

# Programmable Deluxe Thermostat

B67-NX Series

F or Multistage Cool/Heat AC System with a Heat Pump

CE Approval



Indoor Air Quality

Beltéri Levegőminőség Kft.

www.iaq.hu

## Features

- ① Deluxe design for control multistage AC system with a heat pump. It can control up to 2 stages cooling /3 stages heating with aux. heater.
- ① Easy to use and provides you with a more comfortable and convenient living environment.
- ① Program a week 7 days up to four time periods and temperature set points each day to complement your lifestyle and makes your room ambience comfortable.
- ① Programs are permanently held in non-volatile memory in the event of a power failure.
- ① Attractive turn-cover design, most frequently used keys are located on the LCD for quick and easy access to information. Program keys are located on the interior to eliminate accidental setting changes.
- ① Large LCD display with many messages for quick and easy readability and operation. Such as measurement and setting temperature, fan and compressor work status, clock and program etc.
- ① Automatic compressor short cycle protection extends the life of the major equipment
- ① Auto or manual fan operation.
- ① Adjusted 1st and 2nd stage temperature differential maintains optimal customer comfort.
- ① Auto or manual heat/cool changeover.
- ① Constant temperature allows continuous override the program
- ① Temporary temperature override
- ① Temperature either °F or °C display
- ① Unique lockable function makes all keys locked to eliminate accidental operation.
- ① Low temperature protection
- ① Infrared remote control optional
- ① Backlight of LCD optional
- ① RS485 Communication interface optional
- ① Infrared remote control optional

## Buttons and LCD



## Specifications

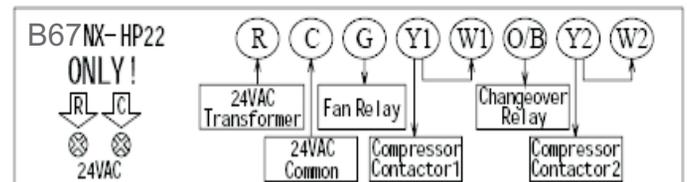
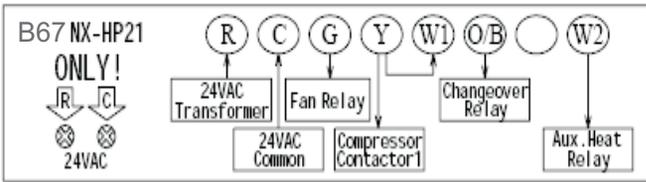
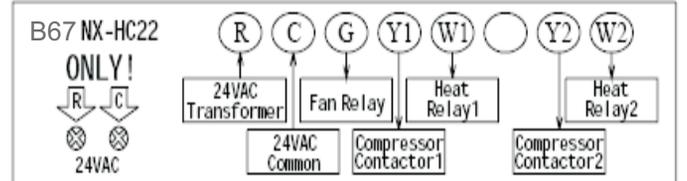
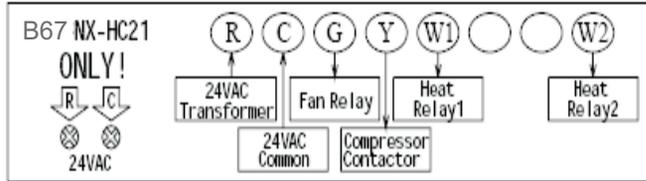
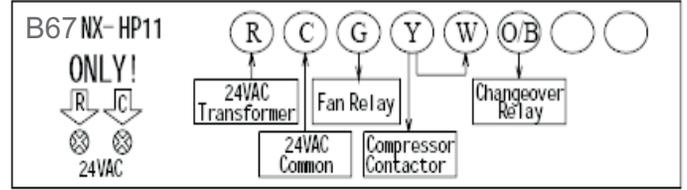
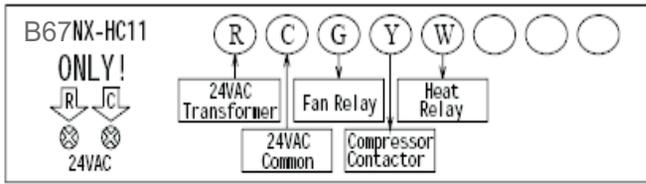
Power supply	24 Volt AC±20% 50/60HZ
Power consume	1W

Electrical rating	1 amp maximum load per terminal
Sensor	NTC 5K @25°C
Temperature degree	Celsius or Fahrenheit
Temperature control range (for heat/ cool)	5~35°C (41~95°F)
Accuracy	±0.5°C (±1°F)
Temperature differential	Two temperature differentials setting for each cooling/heating stage
Stages	Up to 2 stages cooling/ 3 stages heating
Programmability	Program 7 days up to four time periods and temperature set points for each day
Cool/heat Changeover	Auto changeover or Manual switch selectable by end users
Keys	On the surface: power/ increase/ decrease key Inside: for programming keys
Net weight	300g
Dimensions	110mm(L)×90mm(W)×25mm(H)
Mounting standard	Mounting on the wall, 2"×4" or 65mm×65mm box
Housing	PC/ABS plastic material with IP30 protection class
Approval	CE

## Model

MODEL	DESCRIPTION
B67NX -HP11	For one stage heating/ one stage cooling with a heat pump, It also can be used as: B67NX-HC11 (one stage heating/ one stage cooling) B67NX-HC10 (one stage heating only) B67NX-HC01 (one stage cooling only)
B67NXC-HP11	B67NX -HP11 with RS485 communication interface
B67NX-HP22	For two stages heating/ two stages cooling with a heat pump. It also can be used as: B67NX-HC22 (two stages heating/ two stages cooling) B67NX-HC12 (one stage heating/two stages cooling) B67NX-HC21 (two stages heating/one stage cooling)
B67NXC-HP22	B67NX-HP22 with RS485 communication interface
OPTIONS	
Backlight LCD -EL	Blue backlight of LCD
Remote Control-R	Infrared receiver (works with the handheld remote controller)

## Wiring Diagrams



## Mounting

