

Intelligent regulation for air curtains | **SIRe**



Simple • Intelligent • Regulation • economy

# Let SIRE be the brain of your entrance

**We live in an ever changing world where circumstances and conditions are always changing. Just like the big wide world, the conditions at your entrance are also continuously changing. Wind and weather, ventilation imbalance and how often the entrance is opened and closed are just a few factors that affect how well an air curtain manages to separate indoor air from outdoor air.**

**We do not want you to have to think about all of this. The fact is that we would rather that you forget that we are there, taking care of everything for you.**

**With SIRE you get an air curtain that adapts itself and learns the conditions at your entrance and ensures that high comfort and low energy consumption is maintained.**



## Intelligent

Automatically adapts to your entrance

SIRE automatically adapts to your entrance conditions. Depending on how often the door is opened/closed, or if it is left open continually, SIRE controls the air curtain operation so that optimal comfort and energy efficiency is achieved.



## Proactive

Anticipates for quicker reactions

By measuring the outdoor temperature, SIRE is always a step ahead. Regulation ensures that the air curtain is prepared for changes in the outdoor temperature. For example, when a warm spring day turns into a chilly evening. The fan speed is adjusted depending on the outdoor temperature change and stops the chill before it penetrates inside the premises.



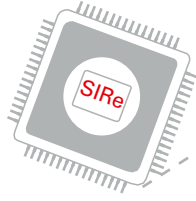
## Adaptive

Expert on your entrance

SIRE has the capacity to learn precisely what happens at your entrance and adapts the air curtain so that it is always ready to operate fully as soon as the door is opened. It also considers the acoustic comfort by ensuring that the air curtain does not switch between high and low speeds too often.



# SIRe inside



## Calendar function

Presets as required

SIRe has a calendar function for all days of the week. The air curtain starts in the morning and switches itself off in the evening without you having to do anything. The calendar function ensures that the air curtain is always working to create a comfortable climate and save energy.



**Regulation of  
airflow and  
heat output**

**Open/closed door**

**Outdoor temperature**

**Indoor temperature**



## Eco mode

Save money and the environment at the same time

With SIRe intelligent regulation you get comfort in your entrance without wasting energy. If you want to increase the energy efficiency further, set SIRe to Eco mode. Energy savings up to 35 % is possible. The air curtain then uses as little energy as possible without compromising too much on comfort.



## Simple installation

"Plug and play"

SIRe is easy to install. The different components are supplied together and are easy to assemble. The system self-checks that everything is correct and that it functions. Thanks to the preset factory settings it is easy to start air curtain operation as soon as the system is in place.

An option for every need  
Choose between three solution packages:

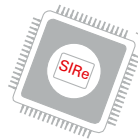
Basic

Competent

Advanced



For fan heaters



*SIRE is a built in control board in selected fan heaters from the Frico range*

**SIRE**  
inside

SIRE is also pre installed in selected fan heaters and is a flexible control system that enables you to influence how you control your regulation.

SIRE can together with your fan heater give a fully automatic room heating with night reduction and optional shut-down at certain temperatures. SIRE also ensures that the fan does not consume more energy than necessary. Instead, the output is increased automatically as necessary and ensures comfort and energy efficiency at the same time. By selecting between eco and comfort modes you can increase the energy efficiency further.

By choosing a fan heater with a built in SIRE you can also get an easy and safe ventilation solution with mixing cabinets. The controls are fully automatic and integrated frost protection prevents the water coil from freezing and breaking. SIRE also ensures that the fan never blows cold air by limiting the inflow temperature.

When your fan heater is installed SIRE makes it easy to get started. The different components are supplied together and are easy to assemble. Thanks to the preset default settings it is easy to start fan operation as soon as the system is in place.

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Frico AB, Box 102,  
SE-433 22 Partille, Sweden  
+46 31 336 86 00  
+46 31 26 28 60  
mailto:mailbox@frico.se · www.frico.se