



## QUICK MANUAL PROFORT LAN UNIT (IR LAN)

100% DANISH DEVELOPED AND PRODUCED

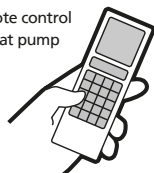


# How to use the Proforts LAN unit for control of your heat pump by use of smartphone app

## HOW DOES THE LAN UNIT WORK?

- 1** The LAN unit can record and store signals from the remote control of the heat pump.

Remote control of heat pump



LAN unit

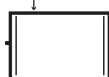


- 2** You can control the LAN unit from your smartphone app. The app messages our server which controls the LAN unit through the Internet.

Smartphone with app



LAN unit



- 3** When the LAN unit is set, the systems functions as follows:



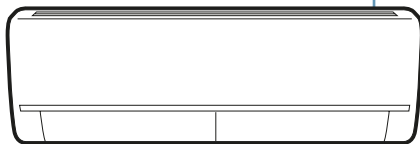
1. The LAN unit receives a code from the app via the internet.



2. The LAN unit finds the stored setting which matches the code.

0	Setting 0
1	Setting 1
2	Setting 2
3	Setting 3
4	Setting 4
5	Setting 5
6	Setting 6
7	Setting 7
8	Setting 8
9	Setting 9

3. The LAN unit sends an infrared signal with the setting for the heat pump.



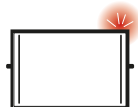
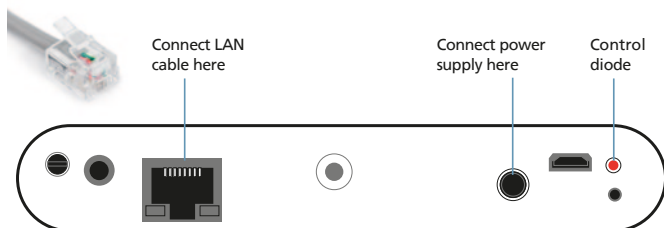
## 1. Connect the unit to the Internet

The unit is connected to the computer home network with a normal LAN cable.

When the unit can access the Internet, it creates automatic connection to the Profort server.

## 2. Supply the unit with power

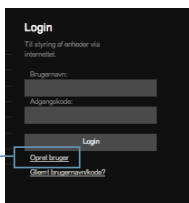
1. Mount the power supply and switch on power for the LAN unit.
2. The red control diode is lit for approx. 20 sec.
3. After that, the control diode will flash with one single flash every other second. It confirms that the LAN unit is ready and functions correctly.



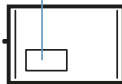
If the unit flashes twice there is no connection to the Internet. Check the connections and that the home network functions.

## 3. Register the unit on the Profort webportal

1. Register yourself as user on our homepage [www.profort.com](http://www.profort.com).
2. Your *username* is to be found on the label on the back of the unit. The username is e.g.: ID111111. *Password* you choose yourself. Type in your *email address*. Then we can send your password in case you forget it. Press *Register*.



The username can be found on the back of the LAN unit.



### 3. How to register the unit:

- A. Mark the line.
- B. Give the unit a number.
- C. Give the unit a name.
- D. Type in GSM number. It is the same as the username on the label. However, WITHOUT the letters "ID".
- E. The PIN code is always "1234".
- F. The operator is filled in in advance.

Nr	Beskrivelse	GSM-nummer	Pinkode	Operator
1	(valgfri tekst)	111111	1234	ID111111
<div> <div>Opret</div> <div>Slet</div> <div>Hent status</div> <div>Hent billede</div> <div>Hent GPS</div> <div>Opsætningside</div> </div>				

G. Press Register

NB!

Some producers (e.g. Panasonic), have preactivated their heat pumps. If you have received a note which states that your type of heat pump has been preactivated, you can skip the following 4 steps.

Or else press Set-up page.



