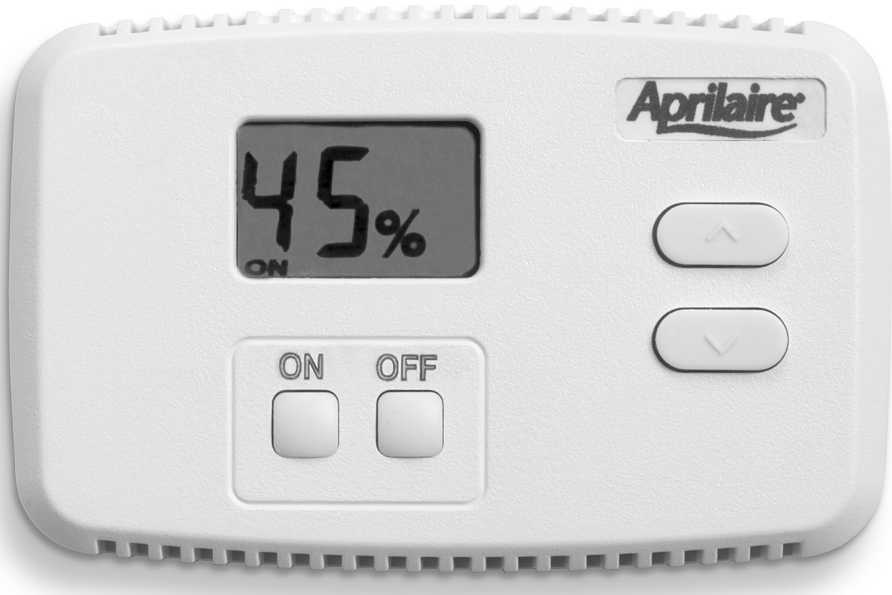
Aprilaire®
Fresh Ideas for Indoor Air®

Living Space Control



Model 70 Living Space Control

Owner's Manual

For use with Aprilaire Central Dehumidifier
Non-Programmable

READ AND SAVE THESE INSTRUCTIONS

I. PRINCIPLE OF OPERATION

It may be impractical or inconvenient to access and control your Aprilaire Central Dehumidifier under certain circumstances. For instance, installations in attics and crawlspaces may be difficult to access. You may wish to control the moisture level in a specific area, such as a living room or master bedroom. The Model 70 Living Space Control provides you with a convenient, accessible means of turning the Dehumidifier on and off and allows for adjustment of the dryness level set point. The Model 70 Control contains its own sensors that override the dehumidifier's main control board sensors when connected and enabled.

II. GETTING FAMILIAR WITH YOUR MODEL 70 CONTROL

See **Figures 1 and 2** for a description of the Living Space Control.

Figure 1 – Living Space Control

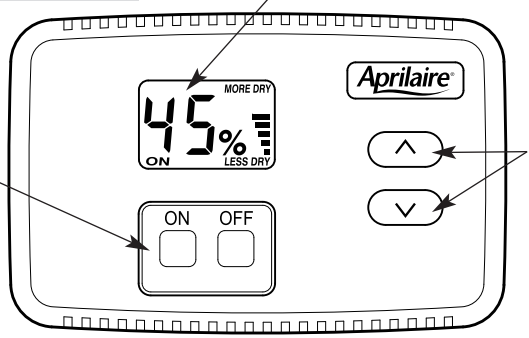


Figure 2 – LCD Display



III. OPERATING INSTRUCTIONS

BASIC FUNCTIONS

"ON" and "OFF" buttons allow you to turn the Dehumidifier on and off.

▲▼ buttons allow you to adjust the dryness set point from "LESS DRY" to "MORE DRY".

Room RH (Relative Humidity) is displayed at all times.

TO TURN THE DEHUMIDIFIER ON

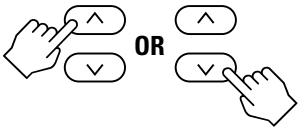
Press the "ON" button to enable the Dehumidifier to operate. When the "ON" button is pressed, the display will show a solid "ON". When the Dehumidifier is actually running, "ON" will blink.
NOTE: After initial power-up, the dehumidifier will not run until 2 minutes have elapsed for system initialization.

