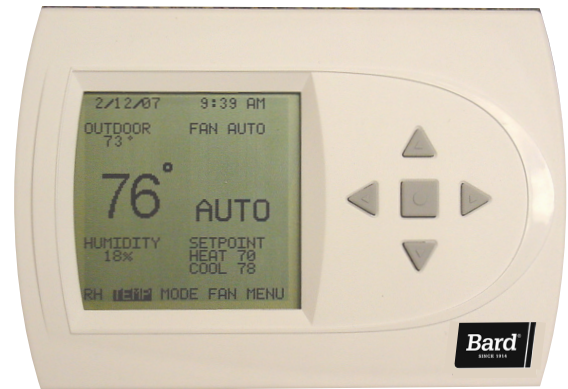




Climate Control Solutions

8403-060 Temperature & Humidity Control



Features:

- Programmable (7-day or 5+2) or non-programmable
- Programmable events per day: Residential 2 or 4, Business 2
- No batteries, when in programmable configuration retains date/time settings for 8 hours during power loss
- All settings except time maintained permanently in non-volatile memory until changed by user
- Simple 5-Button user interface
- Auto or manual changeover option
- Heat/Cool or Heat Pump
- 1 or 2-stage compressors
- Up to 3-stage Cool/3-stage Heat
- Fan Operation: Auto/On/Programmed (Programmed is On during Occupied, Auto during Un-Occupied)
- Temperature Set Point Range 50-99° F (10-37° C), selectable temperature range—maximum heat and minimum cool
- Operating temperature is 32°F to 104°F (0°C to 40°C)
- Storage temperature is -40°F to 135°F (-40°C to 57°C)
- Vacation or Permanent Hold function
- Humidity control, built-in dehumidistat (when configured for non-economizer), Range 45-95%, requires special HVAC system with dehumidification circuit, control can be set for Occupied Only or Full Time operation
- Can display space humidity whether actively controlling it or not
- Dedicated ventilation output
- Menu driven display for ease of use
- Outdoor sensor option, Bard PN 8403-061, can be used to:
 - o Limit minimum outdoor temperature for cooling operation
 - o Limit minimum outdoor temperature for heat pump operation
 - o Inhibit electric heat operation for heat pumps above selected outdoor temperature
- Remote indoor sensor option, Bard PN 8403-062, can be used to:
 - o Use remote indoor sensor only
 - o Average remote indoor sensor and on-board sensor
- Service information tracking—cumulative run time or calendar time
 - o Air filter, humidifier, UV lamp, air cleaner
- Test mode screen—manual operation of all outputs without having to raise/lower setpoints
- Service Information screen:
 - o Input status
 - o Temperature status
 - o System status
- Security Lockout options:
 - o Temperature adjust only
 - o Adjust temperature and mode only
 - o Total keypad lockout
- Backlight options: 30, 60, 90, 120 seconds or Continuous
- Size: 6.25L x 4.25H x 1.25D (inches)
- Terminals for HVAC: C, R, G, D/Y0, Y1, Y2, W1/E, W2, O/B, A, L
- Terminals for Optional Sensors (10K-ohm):
 - o Outdoor – GND, OD; Remote Indoor – GND, ID
- Horizontal mount
- Off-white color