

### LOADMATCH<sup>®</sup> Thermostats

Taco LoadMatch<sup>®</sup> thermostats offer exceptional temperature control of heat pump or fan coil LoadMatch<sup>®</sup> systems. Taco LoadMatch<sup>®</sup> thermostats are pre-programmed to suit LoadMatch<sup>®</sup> applications with little or no additional configuration. All thermostats are available in BACnet, Echelon-Lontalk and non-communicating versions. Fan coil models can be ordered with relative humidity (RH) sensors to provide local dehumidification with reheat capability for the ultimate in comfort and efficiency. Peripheral items and auxiliary relays are eliminated by packaging most required peripheral controls into one easy install wall thermostat.



Taco LoadMatch<sup>®</sup>.  
Real world hydronic  
system technology for  
Green Building design.



# Submittal Data Information LoadMatch® Thermostats

Submittal Data # 101-126

Supersedes: 05/16/07

Effective: 12/20/11

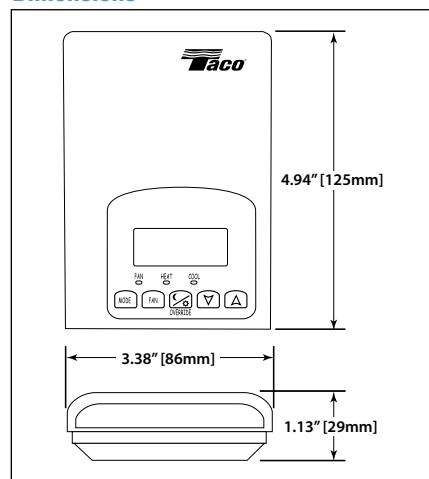
## Features

LoadMatch® ready  
All-in-one control  
Pre-programmed  
Familiar thermostat aesthetics & interface  
Stand alone and network versions  
Large backlit display with clear function buttons  
Hinged design with removable terminal blocks for easy installation

## Specifications

Power requirements: 19-30 VAC, 50/60 Hz  
Resolution:  $\pm 0.2^{\circ}\text{F}$  ( $\pm 0.1^{\circ}\text{C}$ )  
Control accuracy:  $\pm 0.9^{\circ}\text{F}$  ( $\pm 0.5^{\circ}\text{C}$ )@21°C  
Contact output rating: 30 VAC, 1A, 3A in-rush  
Wire gauge: 18AWG — 24AWG  
Ship weight: 0.75 lb. (0.34 kg)

## Dimensions



## Agency Approvals/Standards



FCC Class  
A Device



## LoadMatch® Thermostats for Fan Coil Applications

| MODEL        | PROTOCOL    | OUTPUT#1                | OUTPUT#2                | TARGET MARKET          |
|--------------|-------------|-------------------------|-------------------------|------------------------|
| VT7350C5021  | Stand-Alone | On-Off /<br>3P-Floating | On-Off /<br>3P-Floating | Fan Coil Commercial    |
| VT7355C5021  |             |                         |                         | Fan Coil Hotel/Lodging |
| VT7350F5021  |             | 0-10Vdc                 | 0-10Vdc                 | Fan Coil Commercial    |
| VT7355F5021  |             |                         |                         | Fan Coil Hotel/Lodging |
| VT7350C5021B | BACnet      | On-Off /<br>3P-Floating | On-Off /<br>3P-Floating | Fan Coil Commercial    |
| VT7355C5021B |             |                         |                         | Fan Coil Hotel/Lodging |
| VT7350F5021B |             | 0-10Vdc                 | 0-10Vdc                 | Fan Coil Commercial    |
| VT7355F5021B |             |                         |                         | Fan Coil Hotel/Lodging |
| VT7350C5021E | ECHELON     | On-Off /<br>3P-Floating | On-Off /<br>3P-Floating | Fan Coil Commercial    |
| VT7355C5021E |             |                         |                         | Fan Coil Hotel/Lodging |
| VT7350F5021E |             | 0-10Vdc                 | 0-10Vdc                 | Fan Coil Commercial    |
| VT7355F5021E |             |                         |                         | Fan Coil Hotel/Lodging |

All thermostats for Fan Coil applications include Reheat Output, 3-2-1 Speed Fan Control and % RH Control features.

## LoadMatch® Thermostats for Heat Pump Applications

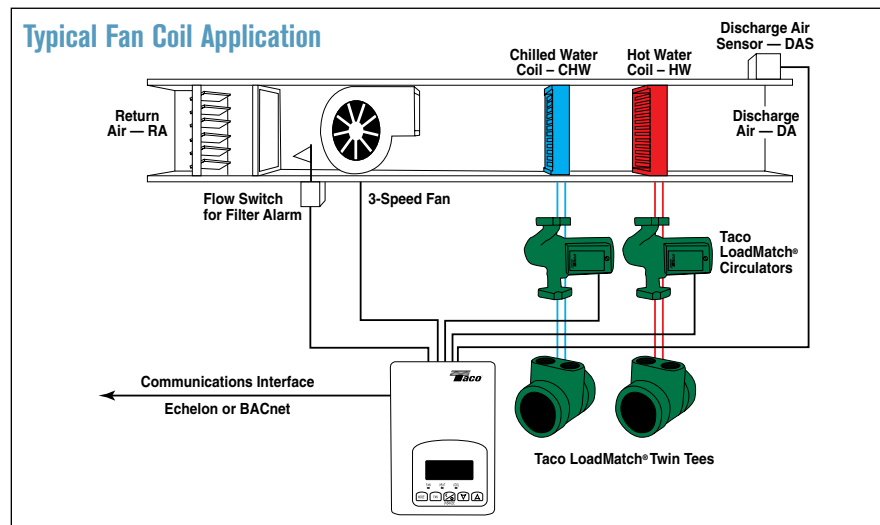
| MODEL        | PROTOCOL    | STAGES | SCHEDULING | HEAT PUMP<br>THERMOSTAT DESCRIPTION |
|--------------|-------------|--------|------------|-------------------------------------|
| VT7600H5021  | Stand-Alone | 3H/2C  | NO         | Non-Programmable                    |
| VT7652H5021  |             |        | YES        | 7 days Programmable                 |
| VT7652H5021B | BACnet      |        |            | 7 days Programmable BACnet          |
| VT7652H5021E | ECHELON     |        |            | 7 days Programmable LON             |

## Accessories

| MODEL              | DESCRIPTION                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------|
| S1010E5021*        | Strap-on changeover sensor 10K type 2                                                         |
| S3010W5021*        | Average remote room sensor with 3 thermistors and 2 dip switches                              |
| S3020W5021*        | Average remote room sensor with 3 thermistors, 2 dip switches, override key and occupancy LED |
| COV-PIR-FCU-C-5021 | Passive infrared cover retrofit for 5021 with connector Commercial interface                  |
| COV-PIR-FCU-L-5021 | Passive infrared cover retrofit for 5021 with connector Lodging interface                     |

\*Part Number Modified

## Typical Fan Coil Application



Taco Inc., 1160 Cranston Street, Cranston, RI 02920 / (401) 942-8000 / Fax (401) 942-2360  
Taco (Canada) Ltd., 8450 Lawson Road, Unit #3, Milton, Ontario L9T 0J8 / (905) 564-9422 / Fax (905) 564-9436  
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