

Honeywell is seeking an original certification under FCC 15.247 for a family of wifi enabled thermostats under FCC ID:HS9-TH6220WF01 that operate in the 2.4GHz ISM band utilizing the popular 802.11b/g/n standard datarates and modulations. These thermostat are designed to control various HVAC equipment. While these thermostats are intended to be used in mostly residential applications, they can also be used in various light-commerical applications as well.

Varients under this filing include the following devices. All varients share the same RF block where the RF circuit and antenna and are electrically and mechnically identical. Differences include: the type of LCD, the type of touch panel, the color of the plastics, and the population of relays/ to control HVAC equipment stages.

					
Commercial name	Lyric T6 PRO Wi-Fi Thermostat	Lyric T6 PRO Wi-Fi Thermostat	Lyric T5 Wi-Fi Thermostat	Lyric T5 Wi-Fi Thermostat	Lyric T5 Wi-Fi Thermostat
OS	TH6220WF2006	TH6320WF2003	RCHT8610WF2006	RCHT8610WF2014	RCHT8610WF3005
Stages (HP)	2H/1C	3H/2C	3H/2C		
Stages (Convention)	2H/2C	2H/2C	2H/2C		
LCD	FSTN		PMVA (inverse)		
Touchpad	Resistive Touch Panel		Capacitive Touch Panel		
Color (case-front / case-back)	white / white	white / white	grey / black		silver / black