



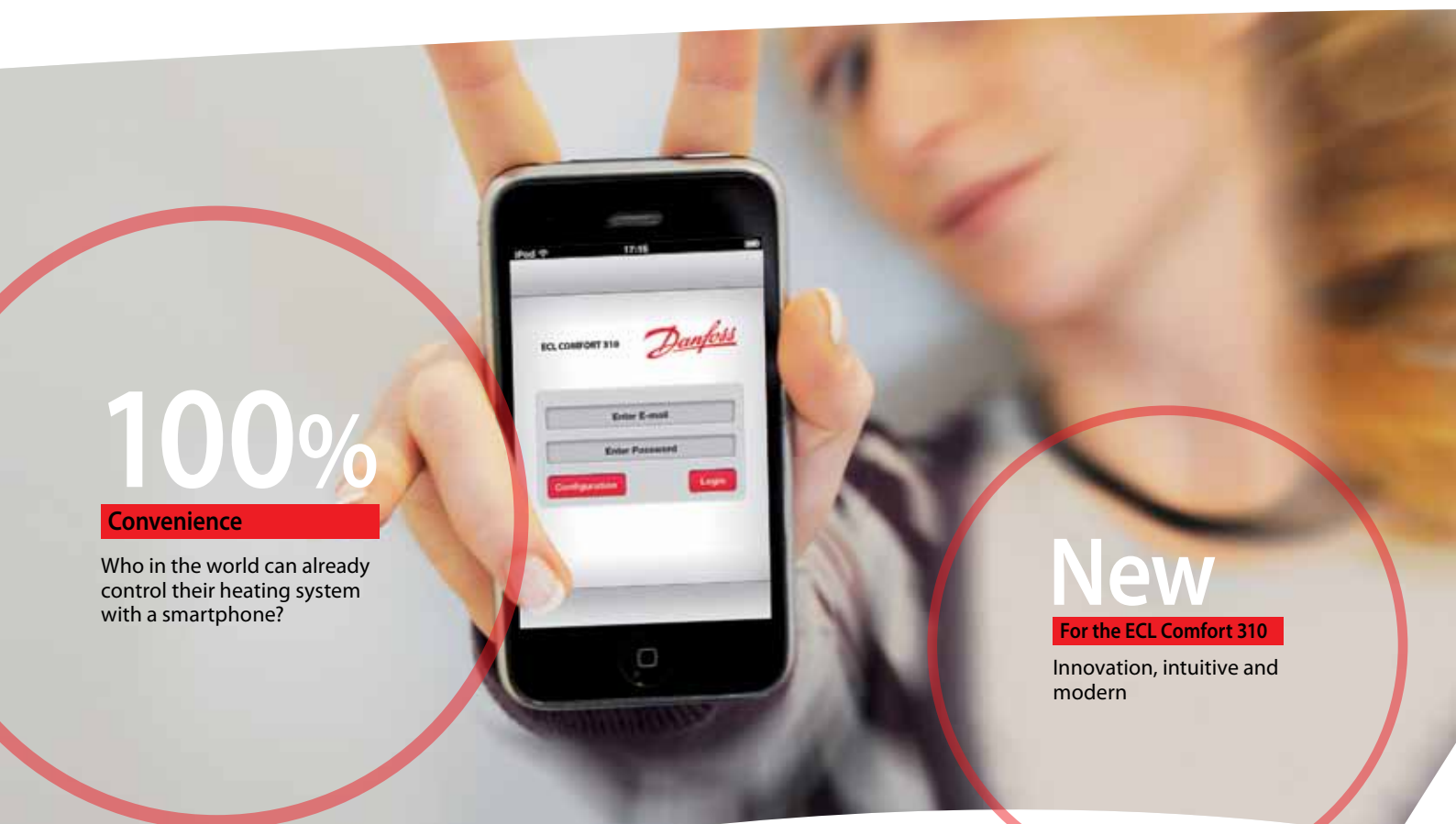
# Does your heating system already talk to your smartphone? **Teach it to!**

Smartphones can now do the most incredible things – but what about heating with a smartphone? Smartphone applications are already successfully used in numerous sectors and industries. Controlling applications with a smartphone is becoming a matter of course.

Danfoss has developed an app for controlling systems regulated by the ECL Comfort 310 controller. This enables heating systems or heating circuits to be controlled and monitored – from any where.

**Benefits at a glance:**

- Heating control made easy
- Not just environmentally friendly – innovative as well!
- Alarm function
- Time-saving
- Optimized energy costs
- Up-to-date data
- An alarm can be sent as an e-mail if values are exceeded
- Proven once again: district heating is the heat source of the future.



100%

**Convenience**

Who in the world can already control their heating system with a smartphone?

New

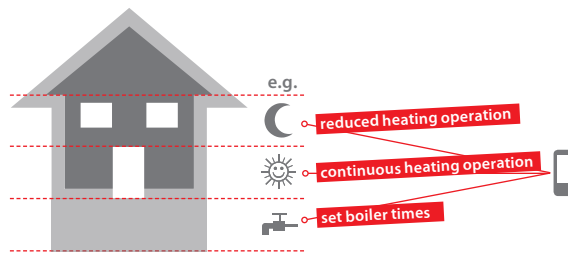
**For the ECL Comfort 310**

Innovation, intuitive and modern

**This is how it works:**

Using apps installed on the smart phone you access the Danfoss ECL Server via a mobile network. The server is the interface to the ECL Comfort 310 controller. As of immediately you can control and monitor both the entire heating system and individual heating circuits directly from your smartphone. Temperatures, operating modes and all kinds of time settings, such as heating times, boiler start times and holidays can also be intuitively changed.

The application also provides system data, such as current power (kW), temperatures, flow rate, inlet and outlet temperatures, heating circuit status, heat meter data, and much more.



The application is configured especially for the ECL Comfort 310 controller.



SONOMETER™ 1100



**Facts in brief:**  
*The most important functions at a glance (depending on the heating system in place):*

<b>How to use</b>	Login for all systems
	Overall operating mode or individual operating mode for each individual heating circuit
	Temperature setting for heating operation or reduced operation for each individual heating circuit
	For 3 heating periods for every week day for every individual heating circuit
	Heating monitoring
	Alarms setting

<b>Heat meter *</b>	Primary inlet temperature in °C
	Primary outlet temperature in °C
	Primary flow rate
	Primary power being used
	Heat meter status

<b>Sensor values</b>	Secondary inlet temperature in °C
	Secondary outlet temperature in °C
	External temperature in °C
	Individual heating circuits' inlet temperature in °C
	Hot water temperature in °C

<b>Controller values</b>	Controller limit (outlet temperature and/or power and flow rate limit)
	Inlet set point temperature of the individual heating circuits

\* e.g. when the heat meter, SONOMETER™ 1100, is connected with the ECL Comfort 310 controller

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