



pure indoor living



**COOL MIST**  
*HUMIDIFIERS WITH  
ADVANCED DIGITAL HUMIDISTAT  
AND WASHABLE LONG LIFE FILTER*

## **Instruction Leaflet**

Read instructions before operating. Retain for future reference.

 Questions? Comments? Call 1-800-253-2764 in North America  
or visit our website at [www.bionaire.com](http://www.bionaire.com).

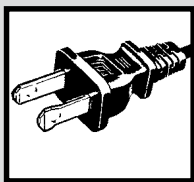
# PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

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

1. Read all instructions before using the appliance.
2. To avoid fire or shock hazard, plug the appliance directly into a 120V AC electrical outlet.
3. Keep the cord out of heavy traffic areas. To avoid fire hazard, NEVER put the cord under rugs or near heat registers.
4. DO NOT place humidifier near heat sources such as stoves, radiators, and heaters. DO locate your humidifier on an inside wall near an electrical outlet. The humidifier should be at least 4 inches (10 cm) away from the wall for best results.
5. NEVER place humidifier in an area where it is accessible to children. NEVER use humidifier in a closed room, particularly where a child may be sleeping, resting, or playing (a closed room may result in excessive humidity).
6. **WARNING:** Do not attempt to refill humidifier without first unplugging the unit from its electrical outlet. Failure to heed this warning may cause personal injury. Be sure to unplug the unit by pulling on the plug and not the cord.
7. Never place anything over moisture outlet when the unit is running.
8. NEVER drop or insert any object into any openings.
9. DO NOT operate any appliance with a damaged cord or plug, after the appliance malfunctions, or if it has been dropped or damaged in any manner. Return appliance to manufacturer for examination, electrical or mechanical adjustment, or repair.
10. Use appliance only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire,

electric shock, or injury to persons. The use of attachments not recommended or sold by the manufacturer may cause hazards.

11. DO NOT use outdoors.
12. Always place humidifier on a firm, flat, level surface. A waterproof mat or pad is recommended for use under the humidifier. NEVER place it on a rug or carpet, or on a finished floor that may be damaged by exposure to water or moisture.
13. DO NOT allow the Moisture Outlet to directly face the wall. Moisture could cause damage, particularly to wall paper.
14. Humidifier should be unplugged when not in use.
15. NEVER tilt, move, or attempt to empty unit while it is operating. Shut off and unplug before removing the water tank and moving the unit.
16. This humidifier requires daily and weekly maintenance to operate appropriately. Refer to daily and weekly cleaning procedures. Use only cleaners and additives recommended by the manufacturer.
17. NEVER use detergents, gasoline, glass cleaner, furniture polish, paint thinner, or other household solvents to clean any part of the humidifier.
18. Excessive humidity in a room can cause water condensation on windows and some furniture. If this happens, turn the humidifier OFF.
19. Do not use humidifier in an area where humidity level is in excess of 50%. Use a hygrometer, available at your local retailer or through the manufacturer, to measure the humidity.
20. DO NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void your warranty. The inside of the unit contains no user serviceable parts. All servicing should be performed by qualified personnel only.



**THIS APPLIANCE HAS A POLARIZED PLUG (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet.**

**DO NOT ATTEMPT TO MODIFY THIS PLUG OR DEFEAT THIS SAFETY FEATURE IN ANY WAY.**

# FEATURES - OPERATIONS

21. Never place housing under water flow or immerse in liquids.
22. Do not plug in the cord with wet hands: electric shock could result.
23. Do not pour water in any openings other than the water tank.
24. To prevent damage to surfaces, do not place humidifier under overhanging surfaces.
25. NEVER operate unit without water in the tank.
26. Do not move unit after it has been used until unit cools completely.
27. Use both hands when carrying full tank of water.

## PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

### CONSUMER SAFETY INFORMATION

**NOTE:** This is an electrical appliance and requires attention when in use.

**NOTE:** If moisture forms on the walls or windows of the room, turn off the humidifier. The room already has plenty of humidity and additional moisture may cause damage.

