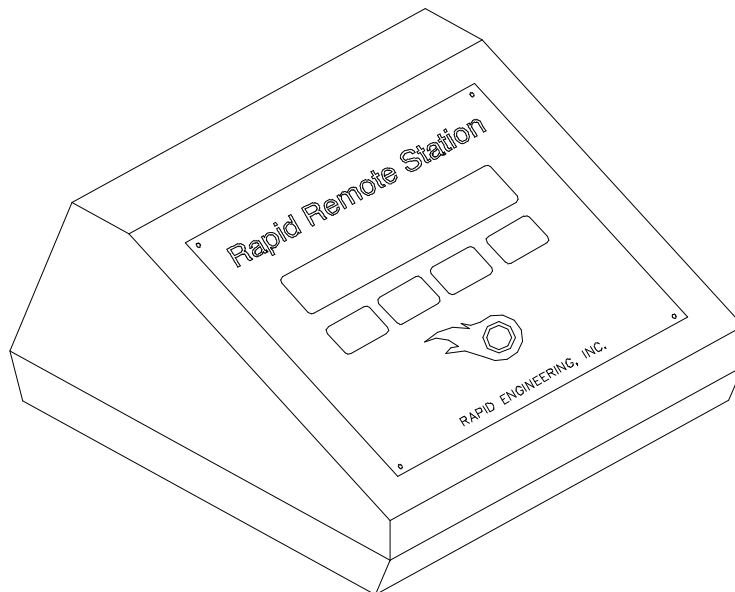


## REMOTE STATION DESCRIPTION

**The RAPID Intelligent Control Remote Station provides a convenient way to communicate with the Controller without the use of a PC. It can be used by mounting on a wall, placing it on a desk, or carrying it in a service truck whichever is most convenient!**

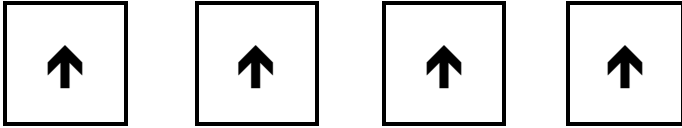
- The Remote Station communicates with one Controller at a time from a communications port connected directly to the J12 (ICS I) or P5 (ICS II) port of a Controller.
- The Remote Station provides all of the same functions as are available with the Network Computer except Hourly Logs, Error Logs (The last 4 are always available), Data Collection and (for ICS II) control of the separate schedule and Auxiliary Output.
- The menu driven program provides complete system setpoint and operational information on the screen.
- Four pressure sensitive keypads are used to obtain all of the control functions and operating information.
- The Remote Station can be installed up to 1000' from the Controller.

The menu selections and screens used by the Remote Station are shown in the following pages:



## Rapid Remote Station

MAIN MENU : Monday 11-19-96 , 15:35  
 Setpoint / Actual = 60 / 59.5 (°F)  
 ICS II Controller, Version 1.54  
 DISPLAY PROGRAM UNLOCK



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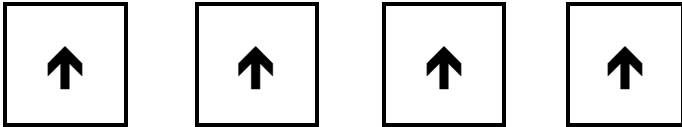
**MAIN MENU**

1. **DISPLAY.** View all setpoints & system operations.
2. **PROGRAM.** Change all setpoints.
3. **UNLOCK.** Allows you to deactivate security and access the program to change setpoints.

NOTE: The user is notified of errors here, also. Display the Errors screen and Request the Error Log to reset the error.  
 Press **DISPLAY** to go to the Display Menu.

## Rapid Remote Station

Display Menu, Select Item to Display  
 > Setpoints Filter Errors  
 Schedules Actuals Mode  
 NEXT PREVIOUS ENTER EXIT



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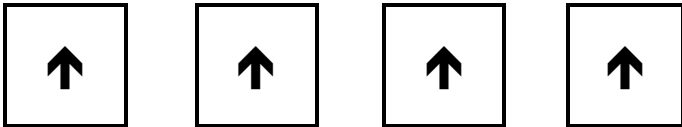
**Display Menu**

Select the sub-menu you want to display by pressing **NEXT** or **PREVIOUS**. To enter the sub-menu press **ENTER**. (To exit this screen and return to the Main Menu press **EXIT**).

Select Setpoints and press **ENTER**.

