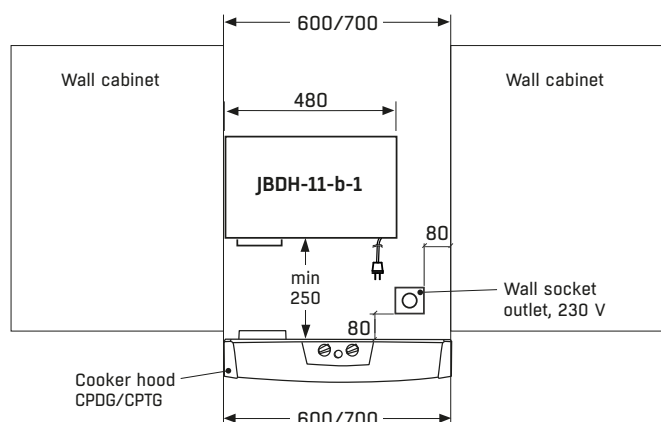
WARNING! The appliance may be used by children over the age of 8, persons (including children) with physical, sensory or mental disabilities or lack of knowledge or experience, provided they have received instruction or information on safe use of the appliance and understand the potential risks. Children may not play with the appliance. Children may not clean or perform maintenance on the appliance without supervision.

INSTALLATION

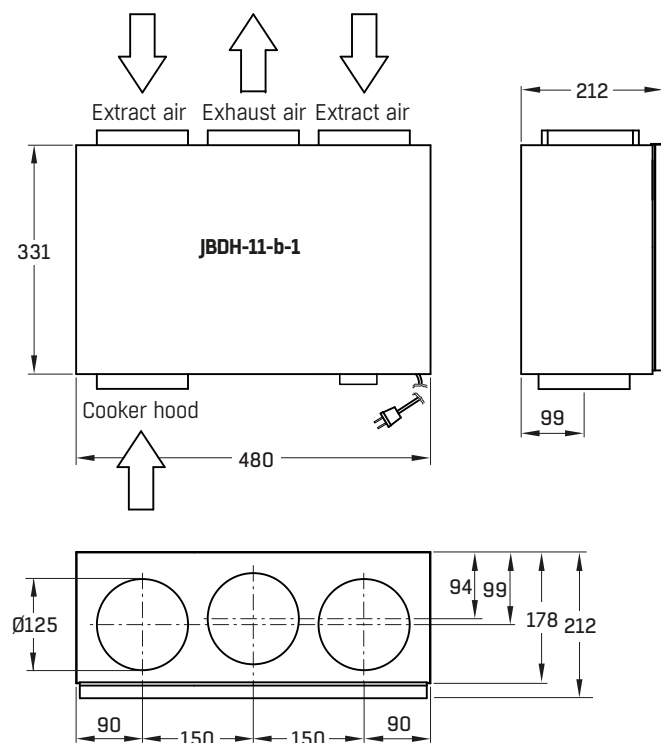


INSTALLATION, DIMENSIONS, ELECTRICAL CONNECTION

INSTALLATION BETWEEN KITCHEN CABINETS



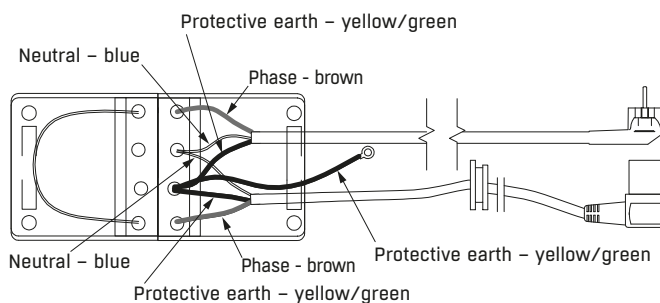
DIMENSIONS



ELECTRICAL CONNECTION

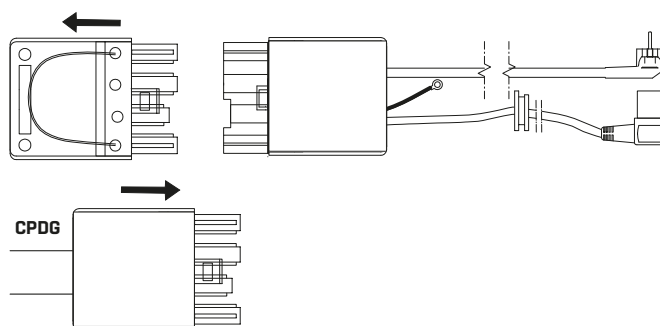
AS SUPPLIED – FAN AT MAXIMUM SPEED

Connectors assembled with jumpers



CONTROLLING THE FAN FROM THE CPDG COOKER HOOD

Remove the connector containing the jumpers and connect the cooker hood connector



If the connection cable is damaged, it must be replaced by the manufacturer, an authorised service firm or a similarly qualified professional to prevent the danger of injury or damage.

