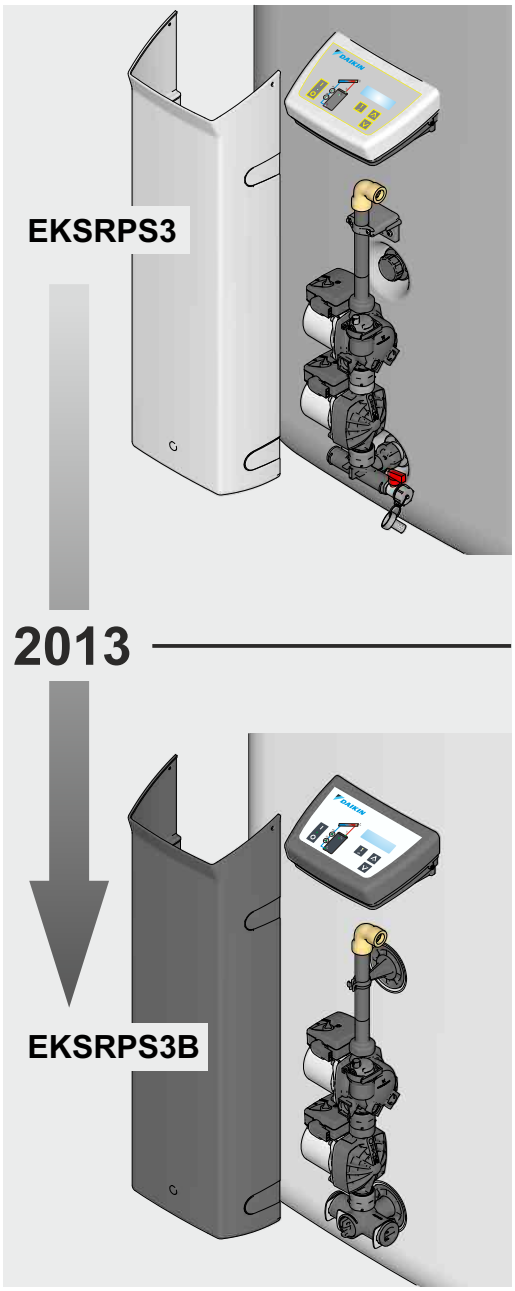
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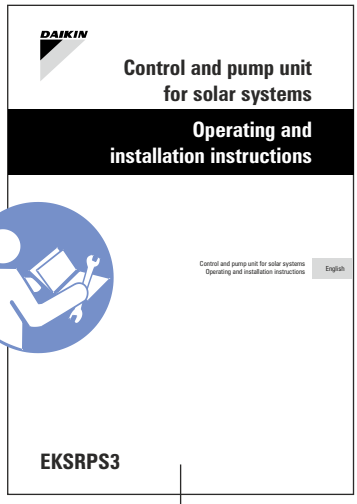
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Control and pump unit for solar systems

