

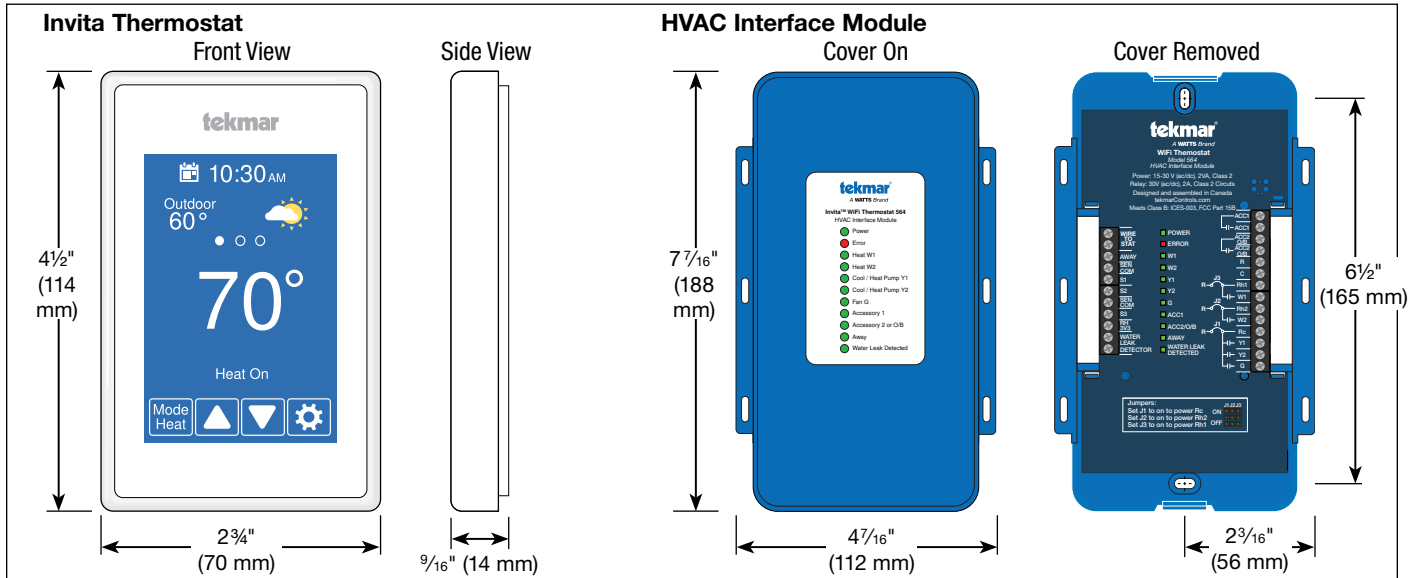
Submittal

Job _____ Designer _____ Contact _____

Invita® Wi-Fi Thermostat 564



Smart thermostat upgrades and furnace to heat pump conversions have never been simpler with the Invita® Wi-Fi Thermostat 564. Using just the existing 2 wires from any living space, the Invita easily connects to an HVAC Interface Module in the mechanical room. It works with most types of heating and cooling systems, including conventional, heat pump, and dual fuel, and offers built-in fan, relative humidity, and ventilation control. The Watts(R) Home mobile app provides real-time remote monitoring, setting adjustments, and notifications if issues arise with the HVAC system. No more pulling new wires, no more patching and repainting walls, and no more changing batteries. Just an easy-to-use, energy-efficient comfort for the entire family backed by the Energy Star Mark.



Specifications

Call customer service if you need assistance with technical details.

