

# Submittal

Job \_\_\_\_\_ Designer \_\_\_\_\_ Contact \_\_\_\_\_

## Thermostat 565

The Thermostat 565 makes upgrading easy by using the existing 2-wires from any living space to connect 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 while offering fan, relative humidity and ventilation control. The Thermostat offers a choice of five display screen color themes.

### Works with

Conventional systems

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

Heat pump & dual fuel systems:

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

Accessory options:

- Humidifier, dehumidifier, HRV/ERV ventilator

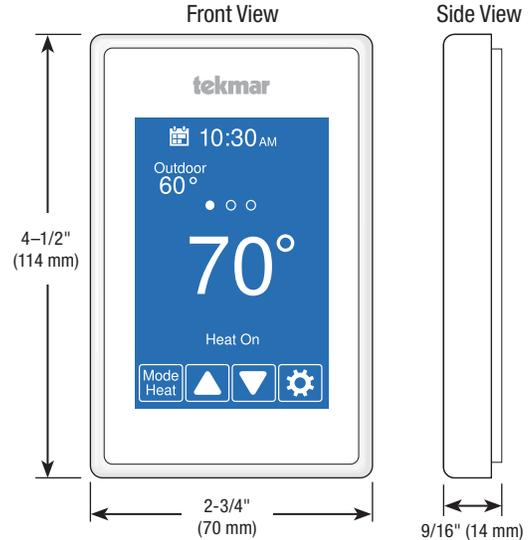
### Features

- Screen notifications alerts from Watts FloodSafe® Water Detector Shutoff
- Outdoor temperature display
- Programmable schedule with early start
- Energy usage reports
- Relative humidity
- Ventilation
- Away energy saving mode
- 3 auxiliary sensor inputs
- White finish
- Multiple display colors
- Slim, 9/16" profile
- Wall trim plate included

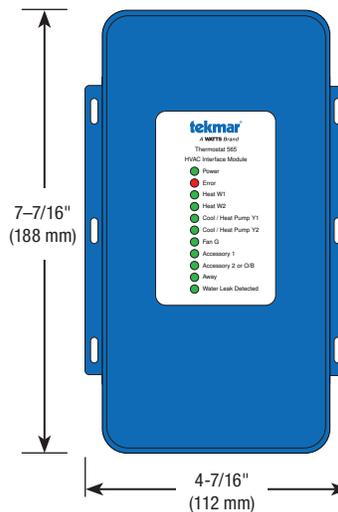
### Specifications

THERMOSTAT 565	
Literature	ES-T-565, IOM-T-565, UserManual-T-565, JobRecord-T-565
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
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	30V (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
Languages	English/Français/Español
Warranty	3 Year Limited Warranty

