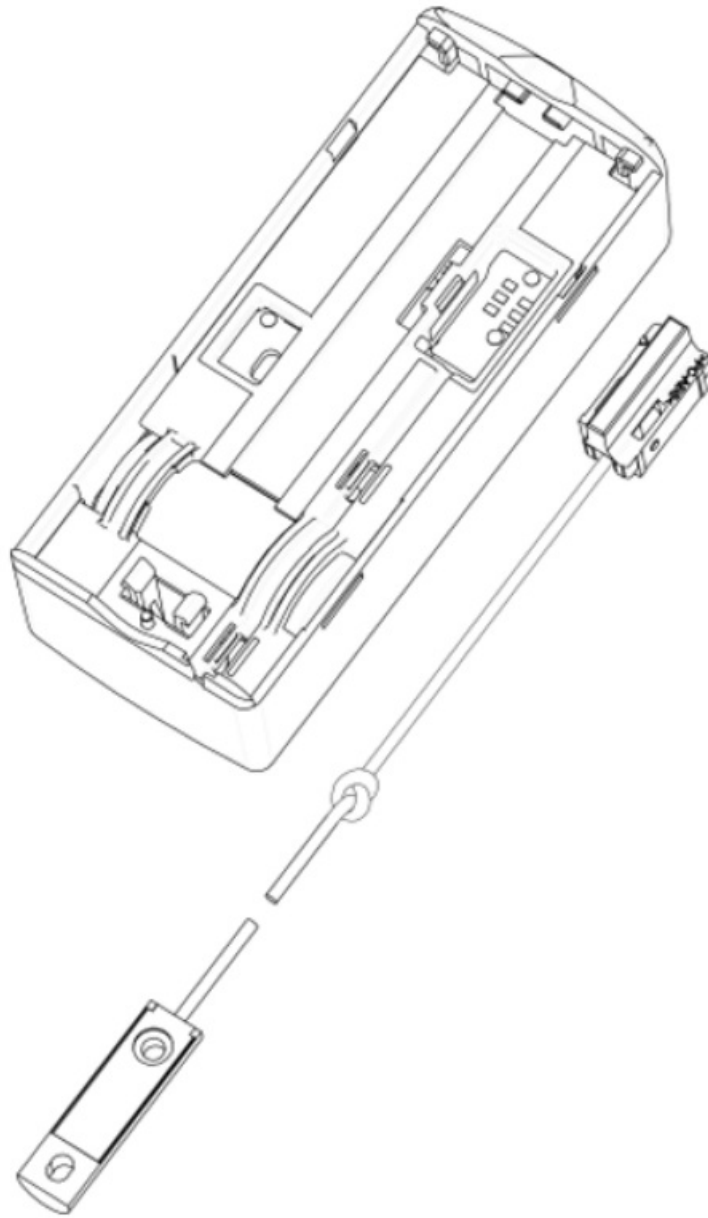




## Danfoss RA2000 Remote Sensor for SonoHCA Installation Guide

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Danfoss RA2000 Remote Sensor for SonoHCA



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## Mounting the Remote Sensor

For each version of heat cost allocator, it is possible to plug the connector of the remote sensor into an interface inside the heat cost allocator.

