

Combination thermostats for room heating

Entso's combination thermostats have been specifically designed to respond quickly to changing needs. Heating can be controlled either solely by floor temperature or by both floor and room temperature. The speed and accuracy of underfloor heating depends on the structure: including slab thickness and flooring material.

The ECO16BT thermostat is used for controlling either underfloor or ceiling heating. Underfloor heating can be controlled based on:

- Floor
- Room
- Combination
- Power

In floor mode, the thermostat controls the heating according to the floor temperature. When the floor surface material is ceramic tile, the recommendation is to use a combination thermostat in floor mode.

In room mode, the thermostat controls the heating according to the room temperature and is used to control ceiling heating.

In combination mode, the thermostat uses room temperature to control the heating and accordingly restrict the floor sensor. The combination thermostat is the best solution for bedrooms and living rooms thanks to its fast and accurate response to temperature variations. It is also possible to set the *minimum and maximum values* for the floor surface temperature. The maximum level of restric-

tion protects sensitive flooring materials such as parquet and laminate from overheating and damage.

In power mode, the thermostat controls the heating according to the time period. For instance, the boost mode can be used in situations in which a defective floor sensor cannot be changed.

Combination thermostats

The new underfloor heating thermostat meet the Ecodesign requirements. New accurate thermostat (room 5 - 35 °C, floor 5 - 50 °C), can be controlled manually or with Entso Heat Control App (Android and iOS). The Entso Heat Control application enables calendar control, boost and holiday function, also monitoring of heating consumption. NTC-sensor 47 kohm with four metres of cable. Ambient temperature -20°C...+30°C. The thermostat has a two-pole switch.

Old product code Old GTIN	New product code New GTIN	Description	Rated voltage	Degree of protection	Power	Pkg./Pallet
ECOINTRO combination thermostats						
ECOINTRO16FRWW 6418677638749	ECO16BT-IN-WW 6438100339067	Combination thermostat Entso Intro, white	230 V	IP30	3600 W	12 540
ECOINTRO16FRSW 6418677638732	ECO16BT-IN-SW 6438100339050	Combination thermostat Entso Intro, black	230 V	IP30	3600 W	12 540
Jussi combination thermostats						
ECO16FRJ 6418677630804	ECO16BT-J 6438100339081	Combination thermostat 16 A, floor sensor, Jussi electrical fittings	230 V	IP30	3600 W	12 540
Elko combination thermostats						
ECO16FRE 6418677630811	ECO16BT-E 6438100339098	Combination thermostat 16 A, floor sensor, Elko electrical fittings	230 V	IP30	3600 W	12 540
Impressivo combination thermostats						
ECO16FRI-084 6418677638466	ECO16BT-IM-084 6438100339043	Combination thermostat 16 A, Impressivo, white	230 V	IP30	3600 W	12 540
ECO16FRI-083 6418677638459	ECO16BT-IM-083 6438100339036	Combination thermostat 16 A, Impressivo, aluminium	230 V	IP30	3600 W	12 540
ECO16FRI-081 6418677638442	ECO16BT-IM-081 6438100339029	Combination thermostat 16 A, Impressivo, anthracite	230 V	IP30	3600 W	12 540



ECO16BT-IN-SW



ECO16BT-J



ECO16BT-E



ECO16BT-IM-081