**NOTE:** DO NOT block air inlet or outlet.

### Cord and Plug Installation Safety Instructions:

The length of cord used on this appliance was selected to reduce the hazards of becoming tangled in, or tripping over a longer cord. If a longer cord is necessary an approved extension cord may be used. The electrical rating of the extension cord must be equal to or greater than the rating of the humidifier (refer to the rating information placed on the humidifier). Care must be taken to arrange the extension cord so that it will not drape over the countertop or tabletop where it can be pulled on by children or accidentally tripped over.

### HOW COOL MIST WORKS:

Air circulating through an absorbent wick filter releases invisible cool mist moisture into the air.

**NOTE:** A humidity level below 20% can be unhealthy

and uncomfortable. The recommended humidity level is between 40%-50%.

### PRE-OPERATING INSTRUCTIONS

1. Be sure the humidifier is switched OFF and the unit is disconnected from the electrical outlet.
2. Select a location for your humidifier, on a flat surface, about 4 inches (10 cm) away from the wall. DO NOT place the humidifier on a finished floor or near furniture, which can be damaged by too much moisture or water. Place on a moisture resistant surface.

### FILLING THE WATER TANK

1. Remove the tank from the main housing.
2. Bring the tank to the sink, turn upside down and twist off the tank cap by turning counter clockwise. Fill tank with cool, fresh tap water. DO NOT fill with warm water as this may cause leaking. Replace the cap on tank FIRMLY.
3. Place tank back on to the base. The tank will immediately begin to empty into the base.
4. Plug the humidifier into a 120V electrical outlet.

### OPERATING INSTRUCTIONS

The number of control buttons and settings may vary slightly between models, read following instructions carefully before operating:

Set Hr/Min  
Réglage H/Min

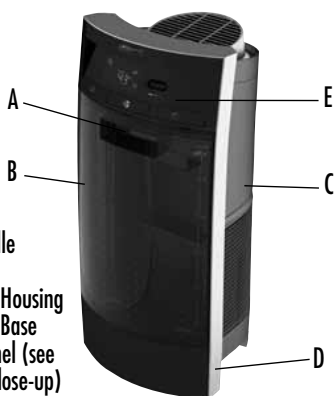
#### Set Current Clock Time

***(For first use and applicable to models with a Clock feature only)***

Once plugged in, the LCD Display will show the **Room** humidity level. The clock time "**12:00**" will begin to blink on the LCD Display, press the Power Button (ⓘ) before starting further operations. Press and hold the Mist Control Button (☁) for 3 seconds to activate the humidifier. Then the user can set the current clock time on the humidifier. First press of the Set Clock Button (Set Hr/Min Réglage H/Min) will make the Hr "**12**" to blink with the AM icon illuminated, turn the Dial Wheel to set the current Hour time (from **01** to **12** and cycle through AM and PM respectively). Press the Set Clock Button again, the minute "**00**" will blink, turn the Dial Wheel to select the

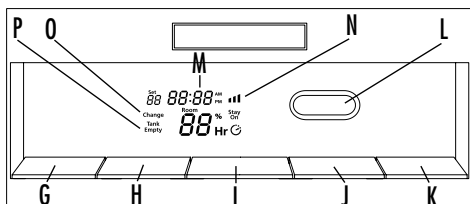
# FEATURES - OPERATIONS

Figure 1



- A. Carry Handle
- B. Water Tank
- C. Humidifier Housing
- D. Humidifier Base
- E. Control Panel (see Fig. 2 for close-up)

Figure 2 Control Panel (close-up)



- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| G. Power Button                       | applicable)                           |
| H. Speed Control Button               | L. Dial Wheel                         |
| I. Timer Button (if applicable)       | M. Clock Time Display (if applicable) |
| J. Night Light Button (if applicable) | N. Setting Indicators                 |
| K. Set Clock Button (if applicable)   | O. Change Filter Light                |
|                                       | P. Tank Empty Light                   |

## NOTES:

- Your humidifier may come with either 2 or 3 settings.
- The icon (☞) shown on the control panel represent the speed of moisture being put into the air.

current Minute time (from **00** to **59**). After 3 seconds, the Clock Time will stop blinking and display your set clock time.

