Features
The humidity sensor and fan controller senses the humidity of your bathroom and turns your bath fan or fan/light on when the humidity gets too high, reducing condensation in your bathroom and increasing ventilation when used in other household spaces.
- Compatible with Incandescent, LED, CFL and Fluorescent loads when used with combination fan and light fixtures.
- Sensitivity adjustment.
- Built in countdown timer feature for manual operation.
- Automatic ventilation/air circulate mode for continuous operation with hourly preset time outs.

Operation
1. Manual (for all modes of operation)
   - Press push pad to manually turn on the load. Internal time will activate and turn off load when set time out expires.
   - Press and release push pad to manually turn off load.

2. To adjust settings
   - Remove wallplate and sensor face (see section “Changing Your Device Cover”).
   - Adjust dials with small screwdriver.

3. Dial Descriptions
   - Time:
     1. Adjust the time selector to set the time out duration, which is the minimum desired length of time the fan will remain ON after being turned on in any mode of operation.
     2. For use with all Automatic Modes of Operation.
   - Sensitivity - To reduce false activation, reduce sensitivity.
     1. Hi - use for large rooms
     2. Medium - use for medium sized rooms
     3. Low - use for small rooms
     4. OFF - used in Air Cycle mode.
   - Humidistat:
     1. OFF - device ignores the humidity set point and controls fan based on detection of excess humidity.
     2. Minimum relative humidity - when the humidity is below your set level, the fan can only be turned on manually.

4. Default Settings
   - For bathroom applications the device should be placed at a level to detect steam. Placing the detector directly above a heater or near drafts is not recommended.
   - NOTE: DO NOT use to control a fan/light combination where the fan/light is the only means of illumination.
   - NOTE: The Leviton humidity sensor and fan control will not eliminate condensation and must be used in conjunction with other ventilation methods.

WARNINGS
- TO AVOID FIRE, SHOCK OR DEATH: TURN OFF POWER AT CIRCUIT BREAKER OR FUSE AND TEST THAT THE POWER IS OFF BEFORE WIRING!
- TO AVOID PERSONAL INJURY OR PROPERTY DAMAGE, DO NOT install to control a receptacle, or a load in excess of the specified rating.
- If you are not sure about any part of these instructions, consult an electrician.

CAUTIONS
- Clean outer surface gently with damp cloth only. DO NOT use soaps or cleaning liquids.
- No user serviceable components. DO NOT attempt to service or repair.
- Use this device WITH COPPER CLAD WIRE ONLY.

INSTALLATION

WARNING: TO AVOID FIRE, SHOCK OR DEATH, turn off power at circuit breaker or fuse and test that the power is off before wiring.

1. Identify your wires (most common):
   NOTE: If the wiring in the wall box does not resemble this configuration, consult an electrician.

2. Wire.
   Working on one connection at a time, connect wires as shown. NOTE: Neutral connection is required.

3. Test.
   Restore power. Locator light will illuminate but will not blink. Refer to Locator Light status chart to determine operational status.

   Turn off power at circuit breaker before completing the outlet installation.
   - Gently push wires into wall box. Screw outlet to box.
   - Install wallplate base and snap on Decora® wallplate.
   - Restore power.

Locator Light Status Chart

<table>
<thead>
<tr>
<th>Locator light action</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>ON</td>
<td>Fan OFF</td>
</tr>
<tr>
<td>OFF</td>
<td>Fan ON</td>
</tr>
<tr>
<td>Blinking 2 seconds ON, 2 seconds OFF</td>
<td>Air Cycle Mode is active</td>
</tr>
<tr>
<td>Blinking 2 seconds ON, 1/10 second OFF</td>
<td>Manual override</td>
</tr>
<tr>
<td>Fast blink</td>
<td>Defective unit</td>
</tr>
</tbody>
</table>