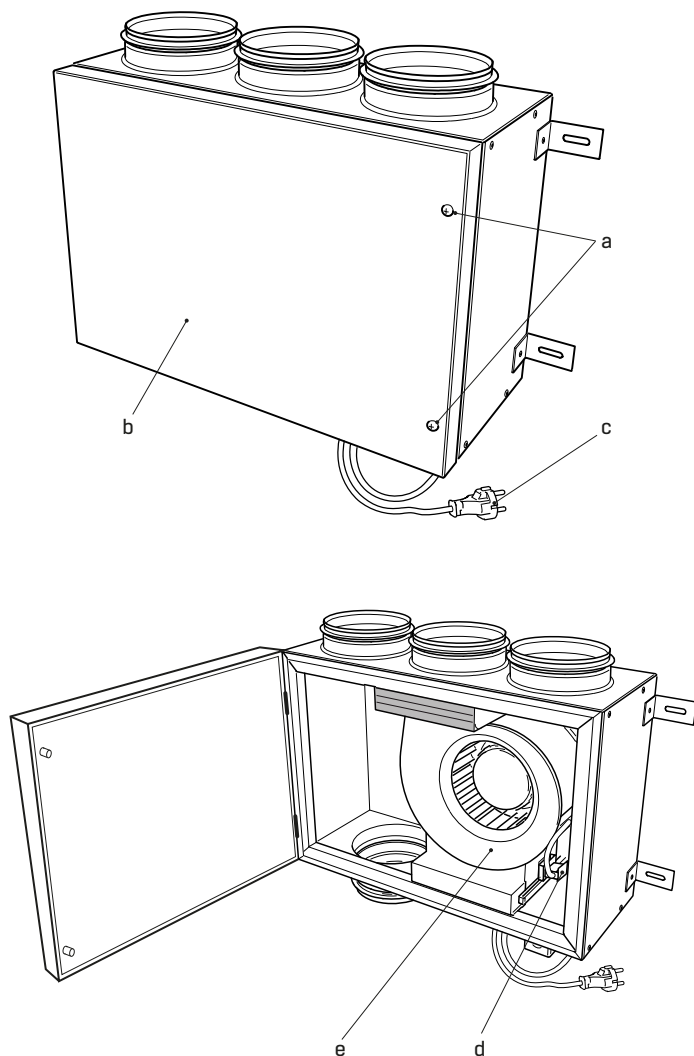
MAINTENANCE, REPLACEMENT PARTS, DISPOSAL OF PRODUCTS AND PACKAGING

MAINTENANCE – CLEANING THE FAN

Clean the impeller as necessary, but at least once a year. A dirty fan impeller can cause vibration and noise as well as increasing the risk of damage to bearings in the fan motor.

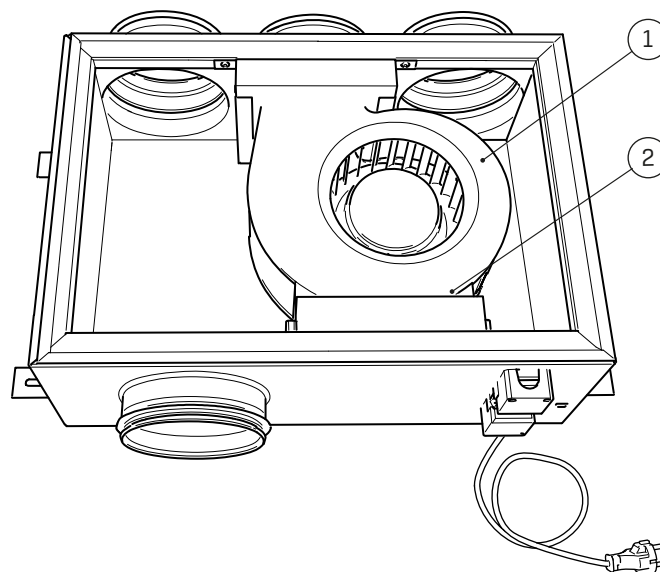
Carry this out as follows:

1. Disconnect the power supply by pulling out the plug (c).
2. Open the front cover of the fan (b) by unscrewing the screws (a) and then opening the cover.
3. Disconnect the connector (d) from the fan (e) and then lift it out.
4. Unscrew the impeller and pull it out of the fan housing.
5. Clean the impeller and fan housing.
6. Reinstall and reconnect in the reverse order.



