

# Energy Related Product (ErP) Directive

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Nest Learning Thermostat meets the criteria of the following temperature control classes under the ErP Directive.

Model	Control Class	Definition of Temperature Control Class	Additional seasonal space heating energy efficiency gain
Nest Learning Thermostat <sup>*</sup> installed in an On/Off heating system	IV	TPI room thermostat, for use with on/off output heaters: An electronic room thermostat that controls both thermostat cycle rate and in-cycle on/off ratio of the heater proportional to room temperature. TPI control strategy reduces mean water temperature, improves room temperature control accuracy and enhances system efficiency.	+2%
Nest Learning Thermostat <sup>*</sup> installed in an OpenTherm heating system	VI	Weather compensator and room sensor, for use with modulating heaters: A heater flow temperature control that varies the flow temperature of water leaving the heater dependant upon prevailing outside temperature and selected weather compensation curve. A room temperature sensor monitors room temperature and adjusts the compensation curve parallel displacement to improve room comfort. Control is achieved by modulating the output of the heater.	+4%

\* Model A0001 thermostat used with model A0003 Heat Link