Invita Wi-Fi Thermostat 564 The Wi-Fi thermostat that only uses two wires.	
Literature	Submittal, Installation and Operation Manual, User Manual, Job Record, Watts® Home Manual
Packaged weight	1.3 lb. (600 g)
Dimensions	Display: 4 1/2" H x 2 3/4" W x 9/16" D (114 x 70 x 14 mm) HVAC Interface Module: 7 7/16" H x 4 7/16" W x 1 1/4" D (188 x 112 x 31 mm)
Display	3.5" color touchscreen
Enclosure	Display: White PVC plastic, NEMA type 1 HVAC Interface Module: Blue PVC plastic, NEMA type 1
Approvals	Meets Class B: ICES & FCC Part 15, Energy Star
Ambient conditions	Display: -4 to 122°F (-20 to 50°C), RH ≤90% non-condensing HVAC Interface Module: -40 to 122°F (-40 to 50°C), RH ≤90% non-condensing, outdoor use requires mounting in a NEMA 3 enclosure
Environmental	Do not use in presence of ammonia such as animal barns
Power supply	21 to 30 V (ac), 6 VA, Class 2
Relays	30 V (ac), 2 A, Class 2 Circuits
Humidity sensor	0 to 90% ±4% RH
Temperature sensor	NTC thermistor, 10 kΩ @ 77°F (25°C ±0.2°C) β=3892
Optional sensors	tekmar type # 070, 072, 073, 076, 077, 079, 084, 086, 087
Communications	Wi-Fi 802.11n, 2.4 GHz, WPA2 encryption
Mobile app	Apple iOS 12 or higher, Android 10 or higher
Languages	English/Français/Español
Warranty	3 Year Limited Warranty

tekmar product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact tekmar Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on tekmar products previously or subsequently sold.