Operating and installation instructions



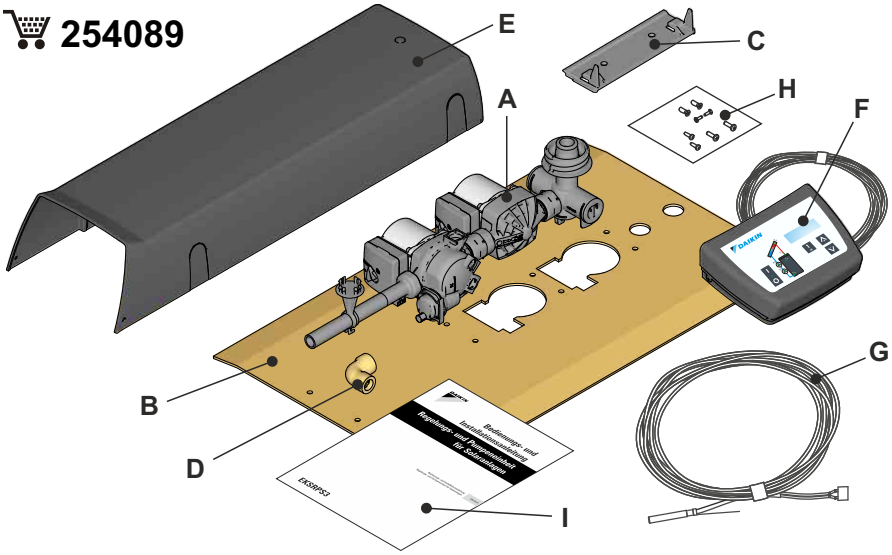


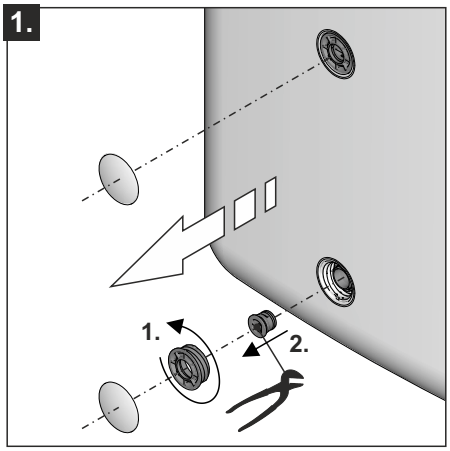


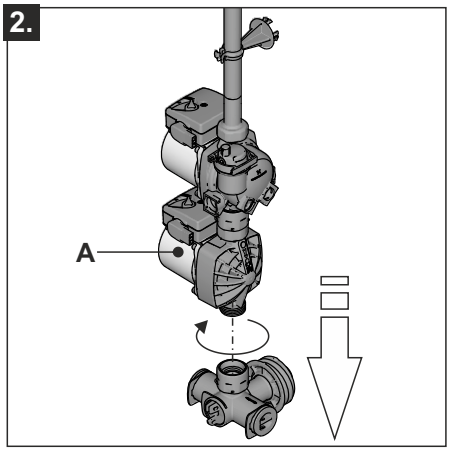
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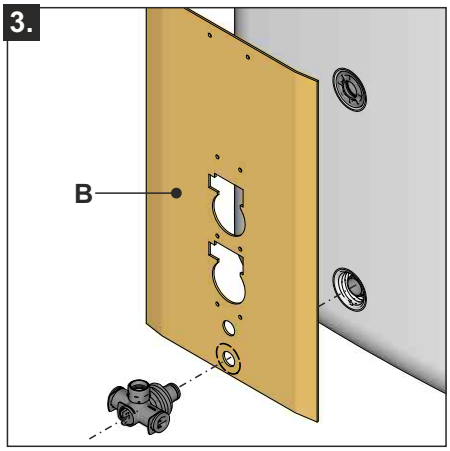
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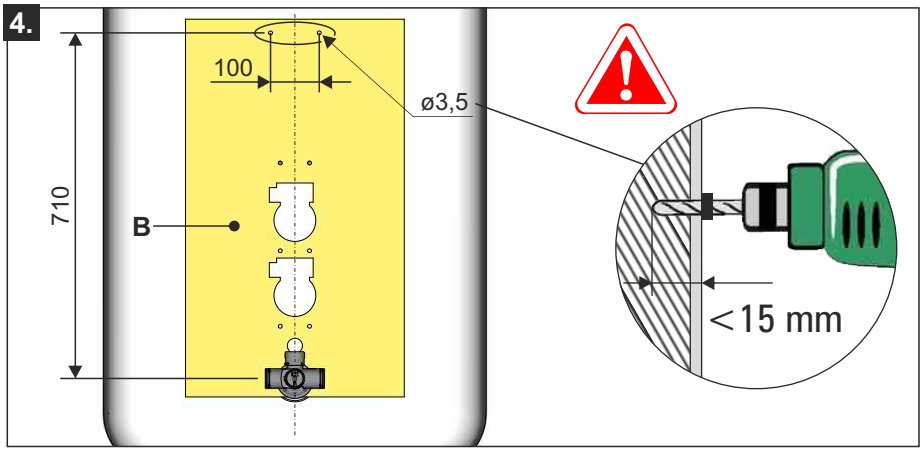
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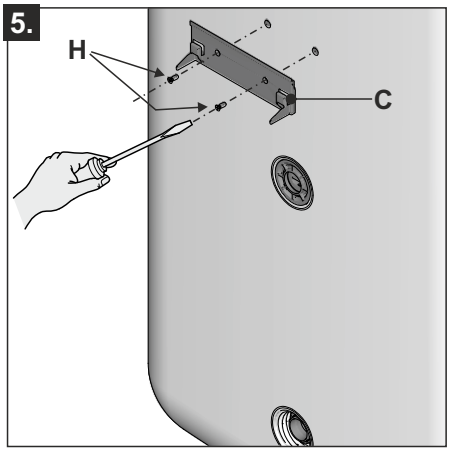


