

# TB8220U Commercial VisionPRO™ Programmable Thermostat

## INSTALLATION INSTRUCTIONS

### APPLICATION

The TB8220U Programmable Thermostat provides electronic control of 24 Vac heating and cooling systems. See Table 1 for a description.

**Table 1. TB8220U Thermostat Description.**

Feature	Description
Powering Methods	<ul style="list-style-type: none"> <li>• Battery only</li> <li>• Direct connection to a 24 Vac transformer only</li> <li>• Direct connection to a 24 Vac transformer with battery backup</li> </ul>
System Types	<ul style="list-style-type: none"> <li>• Conventional (up to 2 Heat, 2 Cool stages)</li> <li>• Heat Pump (up to 3 Heat, 2 Cool stages)</li> </ul>
Changeover	Manual or automatic changeover (selectable)
System Setting	Heat-Off-Cool-Auto
Fan Setting	Auto-On



### MERCURY NOTICE

If this control is replacing a control that contains mercury in a sealed tube, do not place your old control in the trash. Dispose of properly.

Contact your local waste management authority for instructions regarding recycling and the proper disposal of an old control.

3. Installer must be a trained, experienced service technician.
4. After installation is complete, check out product operation as provided in these instructions.



### CAUTION

**Electrical Shock or Equipment Damage Hazard.**  
Can shock individuals or short equipment circuitry.  
Disconnect power supply before installation.

### INSTALLATION

#### When Installing this Product...

1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check ratings given in instructions and on the product to ensure the product is suitable for your application.

#### Select Thermostat Location

Select a location for the thermostat about 5 ft (1.5m) above the floor in an area with good air circulation at average temperature. See Fig. 1.



# Tb8220u Thermostat User Manual

**Christian Drosten**



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