

User Guide



Safety Information

Please read all instructions before assembling your PureNight[™] air filtration system. Always follow the safety messages provided in this guide.



This is the safety alert symbol. This symbol alerts you to potential hazards during assembly, use, and maintenance of your system. A safety message always follows an alert symbol and includes the words Caution or Note.

Message indications are described below.

A Caution

A caution message indicates that people could possibly be endangered and/or slightly hurt.



A note message indicates that a situation is possibly dangerous or that system components might be damaged.

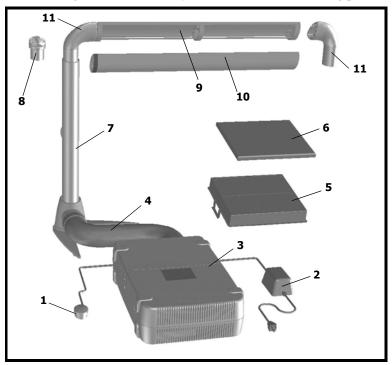
Please save these instructions and your original purchase receipt.

Table of Contents

Parts List	1
Assembly	3
System Operation	13
Maintenance	17
Troubleshooting	20
Frequently Asked Questions	21
Replacement Parts	23
Warranty Information	24
PureNight™ Air Filtration System Warranty Card	27

Parts List

The PureNight TM air filtration system includes the following parts.



- 1. Foot switch and cable
- 2. Power supply and cord
- 3. Central filtration unit
- 4. Acoustic tube with fabric cover
- 5. High-efficiency particulate air (HEPA) filter
- 6. Pre-filter
- 7. Tower
- 8. Tower cap
- 9. PureNight[™] arm
- 10. PureNight[™] sleeve
- 11. Elbows (left and right)

System Parts and Functions

Table 1 describes the functions of the parts.

Table 1: System Parts and Functions

Pa	rt	Function
1.	Foot switch and cable	Allows fan-speed adjustment and alerts you of a filter change
2.	Power supply and cord	Provides low-voltage power to the central filtration unit; UL listed
3.	Central filtration unit	Houses the HEPA filter, pre-filter, and fan
4.	Acoustic tube with fabric cover	Connects the central filtration unit to the tower; provides flexible positioning and reduces noise
5.	HEPA filter	Purifies the air
6.	Pre-filter refill pack	Includes 4 replacement pre-filters
7.	Tower	Directs purified air upwards; provides a stable base and varied height adjustment to fit your sleeping environment
8.	Tower cap	Slides onto the top of the tower for daytime use as a decorative, protective cover
9.	PureNight [™] arm	Projects low-flow, purified air over the sleeping area
10.	PureNight [™] sleeve	Slips onto the PureNight [™] arm to diffuse the purified air
11.	Elbows (right and left)	Connects the tower to the PureNight [™] arm; choose right or left depending on bedside set up

Assembly

Follow these instructions to assemble your PureNight[™] air filtration system. Only a tape measure is required during assembly.

Set Up the Tower

- 1. Place the tower assembly on a level surface next to the side of the bed on which you normally sleep.
- 2. To vertically align the tower assembly, turn the foot pegs underneath the tower legs (Figure 1) to the right or left.

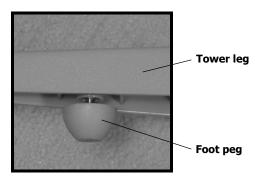


Figure 1: Foot pegs for vertical alignment

3. Slide the legs inwards or outwards to a minimum 45° angle. A 90° angle is recommended for greater stability (Figure 2).

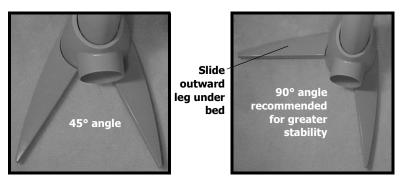


Figure 2: 45° angle and 90° angle leg adjustments

Connect the Foot Switch

- 1. Connect one end of the foot switch cable to the central filtration unit, as shown in Figure 3.
- 2. Connect the other end of the cable to the foot switch, also shown in Figure 3.

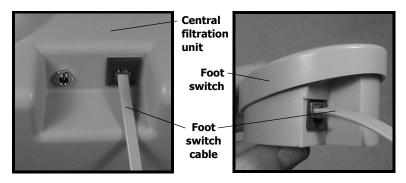


Figure 3: Foot switch cable connections

Connect the Power Supply

- Connect the power supply cord to the central filtration unit, as shown in Figure 4, by looping the cord through the strain-relief hook.
- 2. Plug the other end of the power supply cord into an electrical outlet, also shown in Figure 4.

