

Frico Control Fan Heaters

One system, numerous possibilities

FC Control enables many smart and automated functions and allows you to optimize your comfort with minimum effort, customized to your specific needs. Today, different Frico product groups such as air curtains and fan heaters can be installed in the same system, with great benefits.



Energy savings with precise control

By receiving and reacting to information about the current room temperature in addition to the fan heater's inlet and outlet temperatures, the right amount of heat is added to avoid overshoots and thus reducing energy consumption.

Included in all levels.



Automatic heat blocking

To avoid unnecessary heating, the system automatically blocks any additional heat when the outdoor temperature reaches a given value (15°C by default).

Included in FC Pro.



Enhanced water control

Water heat is more accurately controlled with improved water functions and modulating actuators. Automatic functions such as frost protection and return water temperature control (with sensor FCWTA) improve product functionality without any additional effort.

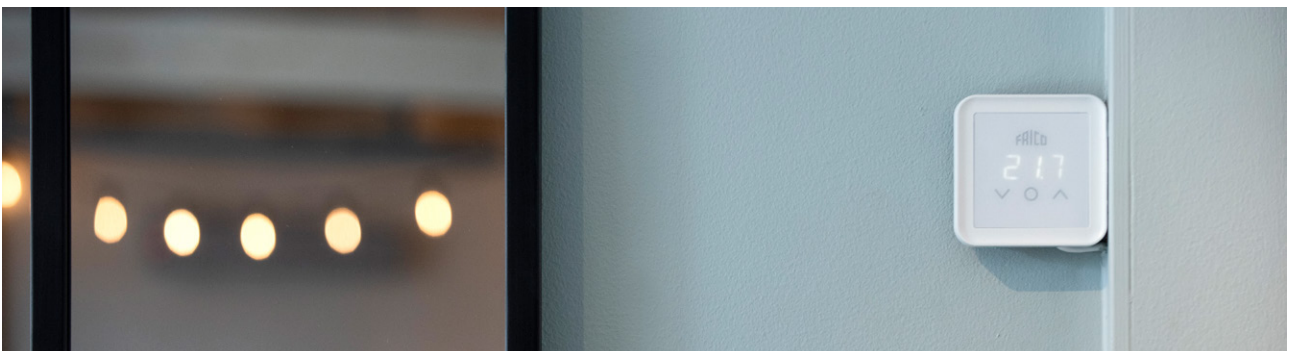
Available with FC Smart, FC Pro or FC Building.



Easy set-up and operation

The system automatically detects any products or sensors that are connected to it and immediately becomes functional. If anything is removed, a notification is sent out, and the system remains operational according to the new conditions.

Included in all levels.





Wireless sensors offer easier installations

Indoor and outdoor temperatures can be measured by wireless sensors, which allows for quicker and easier installations as no preparatory work is needed to connect cables through walls.

Accessories for FC Smart and included in FC Pro.



Control with app

The Frico app with its user-friendly interface makes it easy to set up and control products directly from your smartphone or tablet, allowing you to control your comfort with ease. The app FRICO CONTROL is available for both iOS and Android.

Included in FC Smart and FC Pro.



Create zones

The zone feature allows you to create different zones for different conditions and products in a larger system, to create maximum comfort and energy savings in all areas. All zones can be controlled from the same app.

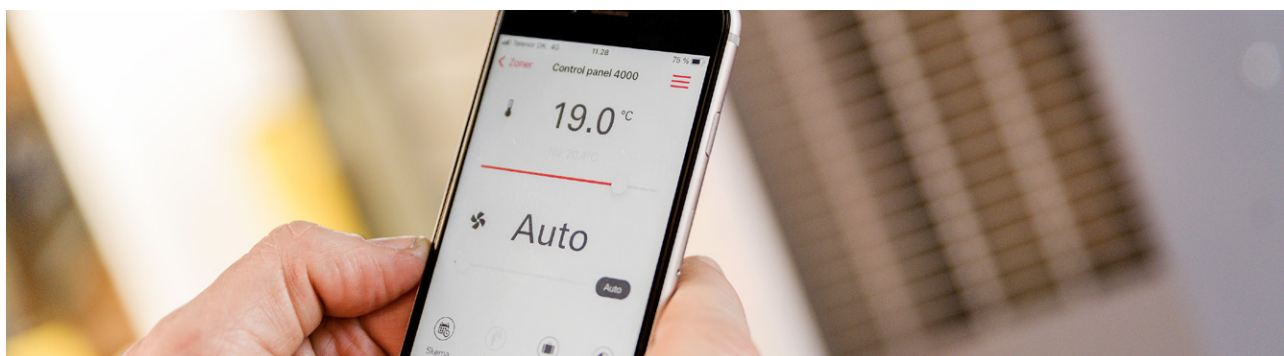
Available with FC Smart or FC Pro.



Automatic fan speed control

The fan speed is automatically adjusted in auto-mode, achieving the right amount of heat with the lowest possible sound level.

Included in all levels.



Frico fan heaters come with an integrated PC-board and must be supplemented with the intelligent control system FC of your choice. FC enables many smart and automated functions, including possible enhanced water control, which minimizes energy losses and provides low operating costs. There are four different packages to choose from, depending on your requirements.

