

Remote Control for BlueChimney



User manual and installation guide

bluechimney.dk

Index

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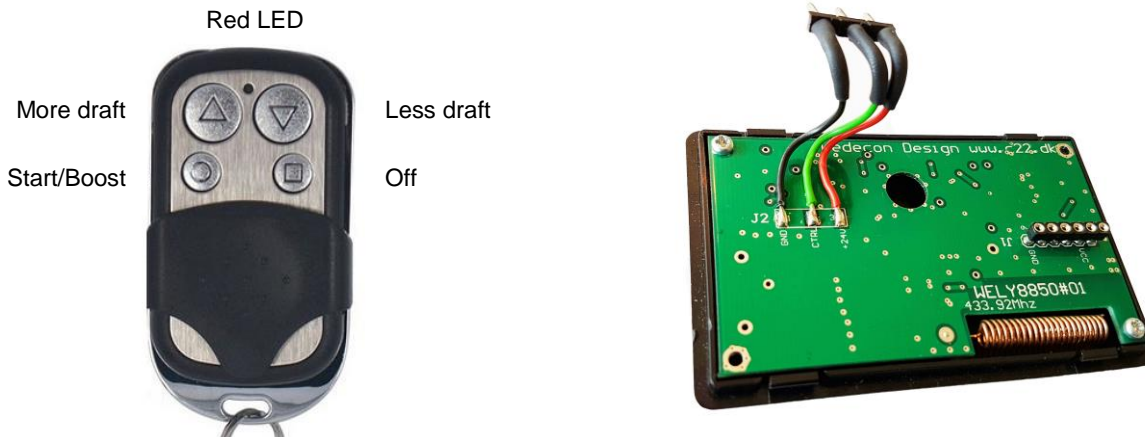
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1.0 Product information

The BlueChimney remote control replaces the speed adjustment which automatically comes with the BlueChimney smoke exhauster. The receiver unit of the remote control is placed in a lid which fits the black ceiling box which comes with the standard unit and is easily replaceable. The signal is encrypted and coded so other electrical units won't interfere with the use of the sender. The draft in the chimney is regulated either automatically or manually if needed. After the last push of the button the unit will automatically be switched off after approximately 4 hours.

1.1 Content

1. Hand-held sender unit.
2. Receiver unit to replace speed adjustment and lid on black ceiling box.



1.2 Use

BlueChimney Remote Control is used as a replacement for the wired speed adjustment.

1.3 Functioning

BlueChimney smoke exhauster works both fully automatically and manually:

Fully automatic control:

When lighting the fire/relighting, the Start/Boost-button O is activated by one push before lighting the fire in the fireplace.

The first 20 minutes:

The BlueChimney starts by boosting the draft for 20 minutes so that smoke in the living room can be avoided when lighting the fire. Afterwards, the speed is halved automatically.

The process of the next 2 hours:

BlueChimney runs half speed so the wood burning stove burns most economically and pollutes as little as possible. After two hours the speed is automatically set at a minimum.

After two hours more:

BlueChimney switches off automatically.

Relighting the fire:

Push the "Start/Boost" O button before relighting the fire/adding wood to avoid smoke. This way, the automatic starts over as a new burning sequence of 4 hours and 20 minutes.

Manual control: The automatic can always be annulled either by pushing "more draft" Δ, "less draft" ∇ or the "off" □ button. The BlueChimney switches off automatically approximately 4 hours after you pushed a button.

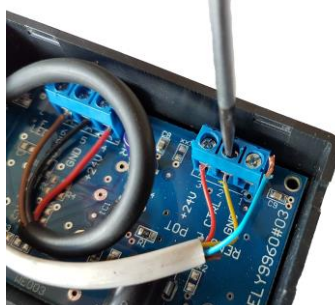
1.4 Mounting

NOTE: If mounting at a later time, the 24 Volt plug must not be connected to the ceiling box when mounting the receiver part in the ceiling box.

The lid on the black ceiling box is "clicked" off by using a screwdriver (picture 1) and the white wire is dismantled in the screw terminals 1, 2 and 3 (picture 2). The wires from the receiver "lid" are attached to the terminals and the screws are tightened lightly (picture 3).



Picture 1



Picture 2



Picture 3

The lid is "clicked" on and the 24 Volt plug is placed in the ceiling box. **The light diode light is now red and will now blink green once per second** which is a sign that the unit works correctly.

1.5 Pairing of sender and receiver

Hold the sender unit in the hand and activate the pairing by pushing the switch in the middle of the lid. If necessary, use a pen for it. **The light diode light remains firmly red and will now blink green three times per second for 30 seconds.**

The pairing with the sender happens by pushing the Start / Boost button within 30 seconds.

When it's paired, the BlueChimney starts by "boosting," and **the light diode light on the ceiling box remains firmly red and blinks green once per second.**

The sender and the receiver are now paired and the BlueChimney is ready to use.

Notice: The sender's reach is up to 70 metres. Walls, metal screens, radio signals etc. can reduce or disrupt the reach of the sender.

1.6 Warranty

There is a 2 years' warranty if manufacturing or construction defects occur.

1.7 Specifications

Model	BlueChimney BC/RC
Sender	433 MHz
Battery	12 VDC
Reach	Up to 70 m.