## Rapid Remote Station

Display Setpoints: Page 1 of 15  
 Occupied Space Temp. (°F)  
 Current Value = 60  
 PAGEUP PGDOWN EXIT



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**Display Setpoints**

Using **PAGEUP** or **PGDOWN** to view the following:

- Occupied Space Temp.
- Unoccupied Space Temp.
- Maximum Discharge Temp.
- Minimum Discharge Temp.
- Pressure (Inches W.C.)
- Burner Off / Cooling Setpt.
- Unoccupied Unit Turnoff
- Enable Relief/Cooling
- Low Temperature Shutdown
- Percent Outside Air
- OA Temp. Control (ICS I)
- Burner Turnoff (ICS I)
- Relative Humidity (ICS II)
- Dry Bulb Economizer (ICS II)
- Economizer Type (ICS II)

Press **EXIT** to return to Display Menu

## Rapid Remote Station

Display Menu, Select Item to Display  
 Setpoints      Filter      Errors  
 > Schedules      Actuals      Mode  
 NEXT      PREVIOUS      ENTER      EXIT

↑

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RAPID ENGINEERING, INC.

### Display Menu

Select **Schedules** and press **ENTER**

## Rapid Remote Station

Unit Schedules: Period 01 of 21  
 Period #01: From Sun 06:30 to Sun 23:50  
 PGDOWN      PAGEUP      EXIT

↑

↑

↑

↑

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### Display Schedule

**PGDOWN** or **PAGEUP** to display up to 21 time periods for this air handler.

Any time not specified will automatically default to the Unoccupied mode.

Press **EXIT** to return to the Display Menu

## Rapid Remote Station

Display Menu, Select Item to Display  
 Setpoints      > Filter      Errors  
 Schedules      Actuals      Mode  
 NEXT      PREVIOUS      ENTER      EXIT

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### Display Menu

Select **FILTER** and press **ENTER**

## Rapid Remote Station

Display Filter Status

Filter Status is Clear  
CONFIG EXIT

↑

↑

↑

↑

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**Display Filter Status**

This screen indicates whether the filter is **Clear** or **Clogged**

Press **EXIT** to return to the Display Menu

Note: This is an optional accessory.

## Rapid Remote Station

Program Filter Location

Filter Input Located at Input (I-30)  
INCREASE DECREASE PGM/EXIT

↑

↑

↑

↑

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**Display Filter Status**

This screen indicates whether the filter is **Clear** or **Clogged**

Press **EXIT** to return to the Display Menu

Note: This is an optional accessory.

## Rapid Remote Station

Display Menu, Select Item to Display

Setpoints	Filter	Errors
Schedules	> Actuals	Mode
NEXT	PREVIOUS	ENTER
		EXIT

↑

↑

↑

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**Display Menu**


Select **Actuals** and press **ENTER**





## Rapid Remote Station


Display Menu, Select Item to Display

Setpoints	Filter	Errors	
Schedules	Actuals	> Mode	
NEXT	PREVIOUS	ENTER	EXIT









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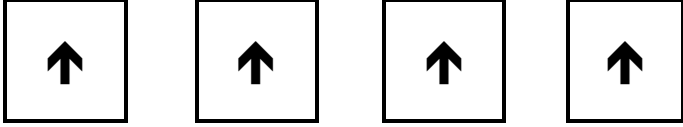
### Display Menu

Select **MODE** and press  
**ENTER**

## Rapid Remote Station

Unit Mode Display  
Current Mode: AUTO PRESSURE

EXIT



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**Display Mode**

There are six operating modes:

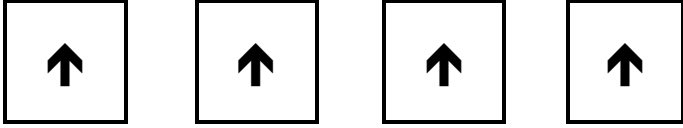
OFF  
AUTO PRESSURE  
AUTO - NO PRESSURE  
MANUAL DAMPER  
FLUSH  
EXHAUST

Press **EXIT** to return to the Display Menu

**Rapid Remote Station**

Display Menu, Select Item to Display

Setpoints	Filter	Errors
Schedules	Actuals	> Mode
NEXT	PREVIOUS	ENTER
		EXIT



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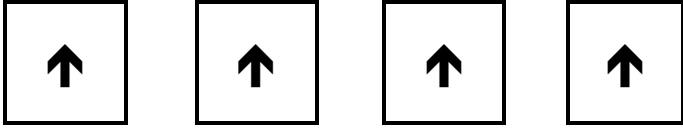
**Display Menu**

Press **EXIT** to return to the Main Menu

**Rapid Remote Station**

Main Menu: Monday 05-11-94 , 15:35

Temperature Setpoint	=	60	(°F)
Temperature Actual	=	61.4	(°F)
DISPLAY	PROGRAM	UNLOCK	



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**Main Menu**

Press **UNLOCK** to access the security Menu

System security locks automatically after 5 minutes of inactivity

NOTE: "LOCK" appears after the system is "UNLOCKed". Pressing **LOCK** will immediately re-install Password Security.