## 4. Activate the IR codes

The unit is now registered and the IR codes for the heat pumps need to be activated.

Type in the command: `mi[space][producer name]`

It is important that you remember to put in a space between *mi* and the name of the unit. If your heat pump is from e.g. Panasonic, you write "Panasonic" in *Producer name*.

Status for 111111 fra den 27-08-2013 kl 12:45:05:

Udgange      Brudt      Sluttet  
0: Brudt      ☐      ☒     

**Kommando** [Hent vejledning](#)

MI [PRODUCER NAME]

The unit answers "OK" if everything functions as it should. If the unit answers "??", the heat pump is unknown and the functions need to be encoded manually. Read more about this on the backside.

**Indbakke**

27-08 13:52:07      OK>>MI [PRODUCER NAME]

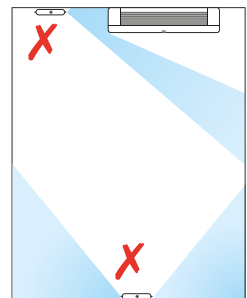
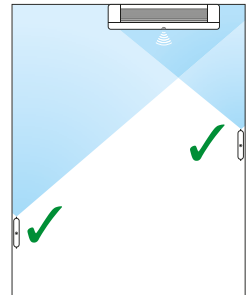
## 5. Place the LAN unit correctly

The heat pump receives infrared signals from the LAN unit in the exact same way that a television receives signals from its remote control. Therefore it is important that the LAN unit is placed so that the heat pump can "see" the IR codes of the LAN.

1. Place the LAN unit in visible distance and max 8 metres from the heat pump.  
Make sure that there is access to both power supply and a computer network for the unit to be connected.
2. One of the two IR diodes needs to point towards the heat pump.
3. Test the position by checking whether the heat pump reacts when it is activated from the app.

As extra equipment you can purchase an IR gooseneck or an IR cable in order to have more options for placing the LAN unit in visibility of the IR receiver of the heat pump.

4. When you are sure that your LAN unit is able to communicate with the heat pump, mount it to wall or ceiling.



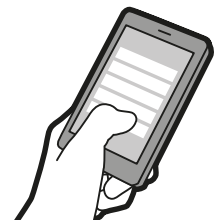
## 6. Install the Profort app in your smartphone.

It can be purchased for both Android and Apple phones.



## 7. Type in username and password in the app

You need to use the same username and password as in item 3.2. No matter where you are, now you can easily and simply control your heat pump from your smartphone.





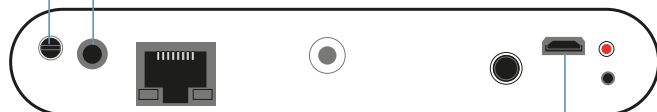
### More possibilities

Your LAN unit is able to do more than to control a heat pump. You can, for instance, connect a camera to the unit or an external temperature sensor which can measure the outdoor temperature.

In that way you can monitor your house or holiday home from your smartphone app. Easy and simple.

Indoor  
temperature sensor.

Jack plug



USB mini plug



#### Gooseneck for IR diode.

If the LAN unit is placed so that its built-in IR-diodes cannot "see" the heat pump the extension cable can give more options.



#### Extension for IR diode.

Like the above – but longer.

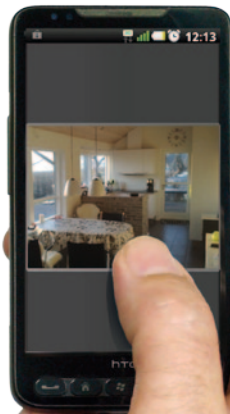


#### Surveillance camera.

Take photos of your home and see them directly on your smartphone. It is always nice to know in advance what awaits you at home.

#### Outdoor temperature sensor.

Then you can keep track of how much you need to turn the heating up or down.



**Do you need more help, or are you interested in advanced functions?**

**Read more in the manual on [www.profort.com](http://www.profort.com)**