## ① Power Button

Press the Power Button to turn the humidifier on, the LCD Display shows the **Room** humidity level. The humidifier will

run at **High** setting and the **Stay** icon will illuminate on LCD Display. Press the Power button to manually turn off the humidifier at any setting.

## ☞ Speed Control

Your humidifier comes with 3 comfort settings. Press the Speed Control button to select your desired setting. Once selected, the **Setting Indicators** will illuminate to indicate which setting is activated.

**Low** (•) - **High** (••) - **Turbo** (•••)

### Note:

**The Turbo Setting** (•••) is ideal for overly dry environments where faster moisture relief is desired. This setting allows the fan to operate at its full capacity to produce the maximum moisture level.

**The Low setting** (•) will produce the longest run time and have a quieter performance which is ideal for sleeping and when desiring more quiet environments.

## Digital Humidistat Control

Your humidifier is equipped with a digital humidistat that allows you to set your humidifier to your desired comfort level by turning the Dial Wheel on the control panel.

To preset a precise comfort level, turn the Dial Wheel to adjust the humidity level ranging from **60%** to **30%** (Default: "Stay"). The LCD Display will show the selected humidity level for 3 seconds and then change back to show the room humidity. The **Set** humidity level **88.88** will illuminate on top left of the LCD Display. When the room humidity level rises above the set humidity, the humidifier will stop. When the room humidity level drops below the set humidity, the humidifier will turn on automatically to maintain the preset humidity level.

**NOTE:** To shut the humidifier off at any setting, press the Power Button (①). The humidistat has memory. This means that when you turn the unit back on, it will be at the last humidity setting before the humidifier is turned off. However, if the humidifier is unplugged, the digital humidistat will no longer remember the previous humidity setting. You will need to reset the digital humidistat if the humidifier is unplugged.

**WARNING:** DO NOT move the humidifier with water in the tank or the humidifier base. The moving action of the water may activate the water tank's release nozzle and overflow the humidifier base. This may cause the humidifier to function intermittently, or stop emitting

# FEATURES - OPERATIONS

mist. Should this occur, simply remove the excess water from the humidifier base.

## NOTES:

- During operation, you may check the **run time scale** as located on the side of the Tank, it indicates how long the humidifier will run at **Low** and **High** setting.
- Allow up to 30 minutes for the filter to fully absorb water and for the unit to produce invisible moisture.
- The 15 holes on the bottom right of the unit is the humidistat sensor.
- The actual run time stated on the run time scale on the tank may vary slightly due to the amount of water in the reservoir of the humidifier.

## Tank Empty Light

Once the tank is empty, the **Tank Empty Light** will illuminate. Turn off your humidifier and unplug it from the electrical outlet. Before refilling, empty any residual water from the base and the tank (follow the daily maintenance instructions). Then follow the Filling Instructions to refill the tank and put back into the humidifier to begin operation. The **Tank Empty Light** will go off.

## REMOVING FILTER FOR CLEANING

Through normal use, waterborne minerals and sediment become trapped in the wick filters. The harder your water, the greater the amount of minerals in the water, and the more often you will be able to monitor the life of your filters in your humidifier.

The Change Light will illuminate to monitor the life of both wick filter and the optional demineralization cartridge. When the Change Light illuminates it is time to wash the filter

To remove filter for cleaning or replacement, follow the steps below:

1. Turn the unit off and disconnect from the electrical outlet.
2. Remove tank and main housing to access the base tray by turning the lock knob to the unlocked position.
3. Remove the wicks from the wick holder.
4. Follow the filter washing procedure below
5. To reinsert filter, insert the filter in the filter support in the base and ensure the blue grommet is inserted into the groove

6. Replace the main housing and then the tank onto the unit.
7. To reset the Change Light, press and hold the Speed Control button for 3 seconds.
8. Repeat Operation Instruction steps to begin operation, the Change Light will go off and start another cycle for timing when to wash the filter again.