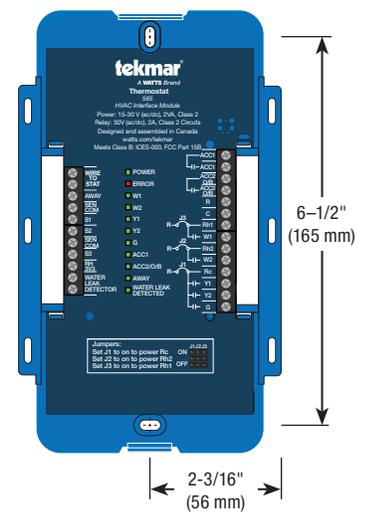
Thermostat 565



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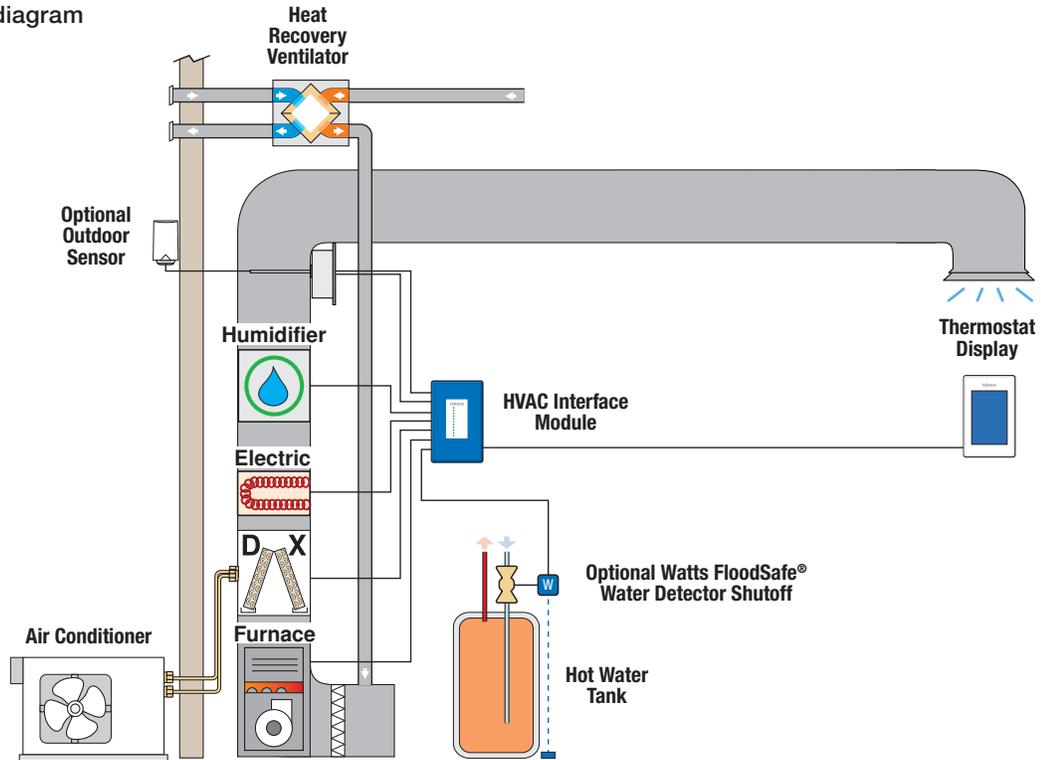
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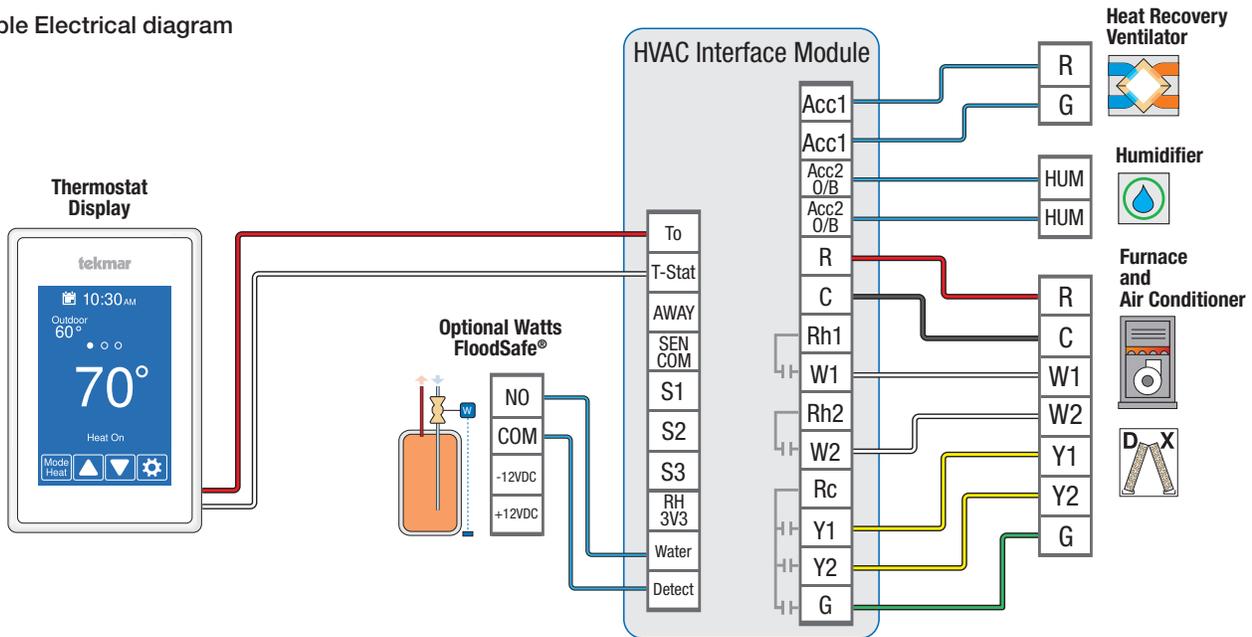
tekmar product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact tekmar Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior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

# Example Application

## Sample Mechanical diagram



## Sample Electrical diagram



### CAUTION

This Submittal is not intended to provide full installation instructions and safety information. In order to avoid property damage or injury, please refer to the complete installation manual and product safety information provided with the product.



A WATTS Brand

All specifications are subject to change without notice.

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