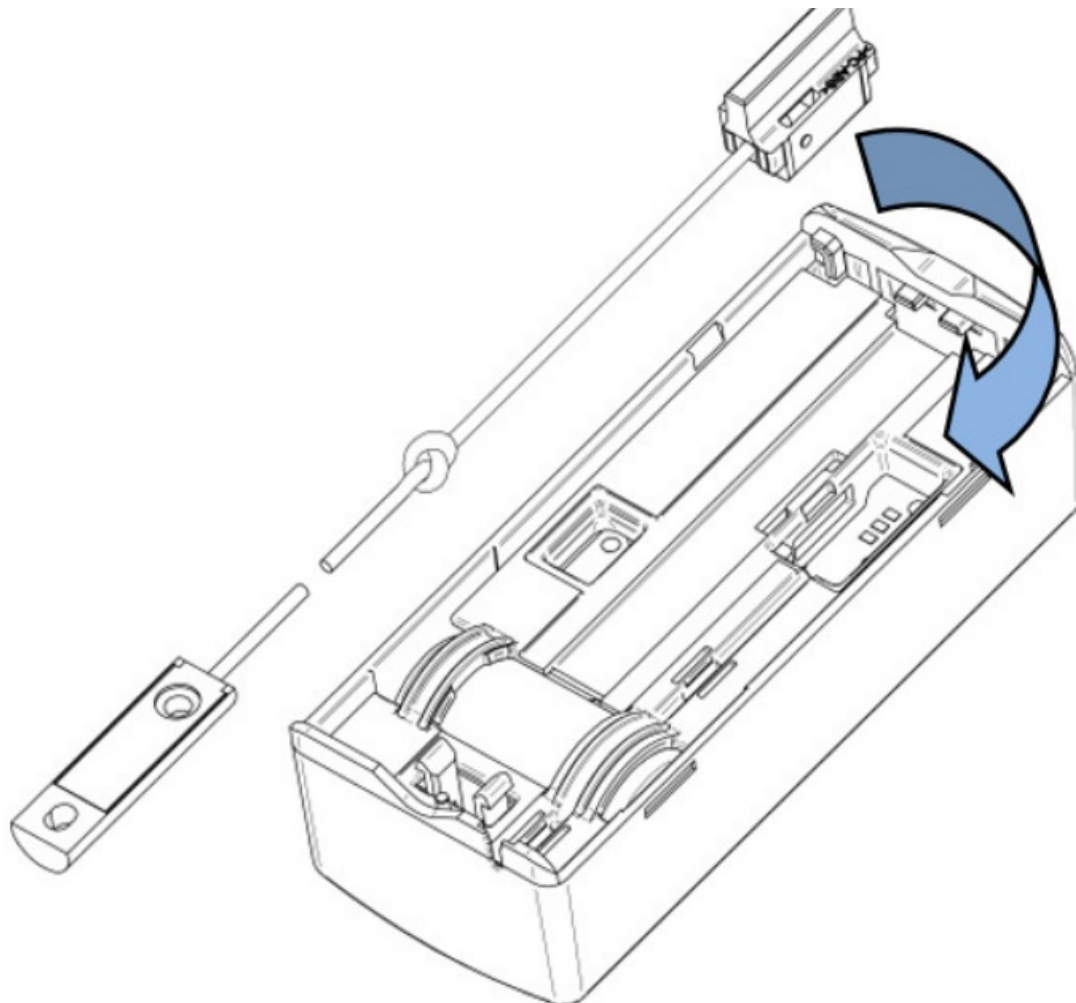
The remote sensor will be automatically detected by the heat cost allocator.

**Once equipped with a remote sensor, the heat cost allocator will only work for an application with remote sensor.**

Remote sensor version with 2 m or 5 m cable.  
The cable includes a stopper-knot.