FC Direct

Entry level

- Automatic fan speed control
- Calendar function
- Built-in temperature sensor
- Outlet temperature limit

FC Smart

FC Direct +

- Control via app (Bluetooth)
- Wireless sensors possible
- Adjustable calendar function
- Away, Boost and Presence function
- Zone possibility
- Enhanced water control possible

FC Pro

FC Direct + FC Smart +

- Automatic heat blocking

FC Building - BMS

FC Direct +

- 0-10V, potential free contact or Modbus
- Automatic heat blocking*
- Heat and fan settings
- Alarm indication
- Read values
- Enhanced water control possible

* Requires outdoor temp signal



Content

- FCCF control panel
- FCBC05 communication cable, 5 m

FC Direct

Entry level control system for a great start. The fan speed is automatically adjusted in auto-mode, achieving the right amount of heat with the lowest possible speed and sound level. With the calendar function, you can choose periods of comfort and reduced mode. It is possible to limit the outlet temperature. The control panel has a built-in temperature sensor, which is used for control when external sensors are not used.

Item number	Type	Description
74688	FDCF	FC Direct, first level control system



Content

- FCCF control panel with built-in temperature sensor
- FCBC10 communication cable, 10 m
- FCLAP local access point Bluetooth

FC Smart

Second level control system for full freedom. FC Smart comes with all features from FC Direct plus additional energy saving features and the possibility of app control (Bluetooth). The app gives you access to all functions in the system, allowing you to set it up exactly the way you want it. It also enables you to create different zones with different settings in a larger system. Choose between several modes for heating only when needed, such as Away, Boost and Presence. The app FRICO CONTROL is available for both iOS and Android.

Item number	Type	Description
74689	FCSF	FC Smart, second level control system



Content

- FCCF control panel
- FCBC10 communication cable, 10 m
- FCLAP local access point Bluetooth
- FCTXRF indoor/outdoor wireless sensor

FC Pro

Third level control system for maximum savings. FC Pro comes with all features from FC Direct and FC Smart plus additional automatic energy saving features. The heat blocking function prevents unnecessary heating, using the wireless outdoor temperature sensor.

Item number	Type	Description
74690	FCCF	FC Pro, third level control system



Content

- FCCF control panel
- FCBC10 communication cable, 10 m
- FCBAP building access point

FC Building - BMS system

Comprehensive control system for buildings, with the option to control via 0-10V, potential free contact (e.g. a relay) and/or Modbus RTU (RS485). FC Building enables you to receive product information status and alarms. Modbus allows for full use of all the energy saving features within the control system.

Item number	Type	Description
74691	FCCF	FC Building, BMS system

FC Control system helps to create many smart and energy saving features. In addition to our four packages, components can be added to expand and customize the system. With the app levels (FC Smart and FC Pro) it is also possible to create and control different zones. Each added zone needs to be equipped with one FC Direct and can be designed to fit its specific needs by adding different accessories. Air curtains and fan heaters with FC can be installed in separate zones in the same system.



FC Direct, control kit

Control panel for fan and heat and 5 m communication cable. Used for additional zones with FC Smart and FC Pro. IP44.

FCRTX, external room temperature sensor

For reading of the room temperature on another location than that of the control panel, incl. 10 m sensor cable. IP20.

FCOTX, outdoor temperature sensor

Reading the outdoor temperature, incl. 10 m sensor cable. Enables heat blocking. IP44.

FCLAP, local access point

Local access point for extra wireless sensors (when operating more than 8 sensors) and extended range for wireless sensors or app control (Bluetooth), incl. 10 m communication cable. IP44.

FCSC/FCBC, cable

FCSC Sensor cable available in 10 or 25 m for extra length. FCBC Communication cable for additional products within the same zone, available in 5, 10 or 25 m.

FCTXRF, indoor/outdoor wireless sensor

Indoor/outdoor wireless sensor with same features as FCRTX and FCOTX. The set up as outdoor or indoor sensor is made by a switch inside the sensor. Range up to 50 m. Battery life: 3-5 years (2xAAA). IP44.

FCWTA, return water temperature sensor

Enables control of return water temperature which provides reduced energy consumption and extended frost protection.

FC Direct

Content

- FCCF control panel
- FCBC05

FC Smart

Content

- FCCF control panel
- FCBC05
- FCLAP

FC Pro

Content

- FCCF control panel
- FCBC05
- FCLAP
- FCTXRF

FC Building - BMS

Content

- FCCF control panel
- FCBC10
- FCBAP building access point

Item number	Type	Description	Dimensions
74688	FCDF	FC Direct, first level control system	89x89x26 mm (FCCF)
74694	FCRTX	External room temperature sensor	39x39x23 mm
74695	FCOTX	Outdoor temperature sensor	39x39x23 mm
74699	FCLAP	Local access point for extra wireless sensors and extended range	89x89x26 mm
74718	FCBC05	Extra communication cable, 5 m	5 m
74719	FCBC10	Extra communication cable, 10 m	10 m
74720	FCBC25	Extra communication cable, 25 m	25 m
74721	FCSC10	Extra sensor cable, 10 m	10 m
74722	FCSC25	Extra sensor cable, 25 m	25 m
74703	FCTXRF	Indoor/outdoor wireless sensor (for FC Smart, FC Pro)	89x89x26 mm
74702	FCWTA	Return water temperature sensor	