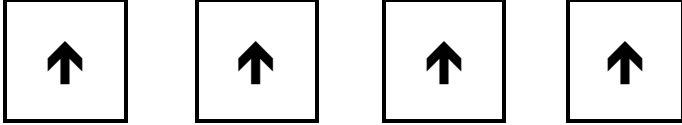
**Rapid Remote Station**





Program Menu, select item to Program  
 > Schedules Setpoints Mode Time

NEXT PREVIOUS ENTER EXIT



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**Program Menu**

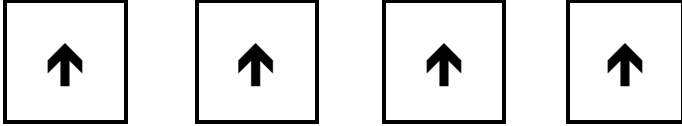
Use **NEXT** or **PREVIOUS** to make a selection.

Select Schedules and press **ENTER**.

## Rapid Remote Station

Program Schedule: Period 01 of 21  
 Period #01: From Sun 06:30 to Sun 23:50

PGDOWN PAGEUP PROGRAM EXIT



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**Program Schedule**

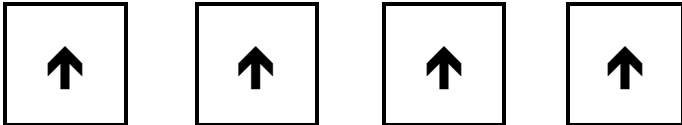
**PGDOWN** and **PAGEUP** will scroll through the 21 periods.

Select the period you want to modify or add, press **ENTER** to bring up the Edit Schedule Screen for this time period.

## Rapid Remote Station

Edit Schedule: Period 01 of 21  
 Period #01: From Sun 06:30 to Sun 23:50  
 Item Selected: ^^^

INCREASE DECREASE NEXT ITEM PGM/EXIT



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**Edit Schedule**

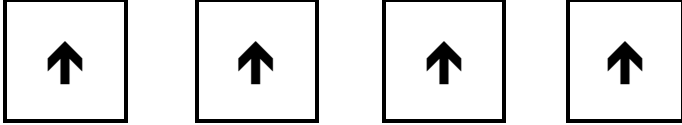
With the caret marks (^^^) under the Day or Time, pressing **INCREASE** or **DECREASE** will change the period accordingly. To move the caret marks to a different Day or Time item press **NEXT ITEM**.

After entering your changes, press **PGM/EXIT** to enter the change and return to Program Schedule.

## Rapid Remote Station

Program Schedule: Period 01 of 21  
 Period #01: From Sun 06:30 to Sun 23:50

PGDOWN PAGEUP PROGRAM EXIT



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**Program Schedule**

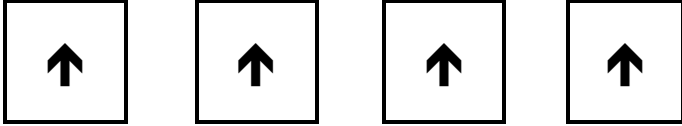
Press **EXIT** to return to Program Menu

NOTE: Setting start and times the same will delete that schedule.

**Rapid Remote Station**

Program Menu, select item to Program  
 Schedules > Setpoints Mode Time

NEXT PREVIOUS ENTER EXIT



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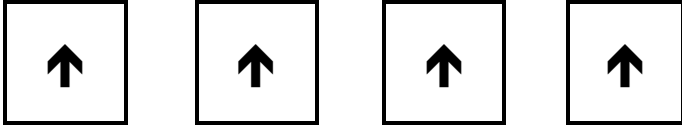
**Program Menu**

Select Setpoints and press **ENTER**

**Rapid Remote Station**

Program Setpoints: Page 1 of 15  
 Occupied Space Temp. (°F)  
 Current Value = 70

PGDOWN PAGEUP PROGRAM EXIT



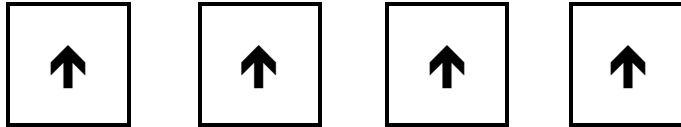
RAPID ENGINEERING, INC.