Changing your device color

Remove

Replace
5. Mode Descriptions

<table>
<thead>
<tr>
<th>Modes</th>
<th>When to use this setting</th>
<th>Time</th>
<th>Sensitivity</th>
<th>Humidistat</th>
<th>How the dial should look</th>
<th>Your fan will turn on when...</th>
<th>How the dial should look</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto On/ Auto Off (factory default)</td>
<td>Bathrooms and rooms where large changes in humidity can occur</td>
<td>Any</td>
<td>Low, Med or High</td>
<td>Off</td>
<td>There is a change in humidity that is greater than or equal to the percentage of the sensitivity setting.</td>
<td><img src="image1" alt="Humidistat Diagram" /></td>
<td><img src="image2" alt="Humidistat Diagram" /></td>
</tr>
<tr>
<td>Auto Off with humidity set point</td>
<td>Bathrooms and rooms where large changes in humidity can occur</td>
<td>Any</td>
<td>Low, Med or High</td>
<td>Between 20 and 80</td>
<td>The Relative Humidity is greater than or equal to the percentage of the sensitivity setting AND the relative humidity is greater than or equal to the humidistat setting.</td>
<td><img src="image3" alt="Humidistat Diagram" /></td>
<td><img src="image4" alt="Humidistat Diagram" /></td>
</tr>
<tr>
<td>Air Cycle</td>
<td>Basements and rooms requiring regular ventilation such as bathrooms in locations with humid climates</td>
<td>Any</td>
<td>Off</td>
<td>Every hour for the number of minutes you have set on the Time dial (X minutes).</td>
<td><img src="image5" alt="Humidistat Diagram" /></td>
<td><img src="image6" alt="Humidistat Diagram" /></td>
<td></td>
</tr>
<tr>
<td>Humidistat</td>
<td>Basements, laundry rooms and damp rooms</td>
<td>Any</td>
<td>Off</td>
<td>Relative humidity is greater than or equal to the humidistat setting. Fan will run for the number of minutes you have set on the Time dial (X minutes).</td>
<td><img src="image7" alt="Humidistat Diagram" /></td>
<td><img src="image8" alt="Humidistat Diagram" /></td>
<td></td>
</tr>
<tr>
<td>Manual Timer</td>
<td>Rooms that need to have the fan turned on once for a short time</td>
<td>Any</td>
<td>Off</td>
<td>Runs the fan for X minutes (X=the number you set on the Time dial) when the button is pressed. Stops fan if pressed while running.</td>
<td><img src="image9" alt="Humidistat Diagram" /></td>
<td><img src="image10" alt="Humidistat Diagram" /></td>
<td></td>
</tr>
</tbody>
</table>

What to do if...

<table>
<thead>
<tr>
<th>Mode</th>
<th>Issue</th>
<th>Make this adjustment</th>
</tr>
</thead>
</table>
| Auto Mode or Auto Mode with humidistat | False triggers | • lower the sensitivity setting  
• raise the humidistat setting |
| Auto Mode or Auto Mode with humidistat | Does not trigger/runs too late | • raise the sensitivity setting  
• lower the humidistat setting  
• ensure there are no drafts |
| Auto Mode or Auto Mode with humidistat | False triggers, but does not trigger when taking a shower | • in large bathrooms, raise the sensitivity setting  
• raise the minimum humidistat |
| Humidistat Mode | Does not trigger | • ensure sensitivity setting is Off  
• lower the humidistat setting |
| Air Cycle Mode | Does not trigger | • Turn on fan by pressing push pad  
• DO NOT manually turn off, let it time out  
• The LED should be blinking 2 seconds on, 2 seconds off |

FCC STATEMENT: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) the device may not cause harmful interference, and (2) the device must accept any interference received, including interference that may cause undesired operation of the device. This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio and television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:  
• Reorient or relocate the receiving Antenna.  
• Increase the separation between the equipment and the receiver.  
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.  
• Consult the dealer or an experienced radio/technician for help.  

FCC CAUTION: Any changes or modifications not expressly approved by Leviton Manufacturing Co., Inc., could void the user’s authority to operate the equipment.

LIMITED 5 YEAR WARRANTY: For Leviton’s limited product warranty, go to www.leviton.com. For a printed copy of the warranty, call 1-800-824-3005.

DI-000-IPHS5-02B

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