



Model 70 Living Space Control Owner's Manual

**For use with Model 1700 Whole-Home Dehumidifier
Non-Programmable**

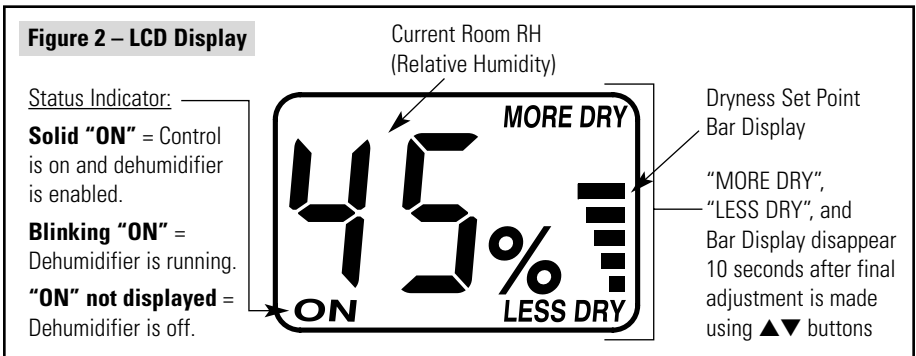
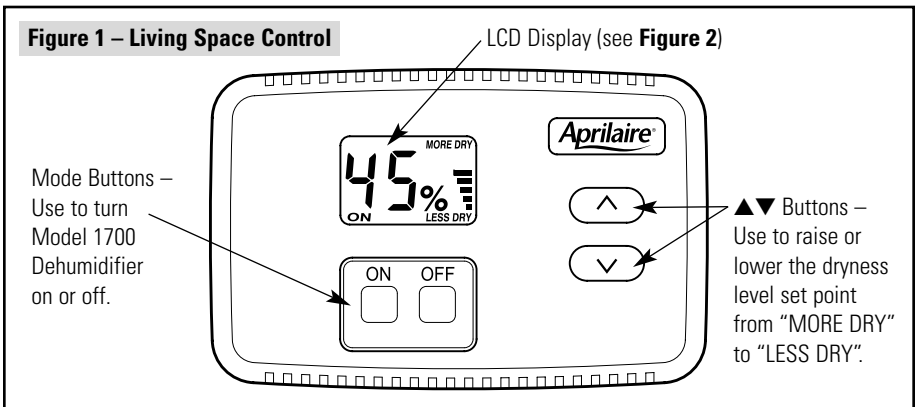
READ AND SAVE THESE INSTRUCTIONS

I. PRINCIPLE OF OPERATION

The Model 1700 Dehumidifier may be difficult to access in locations such as attics and crawlspaces, and 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 Model 1700 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 Model 1700 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.



III. OPERATING INSTRUCTIONS

BASIC FUNCTIONS

“ON” and “OFF” buttons allow you to turn the Model 1700 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 MODEL 1700 DEHUMIDIFIER ON

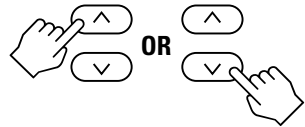
Press the "ON" button to enable the Model 1700 Dehumidifier to operate. When the "ON" button is pressed, the display will show a solid "ON". When the Model 1700 Dehumidifier is actually running, "ON" will blink. **NOTE: After initial power-up, the dehumidifier will not run until 2 minutes have elapsed for system initialization.**

TO TURN THE MODEL 1700 DEHUMIDIFIER OFF

Press the "OFF" button to turn the Model 1700 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 Model 1700 Dehumidifier to run fan cycling, if enabled on the Model 1700 Main Control. Please see page 3 of the Model 1700 Owner's Manual.)

TO ADJUST THE MODEL 1700 DEHUMIDIFIER SET POINT

Press the ▲▼ buttons to ADJUST the dryness level set point for the Model 1700 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.

Based on the thermostat set point, use the following table to determine the set point to reach a desired RH value. The Model 1700 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	64%	54%	45%	39%
5 BARS	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 – NORMAL, 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

If the surface of the Living Space Control becomes dirty, it 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 two (2) year from date of installation to be free from defects.

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 two (2) year period and which is returned not later than thirty (30) days after said two (2) 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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