## FILTER WASHING PROCEDURE

1. The water tray should be cleaned when you clean the filter. The water tray is a convenient way to carry the filter to prevent dripping.
2. Mix 1 gallon warm tap water with 1 teaspoon mild antibacterial dish washing detergent.
3. Fully submerge filter in detergent solution for 15-20 mins.
4. Dunk filter in detergent solution several times then gently press to release the soapy water. Be sure not to wring, pull or scrub filter as this will degrade the filter.
5. Run under cool tap water until there is no soap remaining. Some discoloration may still be visible, this is normal and does not affect performance.
6. Gently shake or press the filter to remove excess water.
7. The filter can be put directly into the humidifier while still damp if it is to be used right away, or allow filter to dry completely if humidifier is to be stored.

If your filter becomes damaged, lost or you would like to replace your filter, replacement filters are available at your local retailer or Consumer Service at 1-800-253-2764.

## Timer (if applicable)

Some models are equipped with 24-Hour Auto Shut-off Timer feature. This allows you to program your humidifier to shut off automatically after running a defined time interval.

1. Press the Timer Button () once. The "0" Hr icon will begin to blink.
2. Turn the Dial Wheel to adjust from **0** to **24** to select your desired time interval for the humidifier to shut-off automatically.
3. The selected hour will appear on the LCD Display for 3 seconds and then the LCD Display will return to show the **Room Humidity**. The Timer icon () will appear on the LCD Display to indicate that the selected timer.
4. When timer is set, you may check the remaining time

# FEATURES - OPERATIONS

while humidifier is still in operation. Press the Timer Button and the remaining time (e.g., **7 Hr**) will illuminate on the LCD Display for 3 seconds.

5. To cancel the Timer feature, press the **Timer Button** (☺). The remaining time will appear on the screen. Turn the Dial Wheel to **0** hours. The Timer will then be cancelled.

## **Night Light (if applicable)**

Some models are equipped with Night Light feature to allow users to increase or decrease the brightness of the LCD Display. When the humidifier is Off (but remain plugged in), each press of the **Night Light Button** (☾) will gradually increase the brightness of the LCD Display. When the humidifier is running, you may also press the **Night Light Button** (☾) to gradually decrease the brightness of the LCD Display.

# CLEANING / MAINTENANCE

## CLEANING AND MAINTENANCE INSTRUCTIONS

Humidifiers provide comfort by adding moisture to dry, heated indoor air. To benefit most from the humidifier and avoid product misuse, follow all instructions carefully. Please note that this is an electrical appliance and requires attention when in use.

In addition, if you do not follow the recommended care and maintenance guidelines, micro-organisms may be able to grow in the water within the water tank. You must routinely follow the cleaning procedures that follow in order to ensure proper, efficient operation of your humidifier. Proper maintenance and cleaning is essential to the continued performance of your unit and the avoidance of algae or bacteria build-up.

### Daily Maintenance:

1. Be sure the unit is OFF and is disconnected from the electrical outlet.
2. Remove the housing and the tank from the humidifier and place tank in sink or tub. Remove the filter if applicable.
3. Carry the base of the unit to the sink, remove the wick, place in sink, drain any remaining water and rinse thoroughly to remove any sediment or dirt. Wipe clean, and dry with a clean cloth or paper towel.
4. Drain the water from the tank into the sink and rinse tank thoroughly. Wipe clean, and dry with a clean cloth or paper towel.
5. Put filter back in, replace the housing, then refill tank with cool tap water as instructed earlier in the Filling Instructions. Do not overfill.
6. Follow Operating Instructions to turn on the humidifier.

### Weekly Maintenance:

#### To Remove Scale:

1. Repeat previous steps in Daily Maintenance.
2. Clean the base by partially filling the base with one 8-oz cup of undiluted white vinegar. Leave this solution in the base for 20 minutes, while cleaning all the interior surfaces with a soft brush (brush not included). Remove base scale by wiping the base with a cloth dampened with undiluted white vinegar.
3. Rinse with clean warm water to remove the cleaning solution before disinfecting the tank.

