BEL-3388R WIRELESS TEMPERATURE CONTROLLER

USER MANUAL

◆ **GENERAL CHARACTERISTICS**
- Weekly and daily programmable.
- 4-time/4 temp.for each day.
- Manual override for HR and DAY
- Hold function
- Filter function
- Portable transmitter
- Battery operates for the thermostat sensor unit.
- EL back light
- Power: 24vac
- Terminal: W, B, Y, O, G, COM. 24VAC
- Contact rating: 1A 24VAC MAX

◆ **TIME SETTING**
1) Press " 🕐 " key once, day indicator flashing.
2) Press "+"or "-" key to adjust the days.
3) Press " 🕐 " key again, hour indicator flashing.
4) Press "+"or "-" key to adjust the hours.
5) Press " 🕐 " key again, minute indicator will flashing.
6) Press "+"or "-" key to adjust the minutes.
7) Press "P/S" key to confirm.

◆ **PROGRAM SETTING**
1) a) Press "P/S" key once, "PROGRAM" and "WAKE" displayed, the weekday flashing.
   b) Press "+"or "-" key to choose the day or days need to be program.
2) a) Press "P/S" key once, the time displayed.
   b) Press "+"or "-" key to set the wake time of the program.
   c) Press "T/H" key, the temperature flashing.
   d) Press "+"or "-" key to set the wake temperature.
3) a) Press "P/S" key again, "leave" indicator displayed, time flashing.
   b) Press "+"or "-" key to set the leave time of the program.
   c) Press "T/H" key, the temperature flashing.
   d) Press "+"or "-" key to set the leave temperature.
4) Repeat the operation as 2) and 3) to set "return" and "sleep", if day or days flashing, then you can choose the another day or days to set.
5) Press "F/R" key to confirm and exit.

Note: There are threes kinds of program according to the day or days form: one day only (day1, day2~day7) program, day all (day1 2 3 4 5 6 7)program, weekday (day1 2 3 4 5) and weekend day (day6 7) program, the last program you set before you confirm and exit will be the present running program form.

◆ MANUAL OVERRIDE

1) Press "+"or "-" key to set the temperature manually, the "TEMPORARY SET" indicator displayed.

2) a) Press "P/S" key, "ROOM" and "TEMPORARY" flashing alternately, the temperature here will run until the next program begin or.

   Press "P/S" to stop.

   Or.

   b) Press " ◷ " key once, "TEMPORARY FOR" and "HR" indicator flashing

   Press "+"or "-" key to set the running time of the manual temperature.

   Press "P/S" to exit.

   Or.

   c) Press " ◷ " key twice, "TEMPORARY FOR" and "DAYS" indicator flashing

   Press "+"or "-" key to set the running days of the manual temperature out of 1~99.
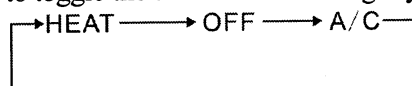
   Press "P/S" to exit.

◆ COPY FUNCTION

1) Press "P/S", day indicator flashing.

2) Press " + "or " - " key to choose the day or days you want to copy from., The day or days flashing.

3) Press "C/F" key, "COPY" flashing.

4) Press " + "or " - " key, to choose the day or days you want to copy to.

5) Press "C/F" once "COPY" indicator stop flashing; this means the program has been copy.

6) Press " + "or " - " key to choose other day or days you want to copy to, "COPY" flashing.

7) Press "C/F" "COPY" indicator stop flashing; this means the program has been copy.

8) Press "F/R" key to confirm.

◆ FILTER FUNCTION

1) Press and hold "C/F" for 2 second, "DAY" indicator displayed, "SET" and "FILTER" indicator flashing.

2) Press " + "or " - " key to choose between "15.30.60.90"

3) Press "P/S" to exit.

◆ HOLD FUNCTION

1) Press "T/H" key for 2 second, "HOLD" indicator flashing.

2) Press " + "or " - " key to set the "HOLD" temperature.

3) Press "P/S" key to confirm, "HOLD" indicator stop flashing.

The temperature will keep running until pressing "P/S" key or "S/L" key.

Press "S/L" to toggle the thermostat to change system mode from

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 ┌→HEAT ───→ OFF ───→ A/C┐
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◆ FAN FUNCTION

1) Press "F/R" key, "FAN" indicator displayed, and then fan has been open.

2) Press "F/R" key again, "FAN AUTO" indicator displayed, then the fan was under auto mode, this

means only under heating mode (♨ must be displayed) and cool mode (❄ must be displayed),

the fan will on.

RX UNIT:
Learning communication address if needed (usually we already set this in the factory).
During system in auto mode "A/M" LED OFF.
Press and hold "system" key for 5 sec "A/M" LED flashing.
You can press and hold "S/L" key for 3 sec in the transmitter. The RX "A/M" LED will be off, this means the RX unit is match with TX unit already.
You can communicate both units now.

MANUAL OVERRIDE MODE:
Press and hold "A/M" key for 5sec. unit "A/M" LED on.
Press "system" key to select heat or A/C.
Press "A/M" key toggle on and off.
Press "FAN" key toggle fan on and off.
Press and hold "A/M" key 5 sec. in manual mode.
The unit will go back to auto mode "A/M" LED off.

SPECIFICATIONS:
RECEIVER UNIT
Electrical rating: 24vac
                    1 amp. max. load per terminal
System configuration: gas, oil or electric heating/cooling systems.
Terminations : RH,RC,W,Y,G,O,B,C.

THERMOSTAT UNIT
POWER: 2xaa size battery
Temp. Control range: 45°F-95°F
Accuracy:+/-2°F AT 70°F
Transmitting frequency : 916MHz

Statement according to FCC part 15.19:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Statement according to FCC part 15.105:
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
. Reorient or relocate the receiving antenna.
. Increase the separation between the equipment and receiver.
. Connect the equipment into an outlet on a circuit different from that to which the receiver isconnected.
. Consult the dealer or an experienced radio/TV technician for help.

Statement according to FCC part 15.21:
Modifications not expressly approved by this company could void the user's authority to operate the equipment.