

“SYSTEM 70”

TEMPERATURE CONTROL SYSTEM

HOW TO PROGRAM THE “SYSTEM 70”

System 70 Programming Instructions:

NOTES: "^" is used to indicate the button marked with a triangle pointing up.
 "v" is used to indicate the button marked with a triangle pointing down.
 Not all of the symbols used on the display can be typed but this is close.

1. Turn on power to the unit.
2. Press and hold the "^" and "v" together until the unit enters the program mode. Release the buttons.
3. If display reads LEVEL 1, skip to step 5.
4. Press the "^" button until the display reads LEVEL 1,2,3,4,or 5. Hold the "*" button and press the "^" or "v" button until the display reads LEVEL 1. Release the "*" button.
5. Press the "^" button once. The display will read "TUNE OFF".
6. Press the "^" button once. The display will read "BAND" and then a number. Hold the "*" button and press the "^" or "v" button to adjust to 3.0. Release the "*" button.

NOTE: All of the adjustments are made in this same way. Use the "^" or "v" alone to change steps. Hold the "*" and press "^" or "v" to adjust within the step. Use the "^" or "v" alone to change to the next step. With this in mind, continue through the remaining steps and adjust as needed.

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|-----|--------|-----|
| 7. | INT>T | 5.0 |
| 8. | DERT.T | 25 |
| 9. | DAC | 1.5 |
| 10. | CYC.T | 15 |
| 11. | OFST | 0 |
| 12. | SP.LY | OFF |
| 13. | SPRR | 0 |
| 14. | SPRN | OFF |

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|-----|--|--------------------|---|
| 15. | SOAK | -- | |
| 16. | SET.2 | NOT ADJUSTABLE YET | |
| 17. | BAND.2 | 0.5 | |
| 18. | CYC2 | ON.OF | |
| 19. | The display will read LEVEL 1. Hold the "*" and press the "^" to go up to LEVEL 2. Release the "*" button. Press the "^" button. The display will read "SP1.P". | | |
| 20. | SP1.P | 0 | |
| 21. | HAND | OFF | |
| 22. | PL.1 | 100 | |
| 23. | PL.2 | 100 | |
| 24. | SP2.A | COOL | |
| 25. | SP2.B | NONE | |
| 26. | D.SP | 1` | |
| 27. | H.SC | 86 | NOTE: This is the high set control. The number you program here is the highest you can set the unit during operation. |
| 28. | LO.SC | 60 | NOTE: This is the low set control. The number you program here is the lowest you can set the unit during operation. |
| 29. | INPUT | RTD | |
| 30. | UNIT | `F | |
| 31. | Press the "^" until the display reads "LEVEL 2". Hold the "*" button and press the "v" button to go down to "LEVEL 1". | | |
| 32. | Press the "^" button until you reach the step "SET.2" Adjust to 2.0 | | |
| 33. | Hold the "^" and "v" buttons at the same time to exit the program mode. The display may read "PARK". Hold the "*" button and press the "^" or "v" button to adjust to the desired temperature. | | |
| 34. | Test operation of the unit by setting the desired temperature to it's lowest setting. After the desired temperature has been achieved, adjust the desired temperature to it's highest | | |

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setting. A properly sized and insulated cabinet should achieve 30 or more degrees of cooling and 60 or more degrees of heating.