

# IMPORTANT INSTRUCTIONS - OPERATING MANUAL

Model:  
DH55



Dehumidistat



## READ AND SAVE THESE INSTRUCTIONS

READ CAREFULLY BEFORE ATTEMPTING TO ASSEMBLE, INSTALL, OPERATE OR MAINTAIN THE PRODUCT DESCRIBED. PROTECT YOURSELF AND OTHERS BY OBSERVING ALL SAFETY INFORMATION. FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE!



RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.

## GENERAL SAFETY INFORMATION



When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock and injury to person, including the following:



1. Read all instructions before installing or using switch.
2. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
3. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-related construction.
4. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
5. This unit must be grounded.

**NOTICE:** This device is intended to be used in conjunction with an Air King exhaust fan that clears the air of excessive moisture as may occur after showering. This device CAN NOT reduce relative humidity below the level of the main living space.

Electrical rating: Voltage- 120V AC  
Full load: 10A  
Using humidity range: 10% - 80% RH  
Operating ambient temperature 10 - 40 ° C

## INSTALLATION INSTRUCTIONS



**CAUTION:** INSTALLATION BY A LICENSED ELECTRICIAN IS RECOMMENDED. INSTALLATION AND USE OF THIS EQUIPMENT SHOULD BE IN ACCORDANCE WITH PROVISIONS OF THE NATIONAL ELECTRICAL CODE, APPLICABLE LOCAL CODES AND PERTINENT INDUSTRY STANDARDS.

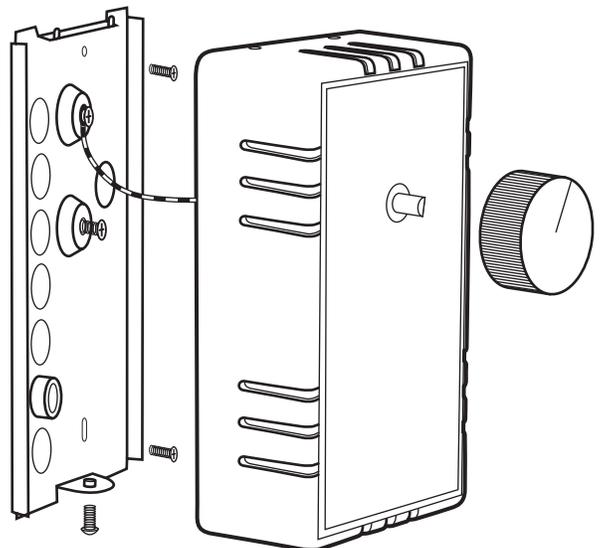


**CAUTION:** MAKE SURE POWER IS SWITCHED OFF AT SERVICE PANEL BEFORE STARTING INSTALLATION.

1. Unpack dehumidistat from the carton and confirm that all pieces are present. You should have:
  - 1 - Switch Cover with Switch
  - 1 - Switch Plate
  - 1 - Knob
  - 1 - Bag Containing:
    - 2 - Gang Box Mounting Screws
  - 1 - Instruction/Safety Sheet

**NOTE:** This unit is designed to fit over a single gang box.

2. Determine dehumidistat location. This control should be mounted on an inside wall where normal air circulation can surround the control.
3. Remove cover from back plate.



