

### Testing Basic Functions:

Check the basic functions in the manual mode. Turn the program selection dial, located under the flip down cover, to “MANUAL”.

#### OFF:

1. With system switch in the “OFF” position, the thermostat turns off the heating and cooling systems.
2. Setpoints cannot be changed in the “OFF” position.
3. Actual room temperature will continue to be displayed.

#### Fan:

1. With system switch in the “OFF” position, put the fan switch to the “AUTO” position. The fan should be off.
2. With the system switch in the “OFF” position, put the fan switch to the “ON” position. The fan should run continuously.

#### Heat:

1. Set the system switch to “HEAT”.
2. The display will alternate between setpoint and actual room temperature.
3. Press either “up” or “down” arrow twice to enter the “SET” mode. Raise the setpoint by pressing the “up” button. To test, raise the setpoint above room temperature. Heat should turn on within 3 minutes.
4. Press the “down” button to lower setpoint to 5°F below room temperature. Heat should turn off in less than 1 minute.

#### Cool:

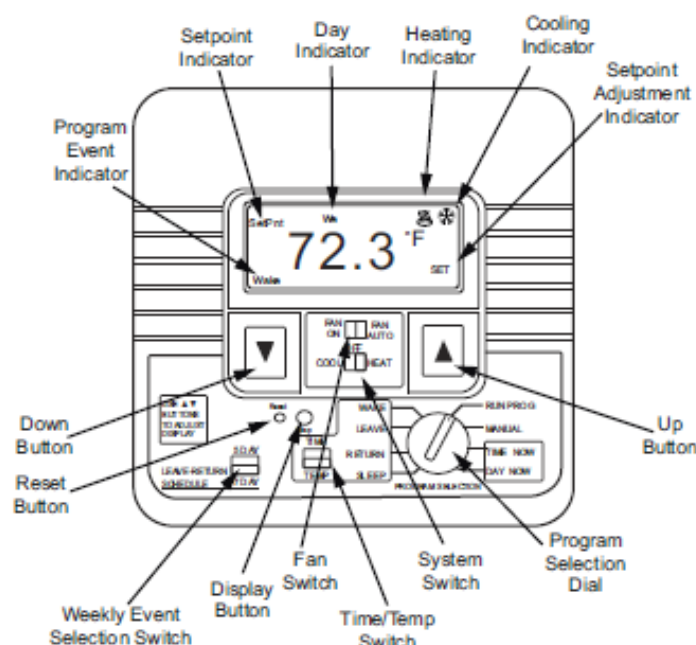
1. Set the system switch to “COOL”.
2. The display will alternate between setpoint and actual room temperature.
3. Press either “up” or “down” arrow twice to enter the “SET” mode. Lower the setpoint by pressing the “down” button. To test, lower the setpoint below room temperature. Compressor should turn on within 3 minutes.
4. Press the “up” button to raise setpoint to 5°F above room temperature. Compressor should turn off in less than 1 minute.

#### Auto:

1. Set the system switch to “AUTO”.
2. The automatic changeover function is now engaged. The change over band (deadband) is automatically adjusted so that heating and cooling setpoints are never closer than 4°F.

## MEDALLION SERIES PROGRAMMING INSTRUCTIONS

Model: TDAP24-AH22-CB



### Selecting Method of Operation:

1. Open the hinged cover. Notches directly left or right of ▼ and ▲ buttons on edge on control.
2. Rotate the PROGRAM SELECTION dial to RUN PROG to run the energy saving program or to MANUAL for single setpoint operation.

### Programming Instructions

Programming your Energy Saving Thermostat:

1. Open the hinged cover.
2. Select a Heating or Cooling schedule. You should write down your desired WAKE-LEAVE-RETURN-SLEEP times and HEAT/COOL temperatures for each event. Times and temperatures for heating and cooling are independent and may be programmed and reprogrammed at any time. Factory default heating and cooling programs are already stored in the thermostat - right out of the box. If you do not reprogram it yourself, the unit will run these default program(s) - refer to the default schedules shown here.

WAKE	at 6:00AM	HEAT at 70°F and COOL at 78°F
LEAVE	at 8:00AM	HEAT at 62°F and COOL at 85°F
RETURN	at 6:00PM	HEAT at 70°F and COOL at 78°F
SLEEP	at 10:00PM	HEAT at 62°F and COOL at 82°F

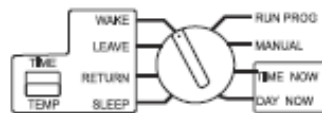
**NOTE:** To maximize Energy Savings, please take into consideration the amount of time it takes for the house to warm up or cool down for comfort levels. Example: Set ARRIVE time for 15 or 30 minutes before you normally arrive so the house is at your comfort level when you get home.

Write your schedule here:

WAKE	at	___ AM	HEAT at	___ °F	and COOL at	___ °F
LEAVE	at	___ AM	HEAT at	___ °F	and COOL at	___ °F
RETURN	at	___ PM	HEAT at	___ °F	and COOL at	___ °F
SLEEP	at	___ PM	HEAT at	___ °F	and COOL at	___ °F

### To Program the four (4) program events:

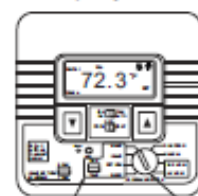
1. Set Dial to WAKE.



