DANFOSS LIMITED IN THE NEWS

Release : RET2000-OT Launch
Publication : HVP
Issue : April 2019

PRODUCT UPDATE

THERMOSTAT OFFERS COMPLIANT COMFORT

Danfoss has extended its range of electronic room thermostats with the RET2000-OT.

This latest product provides modulating control of OpenTherm-equipped condensing gas boilers, and offers a simple way to comply with Boiler Plus. Fully compliant with the OpenTherm communications protocol, the RET2000-OT exchanges data with the boiler it controls, as opposed to basic on/off commands.

Modulating boiler output ensures closer, more accurate room temperature control, with less temperature fluctuation, to optimise efficiency and comfort. This also ensures that the flow temperature from the boiler is modulated to as low a level as the prevailing load permits. Compared to on/off thermostats, the RET2000-OT increases the proportion of boiler operating time spent in economic condensing mode.

As an ErP Class 5 modulating room thermostat, the Danfoss RET2000-OT provides an additional efficiency gain of 3%. With the installer in mind, Danfoss has designed the RET2000-OT with simple to install two-wire non-polarised low-voltage communications.

The RET2000-OT also offers an easy-to-read display that clearly shows its room temperature and output status.

www.heating.danfoss.co.uk

DANFOSS LIMITED IN THE NEWS

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OT control helps meet Boiler Plus

Offering a simple way to comply with Boiler Plus, the new RET2000-OT room thermostat from Danfoss provides modulating control of OpenTherm equipped condensing gas boilers. The control continually exchanges data with the boiler, as opposed to issuing basic on/off commands.

Modulating boiler output ensures closer, more accurate room temperature control, with less temperature fluctuation, to optimise boiler efficiency and end-user comfort. This control also ensures that the flow temperature from the boiler is modulated to as low a level as the prevailing load permits. Compared to simple on/off stats, the room thermostat is able to increase the proportion of boiler operating time spent in condensing mode.

As an ErP Class 5 modulating room thermostat, the Danfoss RET2000-OT provides an additional efficiency gain of 3%. Its OpenTherm link to the boiler offers faster response time than on/off counterparts, allowing even small changes in room temperature to be communicated to the boiler. Its microprocessor control provides accurate PI room temperature regulation and manages the bi-directional communication with the boiler.

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DANFOSS
RET2000-OT

Extending its range of electronic room thermostats, Danfoss has introduced the RET2000-OT. This latest development provides modulating control of OpenTherm equipped condensing gas boilers, as well as complying with Boiler Plus. Fully compliant with the OpenTherm communications protocol, the RET2000-OT exchanges data with the boiler it controls, as opposed to basic On/Off commands. Modulating boiler output ensures closer, more accurate room temperature control, with less temperature fluctuation, to optimise boiler efficiency and end-user comfort.

The room thermostat has a user-friendly interface which includes a display that shows the room temperature and output status of the thermostat. The backlit display is said to be ideal for those with poorer eyesight, or in locations that are dimly lit.

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