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RS300P Family Schedule Programming

NOTE: The clock must be set in order for the thermostat to run schedules.

Resume button pressed at any point will save any settings and exit programming.

When the EDIT SCHEDULE button is pressed it will save any previous settings and move to the next step in the programming.

Vacation Programming

Vacation programming for any extended override from 1 day to 365 days can be simply programmed using the Vacation button. Think of this as a programmable ‘Hold’ feature that can be used for extended control longer than the override timer, at any setpoint and mode of operation. The clock must be set and the keypad must be unlocked to use this feature.

VACATION

1) SET DAY OF RETURN Press the VACATION button and the **current** day of week will flash along with ‘0000’. Use the UP or DOWN arrows to change to the number of days until you want a return to normal schedules (end of the Vacation). As you adjust the number, the Day of Week icon will also adjust, indicating which day of week the vacation will end. This number can be from 1 to 365 days.

2) SET HOUR OF RETURN Press the VACATION button again and the HOUR will flash. Use the UP or DOWN arrows to adjust to the hour of your return to normal schedules.

3) SET MINUTES OF RETURN Press the VACATION button again and the MINUTES will flash. Use the UP or

DOWN arrows to adjust to the MINUTES (10 minute increments) of your return to normal schedules.

4) START VACATION Press the VACATION button again. The display will return to normal and the clock area of the display will show ‘VACA’.

5) SET VACATION SETPOINTS, MODE AND FAN OPERATION. Press the MODE button to select Heat, Cool, Auto or Off, Press the UP or DOWN buttons to set the Heating and/or Cooling setpoints and press the FAN button to select the fan operation as Auto (run with the equipment) or ON (continuous). At any time, the MODE, FAN and setpoints can be adjust and will remain until the end of the Vacation or until the Vacation is cancelled.

TO CANCEL AN ACTIVE VACATION Press the RESUME button. The thermostat will return to normal schedule operation.

7-Day Programming

Different schedules every day of the week (selected in the Setup Menu)

Schedule set up will start with the current day of the week.

1) MORNING SCHEDULE

a) DAY OF WEEK Press the EDIT SCHEDULE button and the **current** day of week will show. Use the UP or DOWN arrows to change to the day you want to program. (icons shown are Day of Week)

b) ON/OFF Press the EDIT SCHEDULE button. Use the UP or DOWN arrows to change between ON/OFF. **OFF** means the schedule is ignored.

If OFF is selected and the next button pressed is EDIT SCHEDULE, it will skip to the next schedule.

c) HOUR Press the EDIT SCHEDULE button and the day and time will show with the **hour** flashing- use the UP or DOWN arrows to change hour. **Default is 6:00AM**. Icons shown are Day of Week, CLOCK, MORN.

d) MINUTES Press the EDIT SCHEDULE button and the **minutes** will flash. Use the UP or DOWN arrows to adjust in 10 minute increments. Icons shown are Day of Week, Clock, and MORN Icon.

e) OPERATING MODE Press the EDIT SCHEDULE button to advance to the OPERATING MODE selection.

Use UP or DOWN arrows to adjust between AUTO, HEAT, COOL, and OFF.

NOTE: If the Operating Mode option the Setup Menu is COOL, then only COOL and OFF are available. If the Operating Mode option the Setup Menu is HEAT, then only HEAT and OFF are available.

f) COOLING SETPOINT (if Mode option the Setup Menu is AUTO or COOL) Press the EDIT SCHEDULE button to advance to the COOLING set point. Use UP or DOWN arrows to adjust the temperature. **Default is 78 degrees**. Icons shown are TEMP, SNOWFLAKE, Day of Week, CLOCK, MORN.

g) HEATING SETPOINT (if Mode option the Setup Menu is AUTO or HEAT) Press the EDIT SCHEDULE button to advance to the HEATING set point. Use the UP or DOWN arrows to adjust the temperature. **Default is 70 degrees**. Icons shown are TEMP, FLAME, Day of Week, CLOCK, MORN.

h) OCCUPIED/UNOCCUPIED Press the EDIT SCHEDULE button to advance to the OCC or UNOCC setting. **Default is OCCUPIED**. Use the UP or DOWN arrows to switch between OCC and UNOCC. Icons shown are OCC or UNOCC, Day of Week, CLOCK, MORN.

