VARIABLE REFRIGERANT FLOW SYSTEMS



V0STAT51P-1 Programmable Wired Controller

Bulletin No. 210704 July 2014

VRF

PRODUCT SPECIFICATIONS



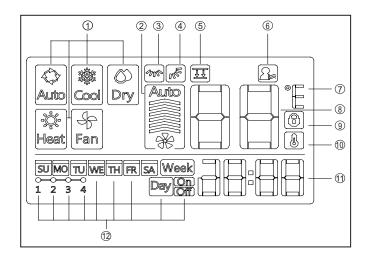
Complete control of indoor unit with convenient timed schedules for daily or weekly operation.

FEATURES

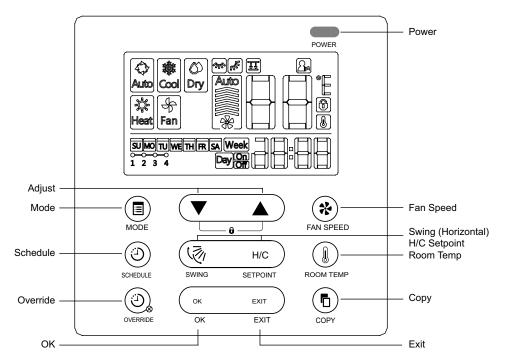
- Backlight Allows easy operation in a dark room.
 The controller lights when any button is pressed and remains lit during control access.
- Built-In Timer Scheduling Offers the
 convenience of automatically starting and
 stopping the system according to a set time.
 Timer can be set for individual days and weekly
 operation (including off times for holidays, etc.
 Weekly schedule is restored after the set day has
 passed). Up to four different time periods per day
 can be set. System can be manually interrupted
 during a weekly timed schedule.
- Delay Function During weekly schedule operation the system can be temporarily overridden to extend operation for up to two hours.
- Copy Function Settings from one day can be copied to another.
- LCD Display Displays temperature (°F or °C), current time and day of week, timer settings, operating mode (AUTO, COOL, DRY, HEAT, and FAN), fan speed graph and lock.
- Function Buttons POWER, MODE, UP/ DOWN ARROWS (for adjustment), SCHEDULE, OVERRIDE, FAN SPEED, SWING (Horizontal), SETPOINT, ROOM TEMP, OK, EXIT and COPY. Audible tone when each button is pressed (can be disabled).
- **Battery** One CR2032 lithium button battery is furnished as standard.
- Dimensions (H x W x D) 5 x 5 x 3/4 in. Control can be mounted in a standard electrical handy box (not furnished). Additional hardware is furnished for installation.

- Wiring Controller uses low voltage 4-wire shielded cable (not furnished) for easy connection to the indoor unit. Controller can control up to 16 indoor units on the same system in the same room.
- Error Code Display Displays error codes as an aid in troubleshooting controller and indoor/ outdoor unit operation.

DISPLAY



- **1. Operation Mode -** Displays system mode operation (AUTO, COOL, DRY, HEAT and FAN).
- **2.** Fan Speed Graph indicates indoor unit fan speed (Auto, Low, Medium, High) in visual increments and AUTO.
- 3. Disabled
- **4. Horizontal Swing -** Indicates horizontal swing louver function on indoor unit (if equipped).
- 5. Disabled
- 6. Disabled
- 7. Temperature Scale °F or °C.
- 8. Temperature Display
- **9.** Lock Indicates the controller buttons are disabled to prevent tampering.
- **10. Temperature -** Displays curent room temperature.
- **11. Clock -** Displays current time and/or timer settings when setting a schedule.
- 12. Timer Indicates a timed schedule is active. Displays day of the week (SU through SA), time periods per day (1, 2, 3, 4), "WEEK" and "DAY ON" or "DAY OFF". Also used when setting up a timed schedule.



BUTTONS AND FUNCTIONS

POWER - Turns system on and off. Also interrupts system operation during a weekly timed schedule (resumes at the next schedule timed on setting).

MODE - Select system operation modes: AUTO/COOL/DRY (dehumidification)/HEAT/FAN.



NOTE - ECO and FAN SPEED is disabled when system is in DRY (dehumidification) mode.

SCHEDULE - Sets current day and time (press and hold for 3 seconds, use Adjust buttons to set).

Also used to activate and set a time schedule ("Weekly", "Day On", "Day Off" and "Day On and Off").

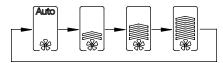
Up to four timer settings can be saved for each day of the week.

OVERRIDE - Select a delay during a weekly timed schedule (one or two hours) or skip an entire day for a weekly timed schedule.

NOTE - Selected Day(s) Off is canceled after that day(s) has passed.

ADJUST - Adjust up or down arrows to increase or decrease temperature in one degree increments. Range: 62 - 88°F. Also used to set timer schedules (time/temperature periods per day and day of week) and lock/unlock the controller (press and hold both buttons for 3 seconds).

FAN SPEED - Select fan speed (AUTO/LOW/MEDIUM/HIGH). Fan speed is displayed at the top of the control display.



NOTE - Fan speed is not adjustable in AUTO mode.

ROOM TEMP - Sets room temperature. Used in conjunction with Up/Down Buttons.

SWING (horizontal) - Activates the horizontal louver swing function on indoor unit (if equipped) for improved air distribution.

H/C **SETPOINT** - Switch heating or cooling setpoints when adjusting. Used in conjunction with Up/Down Buttons

OK - Used to confirm all Clock and Timer settings. Also used to select a Day Off (or multiple days off) during a weekly timed schedule.

EXIT - Returns to a previous menu selection.

© COPY - Copy one day settings from one day to another.

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