

Controller Set LHCC for Heating & Cooling



PRESS RELEASE

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SOREL Presents New Controller LHCC with °CALEON Clima for Heating & Cooling

Right before the cooling season starts, SOREL launches their new weather-compensated climate controller LHCC. "It's becoming more and more popular all over Europe to use heat pumps and surface heating for combined heating and cooling. The LHCC provides the perfect solution for these systems", as CEO Jonas Bicher points out. The 22 pre-defined schemes can flexibly be extended by assigning additional functions to free relays, so that even individual requirements can be configured easily and fast. A total of 10 sensor inputs, 3 outputs for 230V and 2 0-10V/PWM outputs are available in the LHCC. The 0-10V/PWM outputs can be used for modulating burners with 0-10V/PWM signal or the new PWM mixers, which SOREL supplies as part of a full set.

The set is completed by the new room controller °CALEON Clima, which communicates with the LHCC via SOREL Connect interface. The capacitive TFT colour touch display, the front glass panel and the neat designer housing result in an elegant appearance. The intuitive menu empowers any user to adjust his desired temperature quickly or select among 4 operating modes for heating and cooling each. "Even setting the heating and cooling times is extremely straightforward, so that operating °CALEON Clima is a piece of cake for anyone, whether a teenager or elderly people", according to Bicher. "Whenever multiple °CALEONs are connected, every room can get his individual temperature and time profile with just a few clicks." In this way, besides enhancing living comfort, the highest ErP efficiency class VIII for temperature controls can be fulfilled. Additionally, the integrated temperature and humidity sensor allows for a reliable dew point calculation.

Further extension options arise from the possibility to link °CALEON Clima with SOREL Connect for remote controlling the heating and cooling system conveniently by app, as well as the combination with the future °CALEONBox for surface heatings with up to 8 zones. Both the LHCC and °CALEON Clima premiere at MCE in Milano in hall 4, stand R07.

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High-resolution graphics:



http://sorel.de/downloads/pm/lhcc_pwm_caleon.jpg

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