Slide TIME-TEMP switch to TIME.



Using the ▲ and ▼ buttons, set your wake time. Clock advances in 15 minute intervals, by holding down ▲ or ▼ button time will advance rapidly.



Now set the WAKE Heat & Cool Temperatures.

- a) Set TIME-TEMP switch to TEMP.



- b) Slide System Switch to HEAT, press ▲ or ▼ button to set temperature.

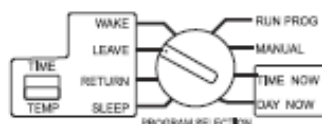


- c) Slide System Switch to COOL, press ▲ or ▼ button to set temperature.



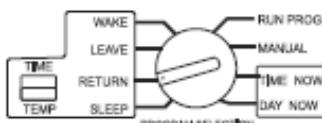
### 2. Turn Dial to LEAVE

Follow Step 1 above.



### 3. Turn Dial to RETURN

Follow Step 1 above.



4. Turn Dial to SLEEP

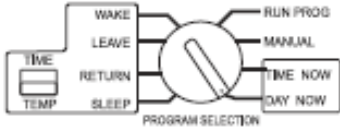
Follow Step 1 above.



Daily event programs are now set. The program will remain permanently in its memory until you change it. Power failure WILL NOT erase the program.

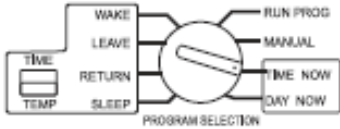
5. Set the Current Day

Turn Dial to DAY NOW press ▲ or ▼ button



6. Set Time of day:

Turn Dial to TIME NOW press ▲ or ▼ button. By holding down button time will advance rapidly.



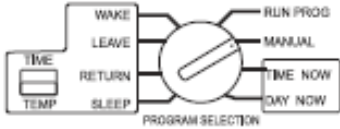
7. Choose 5 DAY or 7 DAY on the LEAVE-RETURN SCHEDULE switch which best suits your weekly lifestyle. The 5 DAY Schedule recognizes 4 distinct times for each day, Monday thru Friday. They are WAKE, LEAVE, RETURN, and SLEEP. The distinct times for the weekend are only WAKE and SLEEP. The 7 DAY schedule recognizes the same 4 schedule times each day of the week - Mon thru Sun. Use the 5 DAY - 7 DAY switch to select your schedule preference.



Programming & Operation Tips

Holiday, Vacation Settings

For a period that goes beyond event times. Turn the Dial to MANUAL and set the temperature to your desired setting by pressing ▲ or ▼ buttons. When you return, turn the Dial to RUN PROG.



Overriding the Current Program Setting

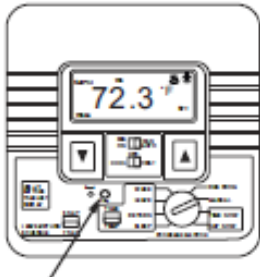
Just press ▲ or ▼ button to change the setting. When the next event occurs the setting will return to the program set points.

Display Button

There are two (2) display options.

- a) Actual Room Temperature, set point and time of day will alternately display.
- b) Actual room temperature is only displayed.

To change the display press DISP button.



Disp Button

Notes

Auto Change-over

To place the control in Auto Change-over model, slide system switch to AUTO.

To change or adjust setpoints, slide system switch to HEAT or COOL, adjust setpoint and switch back to AUTO.

INTERNATIONAL REFRIGERATION PRODUCTS CO., INC.  
LIMITED WARRANTY POLICY

International Refrigeration Products Co., Inc. (Hereinafter referred to as "IRP") warrants the following:  
Only cataloged products sold to distributors are warranted to the original purchaser, to conform with specifications furnished or approved by IRP, and to be free from defects in material and workmanship, for a period of one (1) year from the date of purchase, unless specified in writing for a different period. Prior to returning this product to IRP, the purchaser shall give IRP notice in writing stating how this product fails to fulfill this warranty. No product shall be accepted for repair or replacement without a required written notice and without prior written authorization and shipping address having been received by the purchaser from IRP. Only IRP's factory is authorized to perform services under this warranty. Transportation charges are to be prepaid by the purchaser.  
This warranty does not extend to any product that has been subjected to misuse, abuse, neglect, accidents, alterations, improper installation or use in violation of the printed instructions furnished by IRP. This warranty neither applies to batteries nor deterioration of, nor damage to the product caused by the use of faulty batteries. Final determination as to whether any product is actually defective rests solely with IRP.  
This warranty is expressly in lieu of all other agreements and warranties, expressed, implied, or statutory and IRP has no other obligations or liabilities in connection with this product. In no event shall IRP's obligation or liability hereunder exceed the purchase price of this product.  
**IRP SHALL NOT IN ANY EVENT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.**  
This warranty gives you specific legal rights, and you also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, or implied warranties, so the above limitations or exclusion may not apply to you.

INTERNATIONAL REFRIGERATION PRODUCTS CO., INC.  
Langhorne, PA 19047  
www.irproducts.biz

Technical Support:  
Monday to Friday  
8:00 AM to 4:30 PM EST  
Tel: 215-750-9876