**Figure 1:**

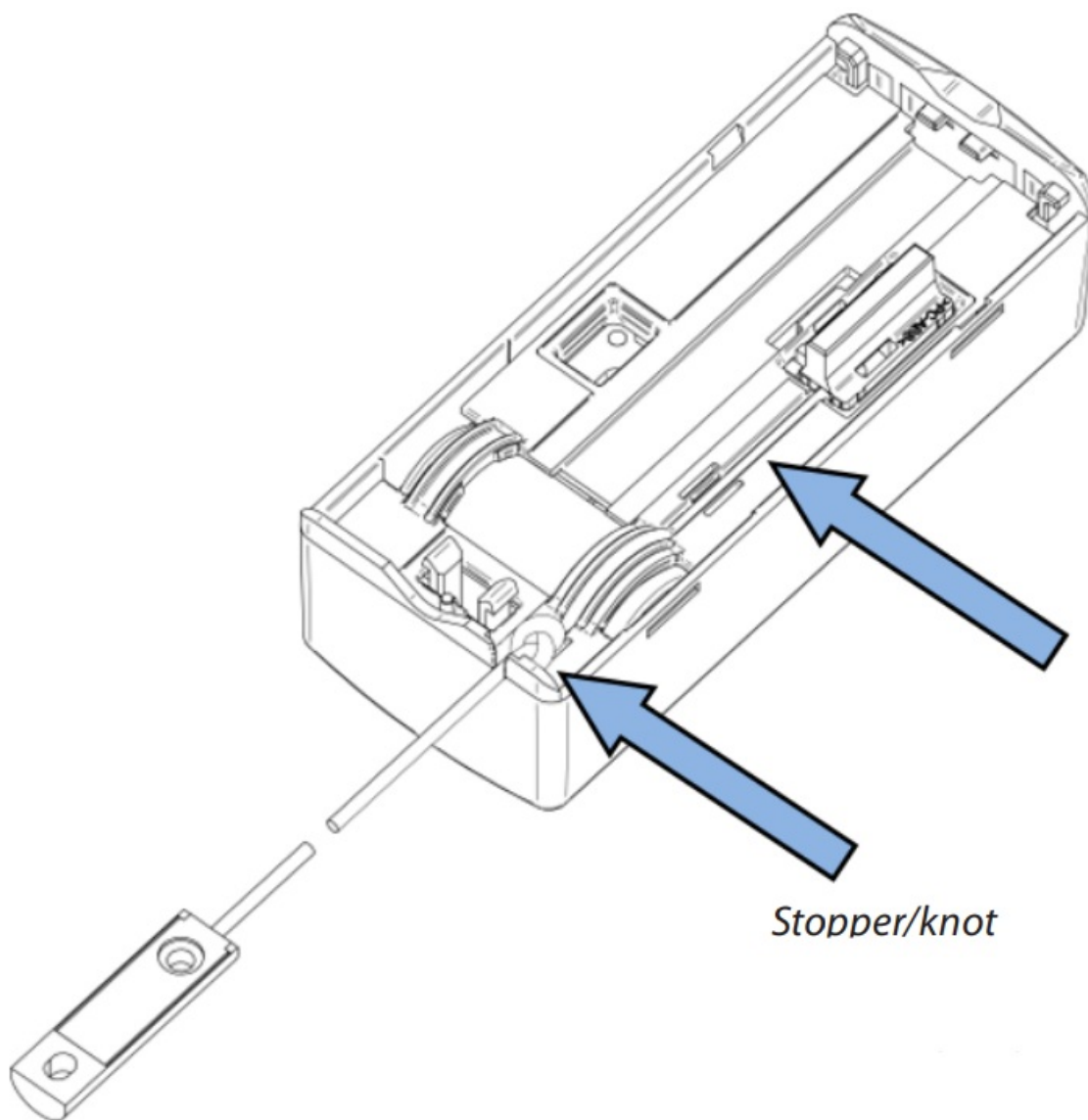
- Return the heat cost allocator and plug the connector of the re-mote sensor into the interface inside the heat cost allocator.



*Figure*

**Figure 2:**

- Insert the remote sensor cable into the groove provided up to the slot of housing.
- Place the stopper-knot inside the housing.  
The knot will avoid any traction on the connector.



*Figure*

Proceed to the commissioning of the heat cost allocator on the aluminum back plate. Take care not to stick the cable.

**Remark concerning the recognition of the remote sensor:**

Once heat cost allocator is fixed with/against the aluminum back plate, the LCD-display will show the following message during few seconds:



- The index **FF** indicates that the heat cost allocator has recognized the remote sensor.
- If the remote sensor is not detected by the device, the index — will be displayed. The index — indicates also a standard device with a compact sensor. If the remote sensor is not recognized, check the plug connector in the heat cost allocator.

Once heat cost allocator has recognized the remote sensor, push the seal pre-installed by Danfoss in the slot of the housing. Then press until the seal clicks into the aluminum back plate.

Respect the color code of the radiator sensor and the remote sensor:

- **Heat cost allocator Sono HCA:** the radiator sensor and the remote sensor are manufactured with a white or yellow color.

Once remote sensor was installed and if it is disconnected or cut of the heat cost allocator, an error message (**Err. 2**) will be displayed.

## Customers Support

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AN30083723252201-000102, RA2000 Remote Sensor for SonoHCA, RA2000, Remote Sensor for SonoHCA, Sensor for SonoHCA, SonoHCA

References

-  [Engineering Tomorrow | Danfoss](#)
- [User Manual](#)

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