#### To Disinfect Humidifier Base and Tank:

1. Fill humidifier tank 1/2 full with water and 1/2 tablespoon of chlorine bleach.
2. Let the solution stand for 20 minutes, swishing every few minutes. Wet all surfaces.
3. Carefully empty the tank after 20 minutes, and rinse with warm water until you cannot detect any bleach smell. Dry with a clean cloth or paper towel.
4. Place filter back into base.
5. Refill the water tank with cool water and replace on housing (see Filling Instructions above). Follow Operating Instructions to turn the humidifier ON.
6. To clean the humidifier base, pour out all excess water. Rinse thoroughly to remove any sediment or dirt. Wipe clean and dry with a clean cloth or paper towel. Do not use metal cleaning utensils or abrasive cleansers.

# TROUBLESHOOTING

TROUBLESHOOTING		
Trouble	Probable Cause	Solution
• Water Leaks from Tank.	<ul style="list-style-type: none"><li>☛ Tank/cap gasket is missing.</li><li>☛ Unit tilted or not leveled.</li><li>☛ Cap not tight enough.</li><li>☛ Tank water is Hot.</li></ul>	<ul style="list-style-type: none"><li>✓ Remove tank cap and replace or reposition gasket.</li><li>✓ Place unit on a flat or leveled surface.</li><li>✓ Tighten the cap.</li><li>✓ Fill with cool water only.</li></ul>
• Crack in Tank.	<ul style="list-style-type: none"><li>☛ Hot water will cause tank to pressurize.</li><li>☛ Tanks will crack if hit or dropped.</li></ul>	<ul style="list-style-type: none"><li>✓ Fill with cool water only.</li><li>✓ Handle tank with care. If there is crack in tank, replace with a new tank.</li></ul>
• Film on Tank.	<ul style="list-style-type: none"><li>☛ Mineral deposits.</li></ul>	<ul style="list-style-type: none"><li>✓ Clean/disinfect tank as instructed in weekly cleaning instructions.</li></ul>
• Mist output minimal to none.	<ul style="list-style-type: none"><li>☛ Filter has not absorbed water.</li></ul>	<ul style="list-style-type: none"><li>✓ Wait 30 minutes for filter to absorb water.</li><li>✓ Operate in High setting.</li></ul>
• Filter turns brown.	<ul style="list-style-type: none"><li>☛ The filter has absorbed minerals.</li></ul>	<ul style="list-style-type: none"><li>✓ Replace your filter (SW2002-CN) by calling 1-800-253-2764, or visiting <a href="http://www.bionaire.com">www.bionaire.com</a>.</li></ul>

## STORAGE INSTRUCTIONS REPLACEMENT ACCESSORIES

### STORAGE INSTRUCTIONS

When not using your humidifier for an extended period of time:

1. Remove filter from unit.
2. Clean, rinse and thoroughly dry the humidifier as directed in weekly maintenance. **DO NOT** leave any water in the unit when storing. Leaving water in the unit may render the unit inoperable for the following season.
3. Place the humidifier in the original carton and store in a cool, dry place.
4. Order your replacement filter for next year's use.

### REPLACEMENT ACCESSORIES

If your filter becomes damaged, lost or you would like to replace your filter, replacement filters are available at your local retailer or Consumer Service at 1-800-253-2764

You can use either of the two filters mentioned on the next page.

If you require a new tank, please contact Consumer Service at 1-800-253-2764 or visit [www.bionaire.com](http://www.bionaire.com)

# STORAGE INSTRUCTIONS REPLACEMENT ACCESSORIES

MODEL #	DESCRIPTION	REPLACEMENT INSTRUCTIONS
SW2002-CN	Standard Evaporative Wick Replacement Filter	For maximum performance, change filter every 30 days
BWF2002P-CN	Long Life Washable Evaporative Wick Replacement Filter	Wash filter every 30 days. Average life of filter is 3 months. Note: When using the BWF2002P-CN filter in this unit, wash/change the filter when the change light turns on.