TO TURN THE DEHUMIDIFIER OFF

Press the "OFF" button to turn the Dehumidifier off. When the "OFF" button is pressed, the word "ON" will disappear from the display. (NOTE: turning the Living Space Control off will still allow the Dehumidifier to run air cycling and ventilation, if enabled on the Dehumidifier's Main Control.

TO ADJUST THE DEHUMIDIFIER SET POINT

Press the ▲▼ buttons to ADJUST the dryness level set point for the Dehumidifier. When either of the ▲▼ buttons is first pressed, the display will show "MORE DRY" and "LESS DRY" on the display with the current set point.



For increased dehumidification, pressing the ▲ button will increase the dryness level towards "MORE DRY", up to a maximum of 7 bars. When the ▲ button is pressed, "LESS DRY" disappears from the display and only "MORE DRY" is displayed. Each button depression will add 1 bar to the display.

For decreased dehumidification, pressing the ▼ button will decrease the dryness level towards "LESS DRY", down to a minimum of 1 bar. When the ▼ button is pressed, "MORE DRY" disappears from the display and only "LESS DRY" is displayed. Each button depression will remove 1 bar from the display.

For most installations, start with a "NORMAL" setting for optimal humidity levels. Please refer to the table below to determine your optimal set point.

Based on the thermostat set point, use the following table to determine the set point to reach a desired RH value. The Dehumidifier will work to achieve these values.

%RH (± 5%) based on Set Point Bar Display and Indoor Temperature				
Set Point Bar Display	Indoor Temperature (°F)			
	65	70	75	80
1 BAR – "LESS DRY"		84%	71%	60%
2 BARS	86%	73%	61%	52%
3 BARS – "NORMAL"	74%	63%	53%	45%
4 BARS – "NORMAL"	64%	54%	45%	39%
5 BARS – "NORMAL"	55%	46%	39%	33%
6 BARS	47%	39%	33%	28%
7 BARS – "MORE DRY"	40%	34%	28%	24%

EXAMPLE: At an indoor temperature of 75°F with a setting of 3 BARS, the dehumidifier will work to achieve an RH value of 53%.

NOTES:

1. %RH values are ±5% and are to be used as a GUIDE ONLY for initial set-up.
2. Indoor Temperature is measured by the Model 70 Living Space Control.

NOTE: In the event of a power failure, the Living Space Control will hold the last set point level in memory indefinitely.

CLEANING THE LIVING SPACE CONTROL

The surface of the Living Space Control can be cleaned with plain water or a non-abrasive household cleaner, including glass cleaner. When using any cleaner, be careful not to get any into the interior of the control. **Do not spray any liquid directly onto the control.** Spray the cleaner onto a soft cloth and wipe the surface of the control gently.

IV. LIMITED WARRANTY

Your Research Products Corporation Aprilaire® Model 70 Living Space Control is expressly warranted for five (5) years from date of installation to be free from defects in materials or workmanship.

Research Products Corporation's exclusive obligation under this warranty shall be to supply, without charge, a replacement for the Living Space Control which is found to be defective within such five (5) year period and which is returned not later than thirty (30) days after said five (5) year period by you to either your original supplier or to Research Products Corporation, Madison, Wisconsin 53701, together with the installation date of the Living Space Control.

THIS WARRANTY SHALL NOT OBLIGATE RESEARCH PRODUCTS CORPORATION FOR ANY LABOR COSTS AND SHALL NOT APPLY TO DEFECTS IN WORKMANSHIP OR MATERIALS FURNISHED BY YOUR INSTALLER AS CONTRASTED TO DEFECTS IN THE LIVING SPACE CONTROL ITSELF.

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Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages so the above exclusion or limitations may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

WARRANTY REGISTRATION

Please… Take a few minutes to visit us on-line at

www.aprilaire.com

to register your Aprilaire product.

If you do not have on-line access, please mail a postcard with your name, address, phone number, email address, product purchased, model number, date of purchase and dealer name and address to:

Research Products Corporation
P.O. BOX 1467
Madison, WI 53701

Thank you!

Your Warranty Registration information will not be sold or shared outside of this company.

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