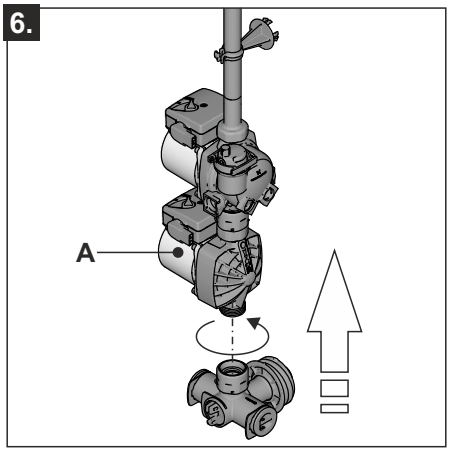


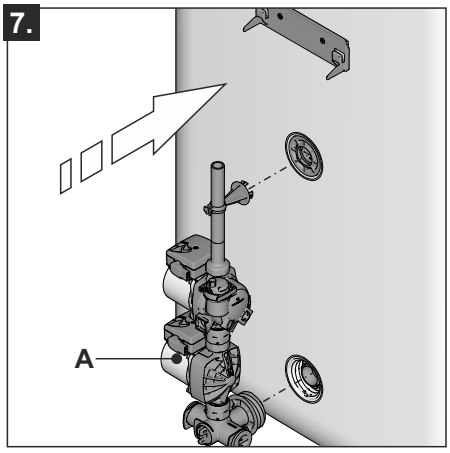


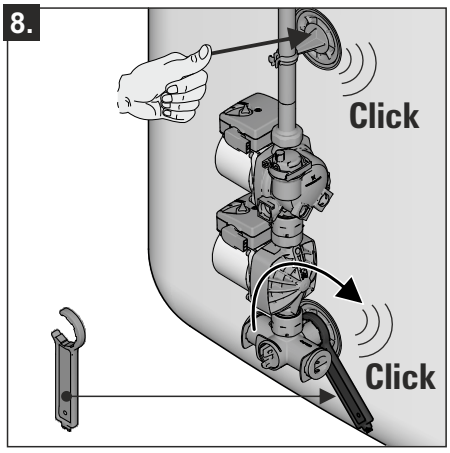


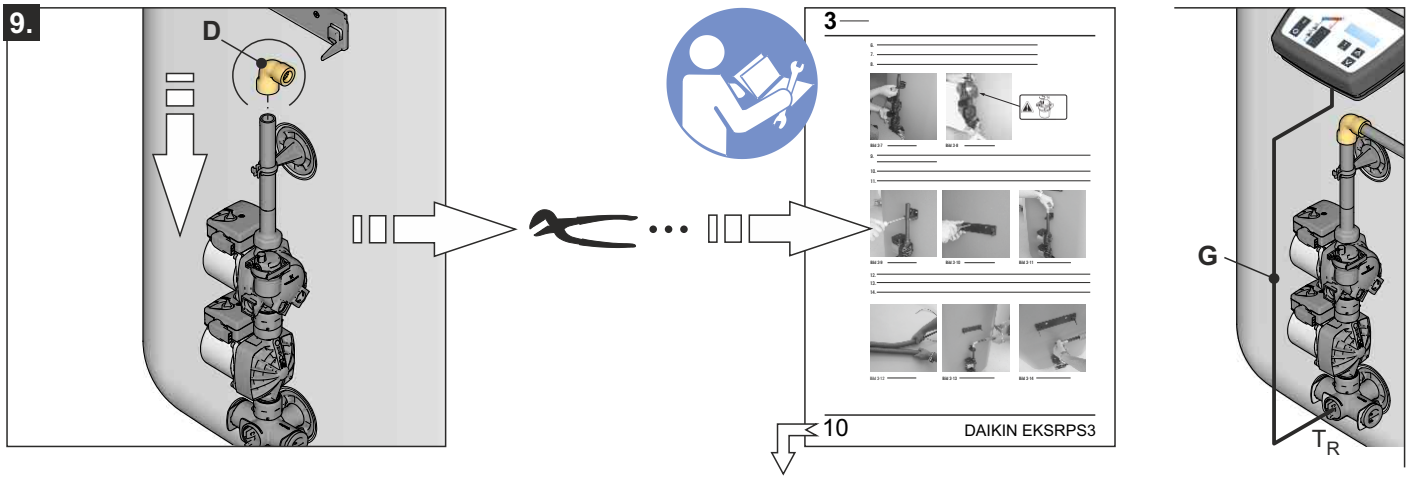


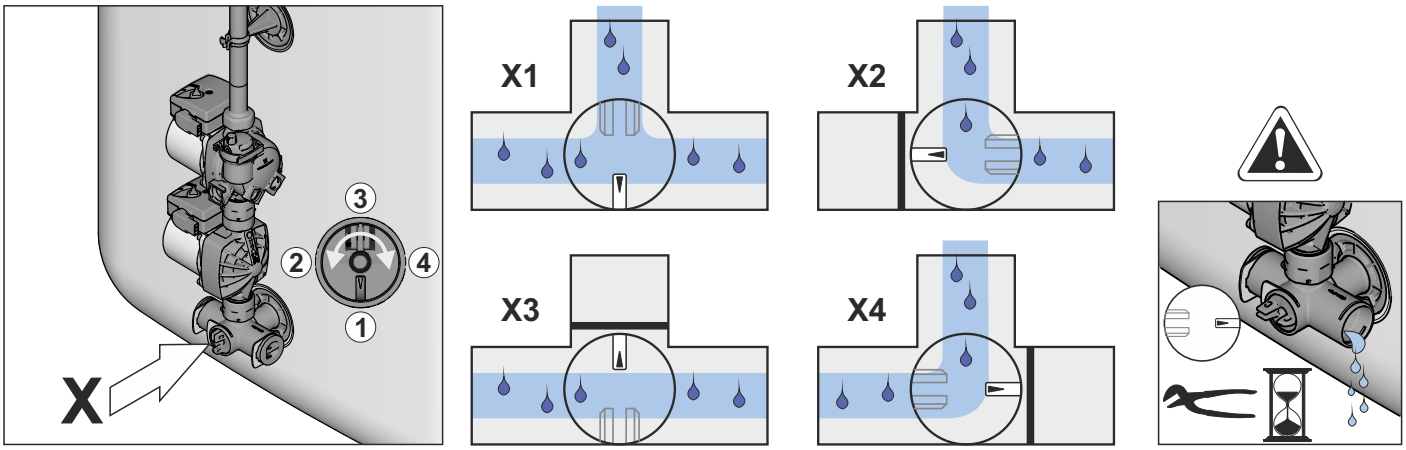


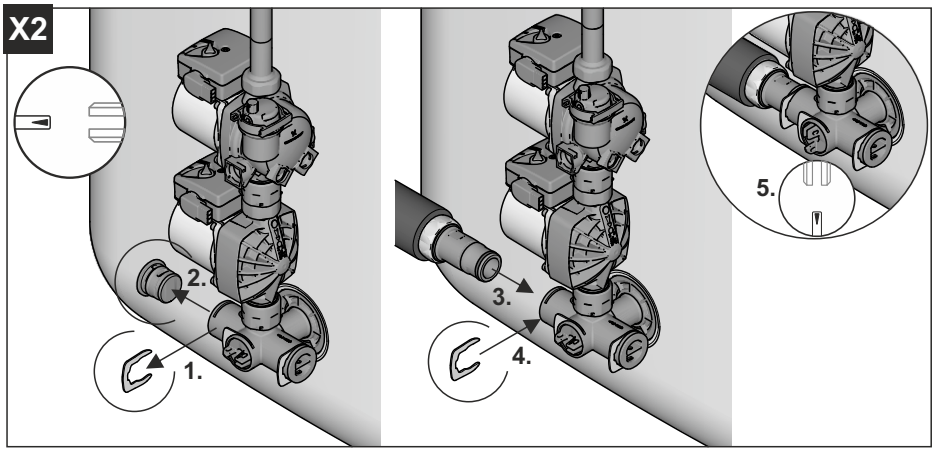


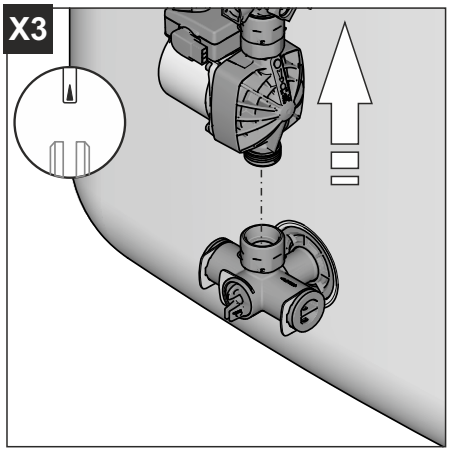


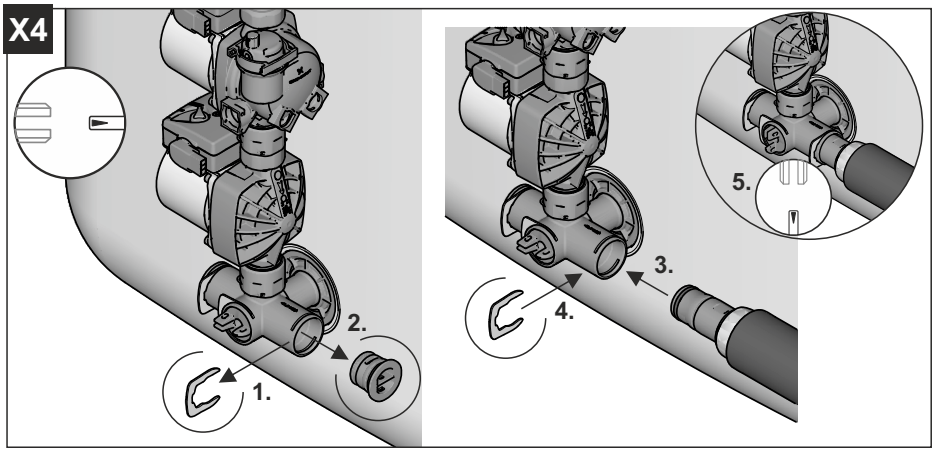


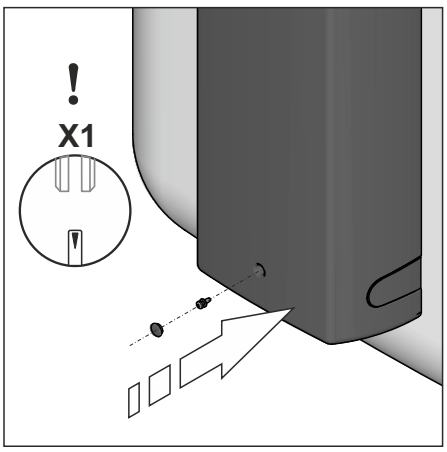

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Adapting the EKSRPS3 software because of optimised solar panel position for “Drain-Back” solar installations

For additional optimisation of frost protection for DAIKIN “Drain-Back” solar installations, in future the solar panel position will depend on the solar system being used. The temperature sensor position will, in future, be on the bottom of the solar panel. This has the great advantage that the potential snow loading cannot lead to freezing of the piping, because the solar system only switches on if the temperature in the bottom section of the panel is adequate for starting the system. The entire panel is thus also heated up in the lower section before the water from the storage tank is directed into the panels.
Above software version 4.2 of EKSRPS3 you have the facility of adjusting the position of the temperature sensor in the regulation system.
On page 5 of this supplementary instruction manual the process is described with a combination of EKSRPS3 (version 4.2) and the existing panel mounting (no rotation).
Page 6 refers to the combination with the new panel alignment (panel rotated).
In addition to the optimisation described above, an extended frost protection function has been implemented in the regulation system in order to provide improved frost protection in the winter during extremely frosty periods.

“New” Standard parameter settings, recommended setting ranges

Parameter	Designation	Access level	Setting range	Factory setting	Increment
AUTORESET	Automatic reset of the blocked pump output stages	Engineer	yes/no	no	—
Tkpos	Panel sensor position	Engineer	↑ / ↓	↑	—
T frost off	Threshold panel temperature to activate the pump block (frost protection)	—	Not adjustable	-5°C	—