## FREQUENTLY ASKED QUESTIONS

FREQUENTLY ASKED QUESTIONS	
Question	Answer
<ul style="list-style-type: none"> <li>What are the variables that affect run time?</li> </ul>	<p>The estimated run time for this humidifier is based on average room conditions. The actual run time of your humidifier is dependent on numerous variables such as:</p> <ul style="list-style-type: none"> <li>✓ Air exchange in the room where the humidifier is placed.</li> <li>✓ Room construction of the room where the humidifier is placed.</li> <li>✓ Temperature of the room where the humidifier is placed.</li> <li>✓ Humidity levels in the room where the humidifier is placed.</li> <li>✓ Movement of occupants and the opening and closing of doors in the room where the humidifier is placed.</li> <li>✓ Home furnishings in the room where the humidifier is placed.</li> </ul>
<ul style="list-style-type: none"> <li>How do I remove film on water tank?</li> </ul>	<ul style="list-style-type: none"> <li>✓ See Daily Maintenance instructions. Regular cleaning is recommended.</li> </ul>
<ul style="list-style-type: none"> <li>How can I extend the run time?</li> </ul>	<ul style="list-style-type: none"> <li>✓ Run your unit on the lowest setting.</li> <li>✓ If your unit has electronics, set it to your desired humidity level. The unit will turn on and off, which will extend the run time.</li> <li>✓ Fill the tank all the way full, place it on the base, let the water empty into the base until it stops bubbling, then refill the tank full again. This ensures maximum water capacity and will extend run time.</li> </ul>

If you have any questions regarding your product or would like to learn more about other Bionaire® products, please contact our Consumer Service Department at 1-800-253-2764 or visit our website at [www.bionaire.com](http://www.bionaire.com).

# WARRANTY INFORMATION

## 1 YEAR LIMITED WARRANTY

Sunbeam Products, Inc. doing business as Jarden Consumer Solutions or if in Canada, Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions (collectively "JCS") warrants that for a period of one year from the date of purchase, this product will be free from defects in material and workmanship. JCS, at its option, will repair or replace this product or any component of the product found to be defective during the warranty period.

Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is your exclusive warranty. Do NOT attempt to repair or adjust any electrical or mechanical functions on this product. Doing so will void this warranty.

This warranty is valid for the original retail purchaser from the date of initial retail purchase and is not transferable. Keep the original sales receipt. Proof of purchase is required to obtain warranty performance. JCS dealers, service centers, or retail stores selling JCS products do not have the right to alter, modify or any way change the terms and conditions of this warranty.

This warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, disassembly, repair or alteration by anyone other than JCS or an authorized JCS service center. Further, the warranty does not cover: Acts of God, such as fire, flood, hurricanes and tornadoes.

### What are the limits on JCS's Liability?

JCS shall not be liable for any incidental or consequential damages caused by the breach of any express, implied or statutory warranty or condition.

Except to the extent prohibited by applicable law, any implied warranty or condition of merchantability or fitness for a particular purpose is limited in duration to the duration of the above warranty.

JCS disclaims all other warranties, conditions or representations, express, implied, statutory or otherwise.

JCS shall not be liable for any damages of any kind resulting from the purchase, use or misuse of, or inability to use the product including incidental, special, consequential or similar damages or loss of profits, or for any breach of contract, fundamental or otherwise, or for any claim brought against purchaser by any other party.

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

This warranty gives you specific legal rights, and you may also have other rights that vary from province to province, state to state or jurisdiction to jurisdiction.

### How to Obtain Warranty Service

#### In the U.S.A.

If you have any question regarding this warranty or would like to obtain warranty service, please call 1-800-253-2764 and a convenient service center address will be provided to you.

#### In Canada

If you have any question regarding this warranty or would like to obtain warranty service, please call 1-800-253-2764 and a convenient service center address will be provided to you.

In the U.S.A., this warranty is offered by Sunbeam Products, Inc. doing business as Jarden Consumer Solutions located in Boca Raton, Florida 33431. In Canada, this warranty is offered by Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions, located at 20 B Hereford Street, Brampton, Ontario L6Y 0M1. If you have any other problem or claim in connection with this product, please write our Consumer Service Department. **PLEASE DO NOT RETURN THIS PRODUCT TO ANY OF THESE ADDRESSES OR TO THE PLACE OF PURCHASE.**