This is an important feature regarding operation with the commercial keypad lockout option. See KEYPAD LOCKOUT section of the thermostat manual.

i) FAN CONTROL Press the EDIT SCHEDULE button to advance to the FAN options. **Default is AUTO**. Use the UP or DOWN arrows to switch between AUTO and ON. Icons shown are OCC/UNOCC, Day of Week, MORN, FAN, ‘Auto’ or ‘On’ in CLOCK.

This feature allows constant fan circulation during occupied hours by setting to ON during occupied hours and AUTO during unoccupied hours.

j) SENSOR SELECTION Press the EDIT SCHEDULE button to advance to the SN options. **Default is BOTH**. Use the UP or DOWN arrows to switch between BOTH, LOCL and REMT

This feature is only available if a remote sensor is attached. It allows the thermostat to use the internal sensor (LOCL), remote sensor(s) (REMT) or an average (BOTH) of the internal and remote sensor(s) for each of the schedule periods.

Example: If the thermostat is located in the family room with a remote sensor in a bedroom, program the EVENING schedule for LOCL and program the NIGHT schedule for REMT.

k) NEXT SCHEDULE Press the EDIT SCHEDULE button and repeat process for the ‘DAY’

2) DAY SCHEDULE

Defaults are 8:00 AM, Cool 85, Heat 62, OCC, FAN AUTO.

Press the EDIT SCHEDULE button and repeat process for the ‘EVENING’

3) EVENING SCHEDULE

Defaults are 5:00 PM, Cool 78, Heat 70, OCC, FAN AUTO.

Press the EDIT SCHEDULE button and repeat process for the ‘NIGHT’

4) NIGHT SCHEDULE

Defaults are 10:00 PM, Cool 82, Heat 62, OCC, FAN AUTO.

5) COPY

Press EDIT SCHEDULE to advance to the COPY function. The next Day will flash. Press SELECT to copy the schedule to that Day or use the UP or DOWN arrow to advance to each flashing Day for copying. When each desired Day is selected, press EDIT SCHEDULE to move to the next uncopied day and repeat the programming steps for each day, or press RESUME to save and exit.

5-1-1 Day Programming

Same schedules Mon-Fri

Separate schedules on Sat & Sun

(selected in the Setup Menu)

Schedule set up will start with the current day of the week.

WEEKDAY or SAT or SUN. Press the EDIT SCHEDULE button and either **Mon Tue Wed Thu Fri** or **SA or SU** will be displayed. Use the UP or DOWN arrows to change between weekday and Sat and Sun.

1) MORNING SCHEDULE

a) ON/OFF Press the EDIT SCHEDULE button. Use the UP or DOWN arrows to change between ON/OFF. **OFF** means the schedule is ignored.

If OFF is selected and the next button pressed is EDIT SCHEDULE, it will skip to the next schedule.

b) HOUR Press the EDIT SCHEDULE button and the day and time will show with the **hour** flashing- use the UP or DOWN arrows to change hour. **Default is 6:00AM.** Icons shown are Day of Week, CLOCK, MORN.

c) MINUTES Press the EDIT SCHEDULE button and the **minutes** will flash. Use the UP or DOWN arrows to adjust in 10 minute increments. Icons shown are Day of Week, Clock, and MORN Icon.

d) OPERATING MODE Press the EDIT SCHEDULE button to advance to the OPERATING MODE selection. Use UP or DOWN arrows to adjust between AUTO, HEAT, COOL, and OFF.