Works with

Conventional systems

- 2-stage heating, 2-stage cooling, fan and 2 accessories

Heat pump and dual fuel systems

- 4-stage heating, 2-stage cooling, fan, reversing valve and 1 accessory

Accessory options

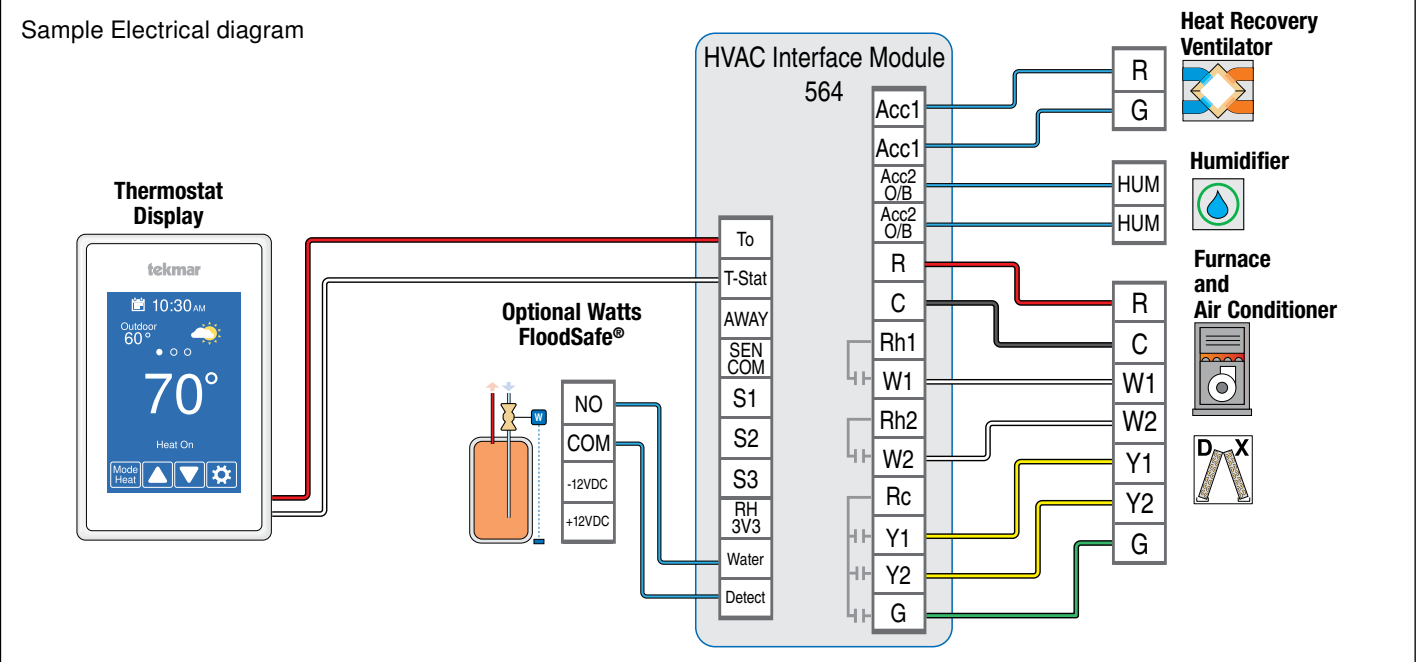
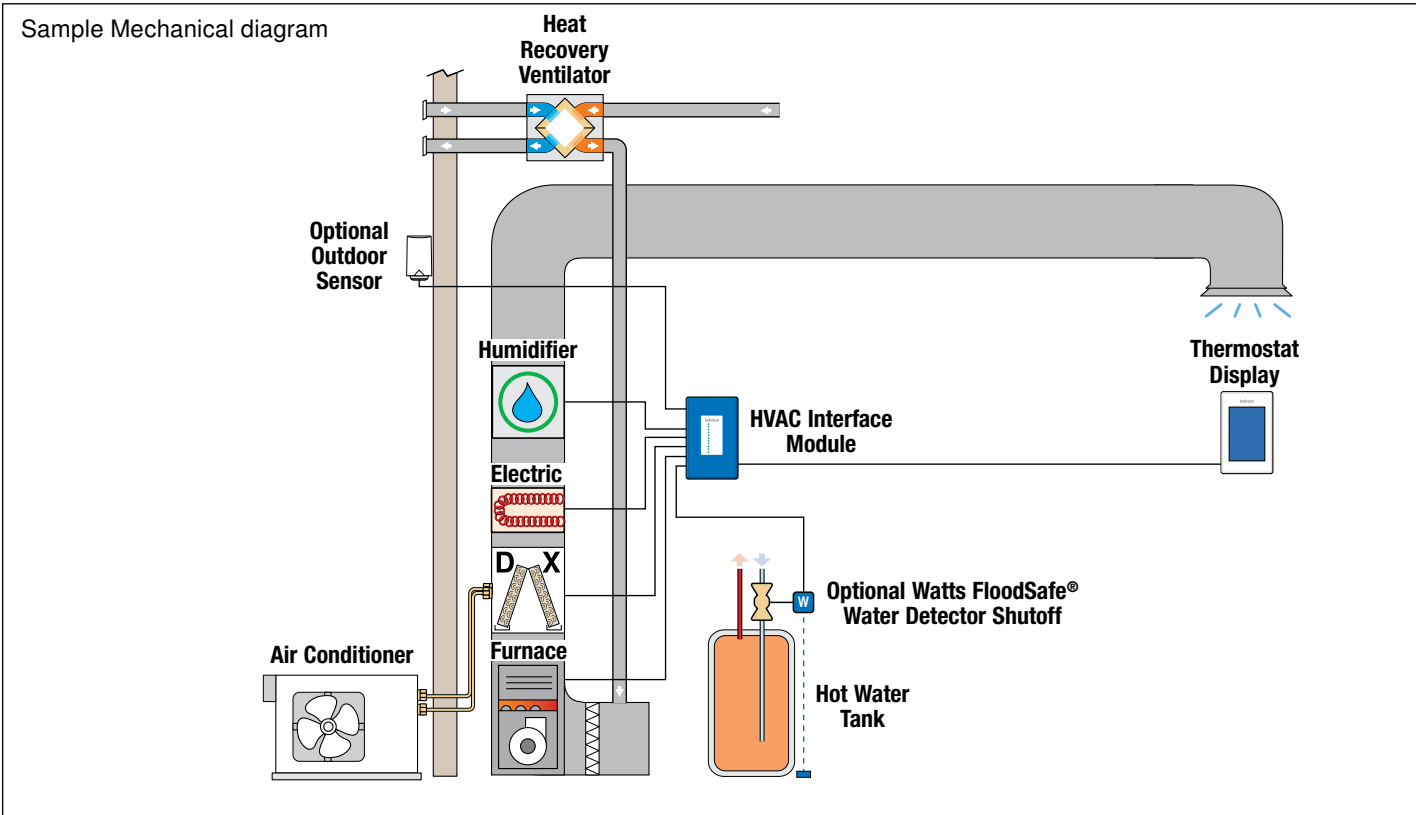
- Humidifier, dehumidifier, HRV/ERV ventilator

Features

- Mobile app for iOS and Android
- Email notifications with option for alerts from Watts® FloodSafe® Water Detector Shutoff
- Weather and outdoor temperature display
- Programmable schedule with early start
- Relative humidity
- Ventilation
- Away energy saving mode
- 3 auxiliary sensor inputs
- Multiple display colors
- Slim, 9/16" profile
- Wall trim plate included
- Voice Control compatibility with Amazon® Alexa and Google® Home
- Energy Star Certified

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Example Application



NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.



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