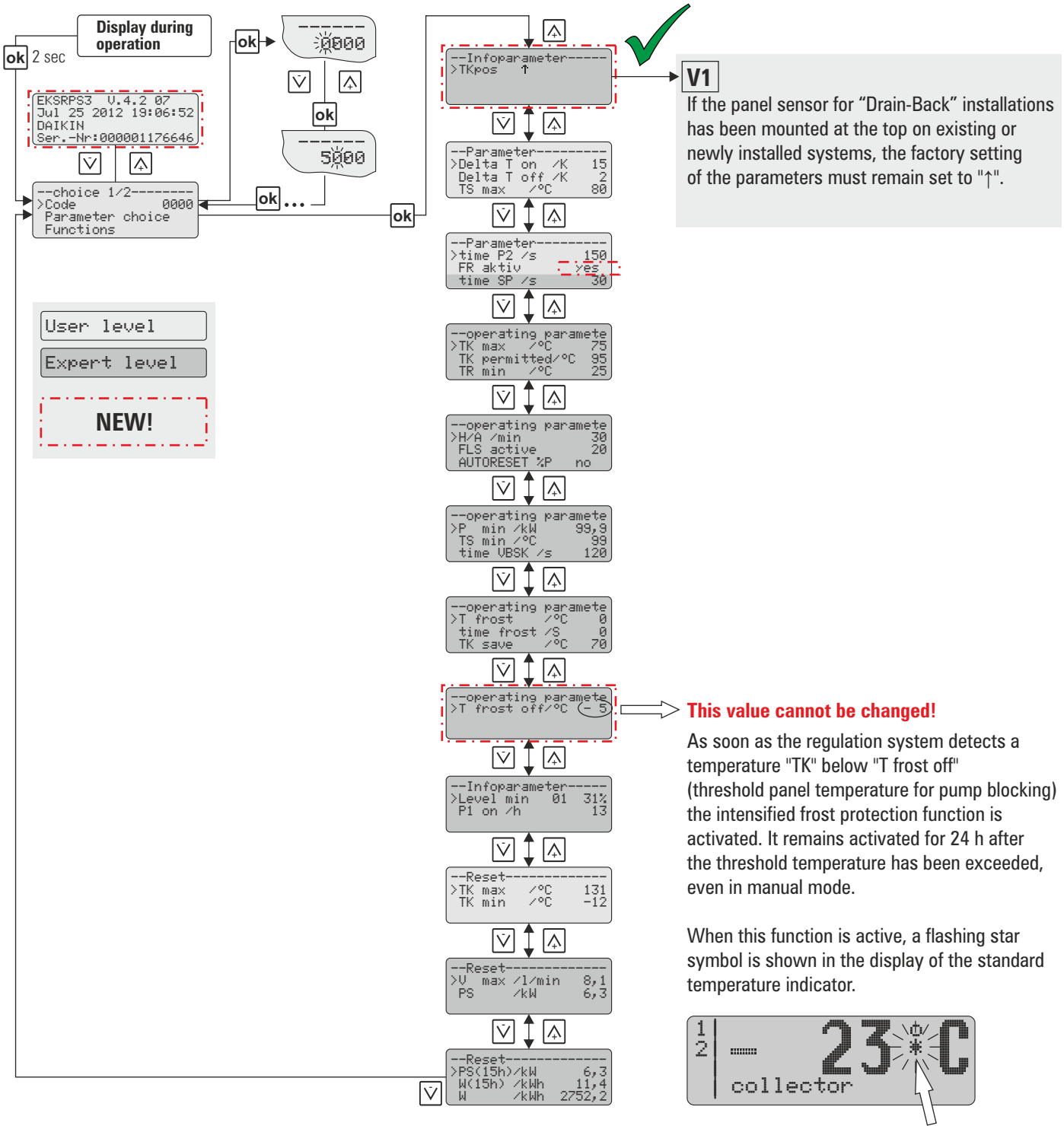


DAIKIN EKSRPS3
Equipment version above 4.2

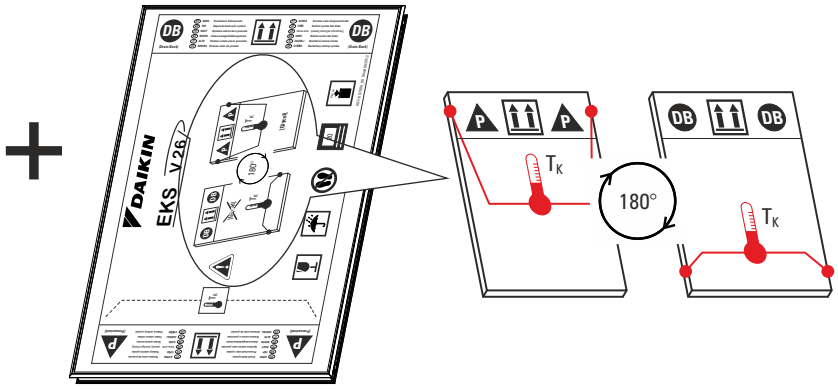


5 Control unit

Setting menu