- a. Cover locking screw
b. Cover
c. Plug
d. Connector
e. Fan

REPLACEMENT PARTS



Pos.	Designation	Name	Intended for
1	RDKG-99-42-1	Fan, complete	JBDH-11-b-1
2	JBDD-99-02	Start capacitor, 3 µF	JBDH-11-b-1

If the connection cable is damaged, it must be replaced by the manufacturer, an authorised service firm or a similarly qualified professional to prevent the danger of injury or damage.

DISPOSAL OF PRODUCTS AND PACKAGING MATERIALS



Separate at source according to local regulations. Depending on the product, the following should be removed when disposing of it:

- Circuit boards, cables, coils, motors, sensors etc.
- Filters other than metal ones (cooker hoods)
- Packaging material such as corrugated cardboard, plastic and expanded polystyrene.
- Everything else should be disposed of as metal. However, it should be noted that the unit also contains a vapour barrier, and sometimes mineral wool enclosed between the internal and external walls, which should be removed.
- Light bulbs and fluorescent tubes

DECLARATION OF CONFORMITY

FLÄKTEN

ENCLOSURE II A

Declaration of Conformity

In accordance with:

EU Directive for Machinery, **2006/42/EC**EU EMC Directive, **2014/30/EU**EU Directive for Energy related Products **ErP 2009/125/EC**EU RoHS Directive, **2011/65/EU****Manufacturer**

Flakten Systems AB
Timmervägen 68
921 33 Lycksele

Herewith declares that:

Product

Type: Exhaust Fan
Manufacturer: Flakten Systems AB
Commercial name: **JBDH**

The machine is designed and manufactured in accordance with the following standards, in relevant parts.

EN ISO 12100	<i>Safety of machinery – General principles for design- Risk assessment and risk reduction</i>
EN 60204-1	<i>Safety of machinery; electrical equipment of machines; general requirements</i>
EN 60335-1	<i>Household and similar electrical appliances - Safety - Part 1: General requirements</i>
EN 60335-2-40,31	<i>Household and similar electrical appliances - Safety - Part 2: Particular requirements</i>
EN 61000-6-1	<i>Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments</i>
EN 61000-6-3	<i>Emission standard for residential, commercial and light-industrial environments.</i>
EN 50106:2008	<i>Safety of household and similar electrical appliances - Particular rules for routine tests referring to appliances under the scope of EN 60335-1</i>
EN 62233:2008	<i>Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure</i>
EN 50581:2012	<i>Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances</i>

A risk analysis has been made according to requirements of the Directive for Machinery.

Authorized

To prepare technical documentation:

Ivan Harnesk
Flakten Systems AB
Timmervägen 68
SE-921 33 Lycksele
Sweden

The declaration applies only to the installation made according to FläktGroups instructions and assuming no changes made to the unit.

