DAIKIN
AIR INTELLIGENCE

Introduction to the BACnet™ thermostat for Light Commercial Products

Daikin North America LLC is pleased to provide a *BACnet* compatible thermostat. The thermostats are a field-installed option used with Light Commercial systems – packaged and split rooftop units (RTUs) and heat pumps. The *AppStat* thermostats provide built-in control sequences and a *BACnet* MS/TP connection to integrate with a Building Management System (BMS).

Features

» Stand-alone operation with built-in control programs and configurations

  – Basic controls: set-points, fan, occupancy, mode
  – Schedule: entire week/weekdays/weekend/ individual days, holidays, set-point hold
  – System control: specific control sequence for RTUs and Heat Pump units

» Bright, full-color LCD display with five buttons for full configuration

» Native *BACnet* application specific controller

  – Time synchronization
  – *BACnet* MS/TP connection

» Two level passwords to secure user access and service access

» Easy wiring and installation with two-piece mechanical design

Compatibility

Two Daikin branded AppStat™ thermostats are available – one for rooftop units and the other one for split system heat pumps. The following table provides the compatibility information for both.

AppStat Name	AppStat Part Number	System Type	Model Numbers	Functions
AppStat RTU 2H/2C Econ	250803400	Packaged Air Conditioner, Packaged Gas/Electric, Split Air Conditioner	DTC, DSC, DCC, DP14CM, DTG, DSG, DCG, DP14GM, DX13SA, DX11TA	» One or two stage heating » One or two stage cooling » Automatic or manual fan control
AppStat HPU 3H/2C Econ	250803600	Packaged Heat pump, Split Heat Pump	DTH, DSH, DCH, DP14HM, DZ14SA, DZ11TA	» Two stage cooling and one stage heating and one stage aux heating (optional) » Automatic or manual fan control

OPERATING MODE OVERVIEW

Icon	Description
	The **FAN** icon rotates when the system fan is operational. In systems with multi-speed fans the icon rotation is the same regardless of speed. When fan operation is set to automatic, the word "Auto" is placed under the icon.
	Occupied – Occupancy is set to occupied by the schedule maintained in the controller or through the network.
	Unoccupied – Occupancy is set to unoccupied by the schedule maintained in the controller or through the network.
	Override – A user has entered temperature set-points that override the unoccupied set-points.
	Cooling – The system will cool the space until the cooling set-point is reached. The icon is in motion when cooling is taking place.
	Heating – The system will heat the space until the heating set-point is reached. The icon is in motion when heating is taking place.
OFF	System is **OFF.**

To learn more about BACnet™ Thermostats, contact your local Sales Representative or visit www.daikincity.com or www.daikinac.com