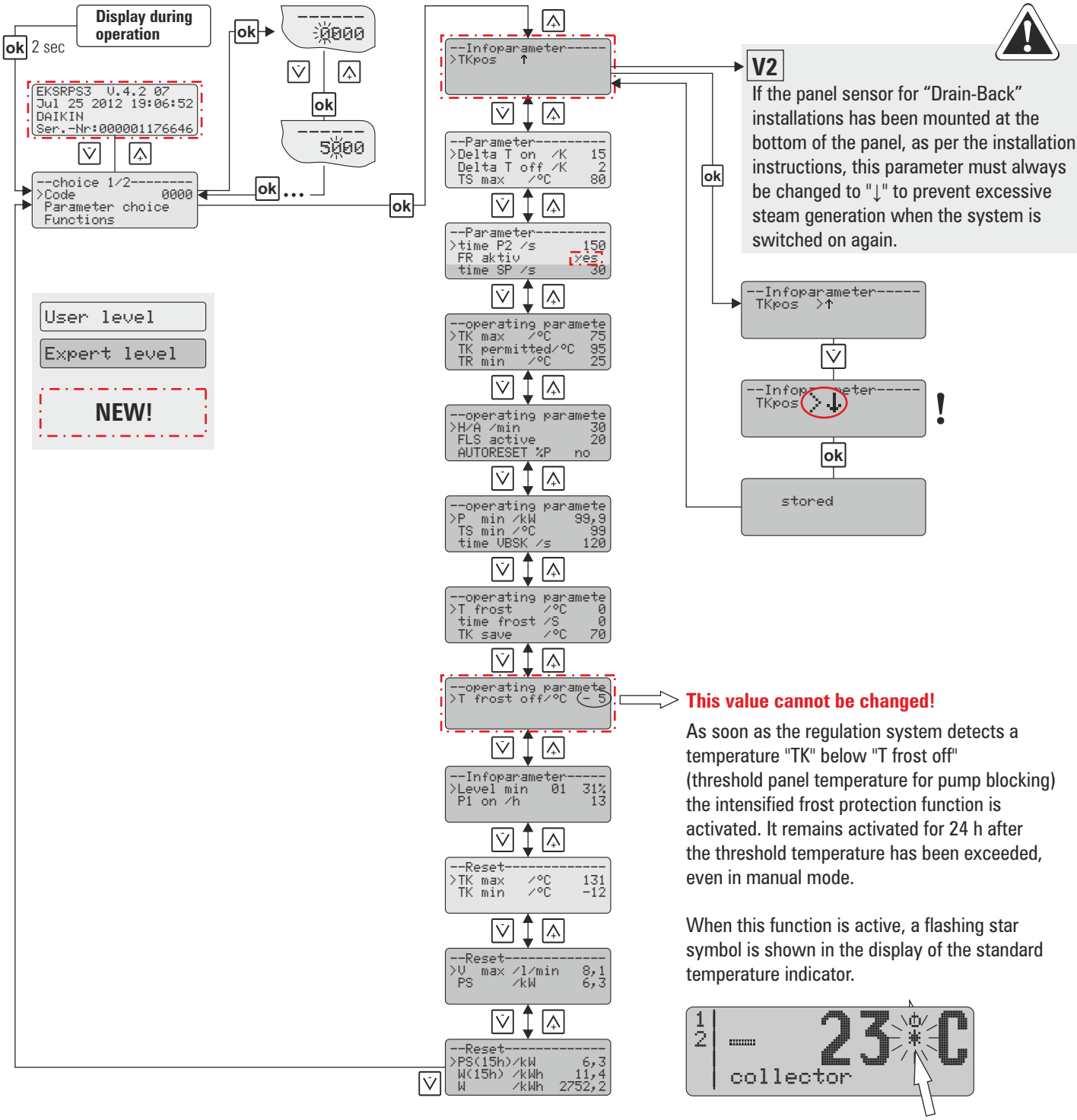






DAIKIN EKSRPS3
Equipment version above 4.2

5 Control unit
Setting menu



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