



TELETASK

trendsetter in domotics



## HEATING | COOLING

### NEAR ZERO ENERGY COMFORT

***Imagine a house with perfect room temperature control. Never too hot or too cold and where no energy is spoiled. A house with an intelligent heat-recovery ventilation system which offers highest air quality at all time. Where humidity or smells don't get a chance, even not in the bathrooms and cooking areas. A house that tracks and manages the status of windows and shades while heating or cooling. A house that avoids heating and cooling by using the free energy of nature when possible. A safe house with the lowest energy consumption. A home to enjoy.***

It is possible. Also in your project. And moreover, it is easy and affordable thanks to the TELETASK smart homes integration systems.

By installing a TELETASK system, an intelligent air conditioning is integrated with any other energy generating and consuming device in your house or apartment. You don't need to take care and you can enjoy more interesting

things then changing thermostats all the time, etc... You can simply forget about it.

Thanks to the typical TELETASK integration, which is based on its +33 years of international experience, parameters coming from different kinds of sensors will be related with the wishes and desires of the residents. Sensors for measuring the indoor- and outdoor temperature, sun-light level, air-humidity, air quality, combined with the information of presence or absence of the residents and their wishes are continuously used for the most optimised heating/cooling control of your home. This intelligent control includes the control of fans (for ventilation, exhausting, night cooling, ...), circulation pumps, valves for water and air, heat recovery systems, sun blinds, shutters, curtains (over-heat protection) and much more. When opening a window, the temperature settings will be influenced accordingly. This way you are always informed and you can prevent needless energy loss or unexpected room temperatures. When



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the summer temperatures get high by the sun radiation, the system will lower the shields before the temperatures get too high inside and prevent the need or the early activation of a cooling system.

When leaving the house you just push on the button 'going out' and besides of the deactivation of all/most electrical appliances, the air conditioning can go in a 'stand-by' or 'holiday' status. Thanks to this status your house will maintain the desired temperature any time of the day and year and at the lowest possible cost.

Up on arrival back home, after identification of your access tag or when activating the 'coming home' button on your mobile device, the room temperatures will set immediately to reach the desired temperatures.

Since a healthy home is a house that breathes, the health recovery system is always under control. It will be activated when air quality is decreased. The control is adapted to the presence or absence of the inhabitants due to the integration with the other home functionalities and energy losses are reduced to the minimum. Integrated intelligence has many advantages. It increases security and comfort levels and makes the energy consumption as low as possible without the need of the users input. TELETASK takes care.

The flexibility of the TELETASK system is also a trump card in our contemporary life. You have flexible working times? That's fine. When leaving for home just take your smart phone

and activate the heating/cooling and overrule the predefined clock settings. You have a weekend house? Thanks to your smartphone you will arrive with the preferred room temperature settings. Whenever you would be absent for a longer period, the humidity sensor will realise a regular ventilation to prevent fungous and disagreeable odours.

And what do you see of all these functions? Nothing really. Just a couple of small optional sensors in- and outdoor. But most of the sensors are built-in to your design control panels. So, you will not see any of them.

What do you have to know or to do to use this kind of intelligence? Nothing. Especially nothing. The TELETASK system combined with the sensors has a very intelligent view on your energy consumption and day-to-day comfort. So, just don't care about it. Less is more. You, as a resident, can enjoy your Quality Time without worrying. A precious activity that TELETASK can optimize.

You would like to realize this in small steps? That is possible as well. You can start with only some basic components and later on you can add more items. The TELETASK system is fully modular and can be extended any time you like. We suggest providing the necessary pipes/cables during the first phase already. Please ask advice at your TELETASK system integrator. He knows what to do when, while you can limit the initial budget to the minimum.