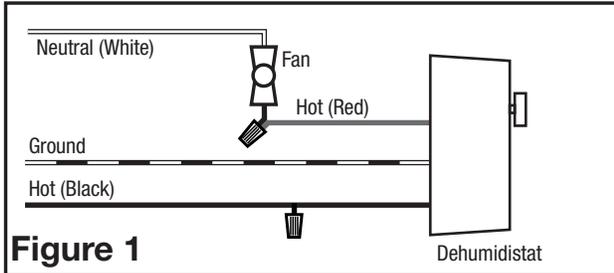
## SAVE THESE INSTRUCTIONS

## WIRING



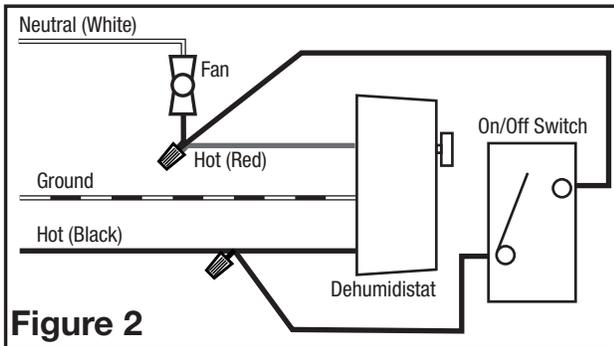
**CAUTION:** ALL ELECTRICAL CONNECTIONS MUST BE MADE IN ACCORDANCE WITH LOCAL CODES, ORDINANCES, OR NATIONAL ELECTRICAL CODE. IF YOU ARE UNFAMILIAR WITH METHODS OF INSTALLING ELECTRICAL WIRING, SECURE THE SERVICES OF A QUALIFIED ELECTRICIAN.

- 3a. **Dehumidistat Only:** For installations where the fan is to be controlled from the dehumidistat only. Connect the Black lead from the dehumidistat to the Hot (Black) wire from the power supply. Connect the Red lead from the dehumidistat to the Black wire from the fan. Connect the ground wire (green or bare copper) from the house to the Green screw of the mounting plate. Use approved methods for all connections (**Figure 1**).



**Figure 1**

- 3b. **Dehumidistat with manual On switch:** For installations where a switch (not included) to manually turn the fan on is preferred or required, run two Hot (Black) wires from the power source. Connect one Hot (Black) wire to the black lead of the dehumidistat. Connect the other Hot (Black) wire from the power source to the on switch. Connect the Red lead from the dehumidistat to the Black wire from the fan. Run a Black wire from the on switch to the Black wire of the fan (both the Black wire from the dehumidistat and the Black wire from the on switch will be connected to the Black wire from the fan). Connect the ground wire (green or bare copper) from the house to the Green screw of the mounting plate. Use approved methods for all connections (**Figure 2**).



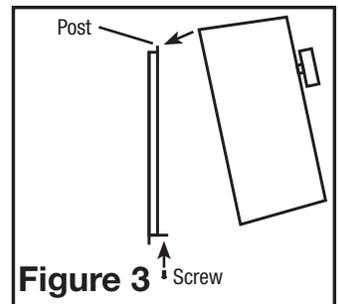
**Figure 2**

4. Mount back plate securely to gang box with screws provided in the parts package.

**NOTE:** Make sure the back plate is flat without any undue stress.

5. Re-install front cover by aligning the two holes on the top of the cover with the two posts on the plate. Secure with cover screw supplied in parts pack (**Figure 3**).

6. Turn power on at circuit breaker or fuse panel.



**Figure 3**

## OPERATING INSTRUCTIONS

Using the adjustment knob, turn the dehumidistat down to its lowest setting, then to the highest setting. Cycle at least 3 times to assure proper system function. Return control knob pointer to desired setting.

**DEHUMIDISTAT:** The dehumidistat is designed to automatically power the fan when the humidity level rises above the chosen level. If the fan is not operating, adjust the humidity setting on the dehumidistat to a lower setting. Once the desired humidity level is reached, the fan will automatically turn off.

**MANUAL ON SWITCH:** An optional manual on switch allows the user to power the fan no matter what the humidity level is. When the switch is turned on, the fan will turn on. This is especially useful for odor control in bathrooms.

**NOTE:** Either the dehumidistat OR the on switch can power the fan. To turn the fan off, both the dehumidistat and the manual on switch must be off.



**CAUTION:** NEVER USE THE DEHUMIDISTAT SWITCH AS A MEANS TO TURN OFF THE POWER TO THE FAN WHEN SERVICING. ALWAYS TURN THE POWER OFF AT THE CIRCUIT BREAKER OR FUSE PANEL.

### CALIFORNIA RESIDENTS ONLY:



**WARNING:** THIS PRODUCT CAN EXPOSE YOU TO A CHEMICAL [OR CHEMICALS] KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.