Lycksele 2025-10-01



Ivan Harnesk, CEO, Flakten Systems AB, Lycksele

Flakten Systems AB

Address
Flakten Systems AB
S-551 84
Sweden

Web
www.flakten.se

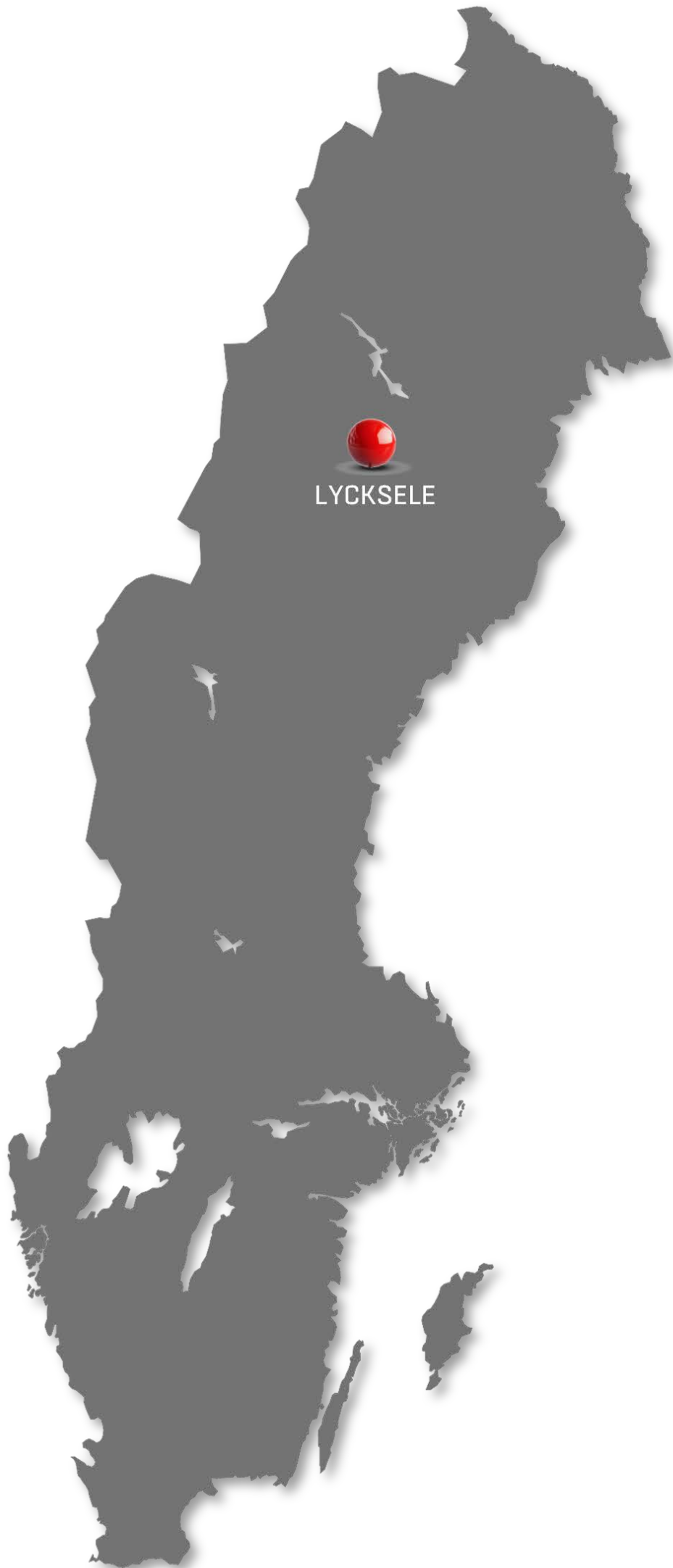
Reg. no:
559508-2974
Reg. office:
Lycksele

9848GB_JBDD_JBFG Declaration of conformity(2A)201901

JBDH Extract air fan

PRODUCT INFORMATION IN ACCORDANCE WITH COMMISSION REGULATION
(EU) NO. 1254/2014 ANNEX IV AS REFERRED TO IN ARTICLE 3(1b)

(a) Brand	Fläkten
(b) Model designation	JBDH
(c) Specific energy use (SEC)	-23.8 kW/m ² /year, Energy class C
(d) Unit type	Unidirectional
(e) Drive unit	Stepped speed controller
(f) Heat recovery system	None
(g) Thermal efficiency	0.0 %
(h) Maximum airflow	371 m ³ /h
(i) Additional fan output, maximum flow	97 W
(j) Sound power level	39 dB(A)
(k) Reference flow	0.075 m ³ /s
(l) Reference pressure difference	50 Pa
(m) Specified additional output	0.22 W/m ³ /h
(n) Control type	Local on-demand control
(o) Air leakage	Not applicable
(p) Mixing rate	Not applicable
(q) Visual filter alarm	Not applicable
(r) Instructions exhaust air grille	See installation instructions
(s) Web address for dismantling and installation	www.flakten.se
(t) Airflow sensitivity	Not applicable
(u) Air tightness, unit not connected to duct	Not applicable
(v) Annual electricity consumption	275 kWh/year
(w) Annual heating saved	Not applicable



LYCKSELE

FLÅKTEN



MADE IN SWEDEN

FLAKTEN SYSTEMS AB

www.flakten.se