**Program Setpoints**

Press **PROGRAM** to change the current value of the setpoint

**Rapid Remote Station**

Program Change:	Occupied Space Temp. (°F)		
Current Value =	70		
Range Allowed:	Max: 80	Min: 40	
INCREASE	DECREASE	PGM/EXIT	



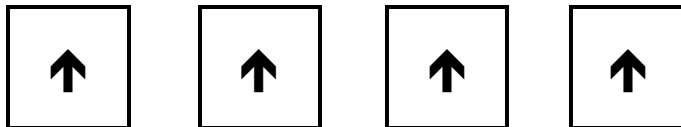
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**Program Change (Occupied Space Temp.)**

Press **INCREASE** or **DECREASE** to change the Current Value within the Range Allowed. Press **PGM/EXIT** to enter change and return to Program Setpoints

## Rapid Remote Station

Program Setpoints:	Page 1 of 15		
Occupied Space Temp. (°F)			
Current Value =	70		
PGDOWN	PAGEUP	PROGRAM	EXIT



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**Program Setpoints**

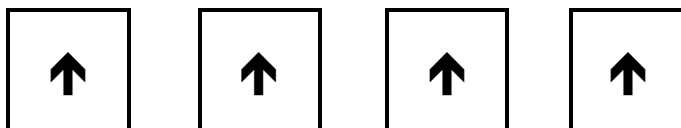
Select any of the following Setpoints by pressing **PGDOWN** or **PAGEUP** and **PROGRAM**

- Occupied Space Temp.
- Unoccupied Space Temp.
- Maximum Discharge Temp.
- Minimum Discharge Temp.
- Pressure (Inches Water Column)
- Burner Off / Cooling Setpt.
- Unoccupied Unit Turnoff
- Enable Relief/Cooling
- Low Temperature Shutdown
- Percent Outside Air
- Burner Turnoff(ICS I)
- OA Temp. Control (ICS I)
- Relative Humidity (ICS II)
- Dry Bulb Economizer (ICS II)
- Economizer Type (ICS II)

When complete press **EXIT** to return to Program Menu

## Rapid Remote Station

Program Menu, select item to Program			
Schedules	Setpoints	> Mode	Time
NEXT	PREVIOUS	ENTER	EXIT



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**Program Menu**

Select Mode and press **ENTER**

## Rapid Remote Station

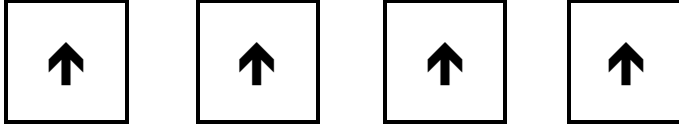
**Program Mode**

Press **SELECT** to select the mode. Press **PGM/EXIT** to enter the mode change and return to the Program Menu.

Selectable Modes are:

- OFF
- AUTO PRESSURE
- AUTO - NO PRESSURE
- MANUAL DAMPER
- FLUSH
- EXHAUST

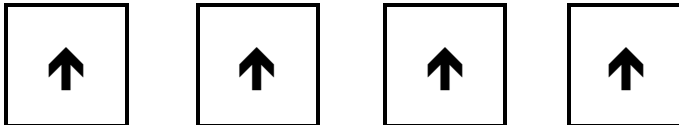
Program Mode, Wednesday 05-11-94, 08:58  
 Current Mode: AUTO PRESSURE  
 Change Mode To: AUTO PRESSURE  
 SELECT PGM/EXIT



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## Rapid Remote Station

Program Menu, select item to Program  
 Schedules Setpoints Mode > Time  
 NEXT PREVIOUS ENTER EXIT



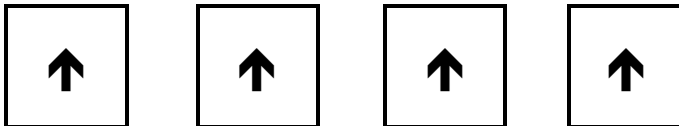
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**Program Menu**

Select Time and press **ENTER**

## Rapid Remote Station

Program Time: Wednesday 05-11-94 09:04  
 Edit: Weekday ^^  
 Select item, then INCREASE or DECREASE  
 INCREASE DECREASE SELECT PGM/EXIT



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**Program Time**

After the change press **PGM/EXIT** to return to Program Menu