**WARNING:** THIS PRODUCT CAN EXPOSE YOU TO A CHEMICAL [OR CHEMICALS] KNOWN TO THE STATE OF CALIFORNIA TO CAUSE REPRODUCTIVE TOXICITY.

## LIMITED WARRANTY

**WHAT THIS WARRANTY COVERS:** This product is warranted against defects in workmanship and/or materials.

**HOW LONG THIS WARRANTY LASTS:** This warranty extends only to the original purchaser of the product and lasts for one (1) year from the date of original purchase or until the original purchaser of the product sells or transfers the product, whichever first occurs.

**WHAT AIR KING WILL DO:** During the warranty period, Air King will, at its sole option, repair or replace any part or parts that prove to be defective or replace the whole product with the same or comparable model.

**WHAT THIS WARRANTY DOES NOT COVER:** This warranty does not apply if the product was damaged or failed because of accident, improper handling or operation, shipping damage, abuse, misuse, unauthorized repairs made or attempted. This warranty does not cover shipping costs for the return of products to Air King for repair or replacement. Air King will pay return shipping charges from Air King following warranty repairs or replacement.

**ANY AND ALL WARRANTIES, EXPRESSED OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY), LAST ONE YEAR FROM THE DATE OF ORIGINAL PURCHASE OR UNTIL THE ORIGINAL PURCHASER OF THE PRODUCT SELLS OR TRANSFERS THE PRODUCT, WHICHEVER FIRST OCCURS AND IN NO EVENT SHALL AIR KING'S LIABILITY UNDER ANY EXPRESS OR IMPLIED WARRANTY INCLUDE (I) INCIDENTAL OR CONSEQUENTIAL DAMAGES FROM ANY CAUSE WHATSOEVER, OR (II) REPLACEMENT OR REPAIR OF ANY HOUSE FUSES, CIRCUIT BREAKERS OR RECEPTACLES. NOTWITHSTANDING ANYTHING TO THE CONTRARY, IN NO EVENT SHALL AIR KING'S LIABILITY UNDER ANY EXPRESS OR IMPLIED WARRANTY EXCEED THE PURCHASE PRICE OF THE PRODUCT AND ANY SUCH LIABILITY SHALL TERMINATE UPON THE EXPIRATION OF THE WARRANTY PERIOD.**

Some states and provinces do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so these exclusions or limitations may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state and province to province. Proof of purchase is required before a warranty claim will be accepted.

## CUSTOMER SERVICE:

Toll-Free (800) 465-7300

Our Customer Service team is available to assist you with product questions, service center locations, and replacement parts. They can be reached Monday through Friday, 8am-4pm Eastern.

Please have your model number available, as well as the type and style (located on the label inside of your product).

Please do not return product to place of purchase.

[www.airkinglimited.com](http://www.airkinglimited.com)

**PARTS FOR DISCONTINUED, OBSOLETE AND CERTAIN OTHER PRODUCTS MAY NOT BE AVAILABLE. DUE TO SAFETY REASONS, MANY ELECTRONIC COMPONENTS AND MOST HEATER COMPONENTS ARE NOT AVAILABLE TO CONSUMERS FOR INSTALLATION OR REPLACEMENT.**

# INSTRUCTIONS IMPORTANTES – MODE D'EMPLOI

Modèle:  
DH55

**Air King**  
Ventilation Products®

Déshumidistat



## LIRE ET CONSERVER CES INSTRUCTIONS

LIRE SOIGNEUSEMENT AVANT DE TENTER D'ASSEMBLER, INSTALLER, OPÉRER OU DE RÉPARER LE PRODUIT DÉCRIT. PROTÉGEZ VOUS-MÊME ET LES AUTRES EN OBSERVANT TOUTE L'INFORMATION DE SÉCURITÉ. FAILLIR À SE CONFORMER AUX INSTRUCTIONS PEUT RÉSULTER EN BLESSURE PERSONNELLE GRAVE ET/OU EN DOMMAGE À LA PROPRIÉTÉ.