NOTE: If the Operating Mode option the Setup Menu is COOL, then only COOL and OFF are available. If the Operating Mode option the Setup Menu is HEAT, then only HEAT and OFF are available.

e) COOLING SETPOINT (if Mode option the Setup Menu is AUTO or COOL) Press the EDIT SCHEDULE button to advance to the COOLING set point. Use UP or DOWN arrows to adjust the temperature. **Default is 78 degrees.** Icons shown are TEMP, SNOWFLAKE, Day of Week, CLOCK, MORN.

f) HEATING SETPOINT (if Mode option the Setup Menu is AUTO or HEAT) Press the EDIT SCHEDULE button to advance to the HEATING set point. Use the UP or DOWN arrows to adjust the temperature. **Default is 70 degrees.**

Icons shown are TEMP, FLAME, Day of Week, CLOCK, MORN.

g) OCCUPIED/UNOCCUPIED Press the EDIT SCHEDULE button to advance to the OCC or UNOCC setting. **Default is OCCUPIED.** Use the UP or DOWN arrows to switch between OCC and UNOCC. Icons shown are OCC or UNOCC, Day of Week, CLOCK, MORN.

This is an important feature regarding operation with the commercial keypad lockout option. See KEYPAD LOCKOUT section of the thermostat manual.

h) FAN CONTROL Press the EDIT SCHEDULE button to advance to the FAN options. **Default is AUTO.** Use the UP or DOWN arrows to switch between AUTO and ON. Icons shown are OCC/UNOCC, Day of Week, MORN, FAN, 'Auto' or 'On' in CLOCK.

This feature allows constant fan circulation during occupied hours by setting to ON during occupied hours and AUTO during unoccupied hours.

i) SENSOR SELECTION Press the EDIT SCHEDULE button to advance to the SN options. **Default is BOTH.** Use the UP or DOWN arrows to switch between BOTH, LOCL and REMT.

This feature is only available if a remote sensor is attached. It allows the thermostat to use the internal sensor (LOCL), remote sensor(s) (REMT) or an average (BOTH) of the internal and remote sensor(s) for each of the schedule periods.

Example: If the thermostat is located in the family room with a remote sensor in a bedroom, program the EVENING schedule for LOCL and program the NIGHT schedule for REMT.

j) NEXT SCHEDULE Press the EDIT SCHEDULE button and repeat process for the 'DAY'

2) DAY SCHEDULE

Defaults are 8:00 AM, Cool 85, Heat 62, OCC, FAN AUTO.

Press the EDIT SCHEDULE button and repeat process for the 'EVENING'

3) EVENING SCHEDULE

Defaults are 5:00 PM, Cool 78, Heat 70, OCC, FAN AUTO.

Press the EDIT SCHEDULE button and repeat process for the 'NIGHT'

4) NIGHT SCHEDULE

Defaults are 10:00 PM, Cool 82, Heat 62, OCC, FAN AUTO.

Press EDIT SCHEDULE to advance to the next section (either **Mon Tue Wed Thu Fri** or **SA or SU** and go through the programming steps and repeat the process, or press RESUME to save and exit.

Non-Programmable

(selected in the Setup Menu)

If 'non' is selected in the PROG function in the Setup Menu, the thermostat will operate as a standard non-programmable thermostat and if there is a remote indoor sensor attached, DIP#8 (remote sensor configuration) will determine if the thermostat controls to the remote sensor(s) or the average of all sensors.

DEFAULT SCHEDULES

Schedule	Time	Heat	Cool	Fan	Sensor
Morning (Sched 1)	6:00 AM	70 F	78 F	Auto	AVG
		21 C	25 C		
Day (Sched 2)	8:00 AM	62 F	85 F	Auto	AVG
		17 C	29 C		
Evening (Sched 3)	5:00 PM	70 F	78 F	Auto	AVG
		21 C	25 C		
Night (Sched 4)	10:00 PM	62 F	82 F	Auto	AVG
		17 C	28 C		