CONSERVER CES INSTRUCTIONS POUR RÉFÉRENCES FUTURES.

## INSTRUCTIONS GÉNÉRALES DE SÉCURITÉ



Lors de l'utilisation d'appareils électriques, des précautions de base doivent toujours être suivies pour réduire les risques d'incendie, de choc électrique et de blessures corporelles, incluant ce qui suit:



1. Lisez toutes les instructions avant d'installer ou d'utiliser l'interrupteur.
2. Utilisez cette unité seulement de la manière pour laquelle le fabricant l'a conçu. Si vous aviez des questions, veuillez contacter le fabricant.
3. Le travail d'installation et le câblage électrique doivent être effectués par une(des) personne(s) qualifiée(s) en conformité avec tous les codes et normes applicables, incluant la construction relative aux incendies.
4. Lors de coupe ou de perçage des murs et plafonds, ne pas endommager le filage électrique et autres utilités cachées.
5. Cette unité doit être mise à la terre.

**AVIS :** Cet appareil est destiné à être utilisé en conjonction avec un ventilateur Air King qui purifie l'air d'une humidité excessive qui peut se produire après la douche. Cet appareil NE PEUT PAS réduire l'humidité relative en dessous du niveau de la salle principale.

Caractéristiques électriques : Tension- 120V AC  
Pleine charge : 10A  
Taux d'utilisation d'humidité: 10% - 80% HR  
Température ambiante de fonctionnement 10 - 40 ° C

## INSTRUCTIONS D'INSTALLATION



**AVERTISSEMENT:** L'INSTALLATION PAR UN ÉLECTRICIEN AGRÉÉ EST RECOMMANDÉE. L'INSTALLATION ET L'UTILISATION DE CET APPAREIL DOIT ÊTRE CONFORME AVEC LES NORMES DU CODE NATIONAL D'ÉLECTRICITÉ, LES CODES LOCAUX APPLICABLES ET LES NORMES INDUSTRIELLES PERTINENTES.

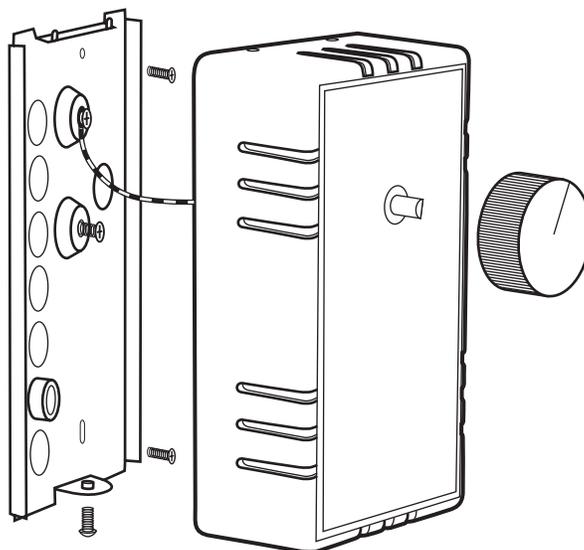


**AVERTISSEMENT:** VOUS ASSURER QUE L'ALIMENTATION EST COUPÉE AU PANNEAU DE SERVICE AVANT DE COMMENCER L'INSTALLATION.

1. Déballez le déshumidistat du carton et vérifiez que toutes les pièces sont présentes. Vous devriez avoir :
  - 1 - Couverture d'interrupteur avec interrupteur
  - 1 - Plaque d'interrupteur
  - 1 - Bouton
  - 1 - Sac contenant :
    - 2 - Vis de montage de la boîte électrique
  - 1 - Feuille d'instruction / de sécurité

**NOTE:** Cet appareil est conçu pour s'ajuster sur une boîte électrique simple.

2. Déterminez l'emplacement du déshumidistat. Cette commande doit être montée sur un mur intérieur où la circulation normale de l'air peut entourer la commande.
3. Retirez le couvercle de la plaque arrière.



## CONSERVER CES INSTRUCTIONS