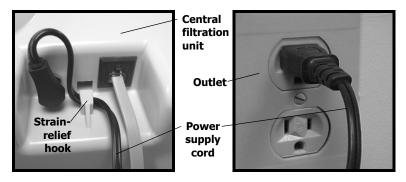


Figure 4: Power supply cord connections

Attach the Acoustic Tube

- 1. Attach one end of the acoustic tube to the back of the central filtration unit, as shown in Figure 5.
- 2. Attach the other end of the acoustic tube to the front of the tower base, also shown in Figure 5.

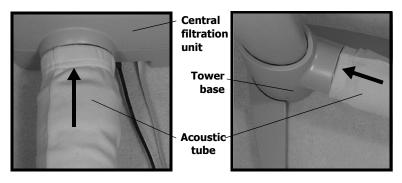


Figure 5: Acoustic tube connections

3. Pull the fabric cover over the gaps on both ends of the acoustic tube.



Attach the acoustic tube with the central filtration unit turned off.

Although the central filtration unit is equipped with a finger guard, use caution when attaching the acoustic tube to the unit.

Install the HEPA Filter and Pre-Filter

1. Using both hands, simultaneously push the tabs (Figure 6) on the side of the central filtration unit to remove the filter cover.



Push in and up to release filter cover

Figure 6: Filter cover tab

- 2. Remove the plastic packaging from the HEPA filter.
- 3. Snap the HEPA filter into the central filtration unit, as shown in Figure 7.

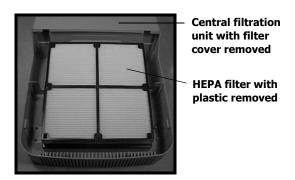


Figure 7: Correct placement of HEPA filter in central filtration unit

- 4. Remove one of the pre-filters from the pre-filter refill pack.
- 5. Lay the pre-filter onto the HEPA filter.

6. Gently press the pre-filter against the Velcro® tabs in each corner and side of the HEPA filter, as shown in Figure 8.

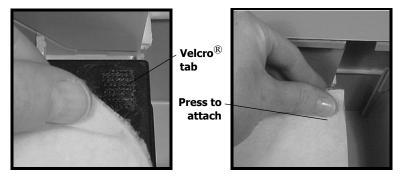


Figure 8: Correct pre-filter placement

7. Replace the filter cover on the central filtration unit by firmly pressing down on the corners until the cover snaps into place.

Conceal the Central Filtration Unit

- 1. Slide the central filtration unit—attached to the acoustic tube, foot switch, and power supply—underneath your bed.
- 2. Adjust the flexible acoustic tube as necessary until all cords and components, except the tower assembly, are beneath your bed.



To prevent restricted air flow, leave at least 6 inches of space around the air-inlet grill on the central filtration unit.

The central filtration unit is designed to fit underneath a standard-sized bed frame. If the unit does not fit beneath your bed, we recommend you insert risers under each bed post. If you are still unable to slide the unit under your bed, you may position the unit on its side, on a level surface next to the bed.

Choose the Correct Elbow

Choose the right or left elbow based on which side of the bed you normally sleep. Think of driving a car. You drive on the left side of the car, from the driver's vantage point. Figure 9 indicates the right and left positions, from the sleeper's vantage point. Use this vantage point when choosing the correct elbow.

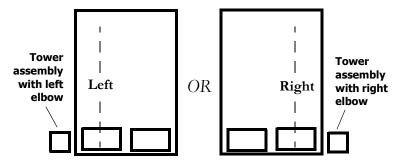


Figure 9: Right and left from the sleeper's vantage point

Table 2 lists the correct elbow choices as well.

Table 2: Correct Elbow Choices

Elbow	When to Use
Right (noted by an R sticker)	You sleep on the right side of the bed, from the sleeper's vantage point.
Left (noted by an L sticker)	You sleep on the left side of the bed, from the sleeper's vantage point.

Slide on the PureNight™ Sleeve

 Slip the open end of the PureNight[™] sleeve onto the PureNight[™] arm with the seam positioned in the middle on the covered side of the arm, as shown in Figure 10.

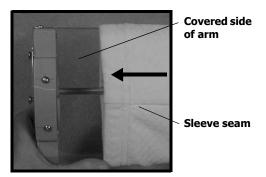


Figure 10: Correct sleeve-seam placement

2. Slide the sleeve onto the arm until the sleeve reaches 2 inches from the end of the arm.

Connect the PureNight™ Arm and Elbow

 Position the three arm screws so that the screws align with the three-hole locking mechanism on the elbow. Slide the screws down into the holes, shown in Figure 11, until the arm snaps into place.

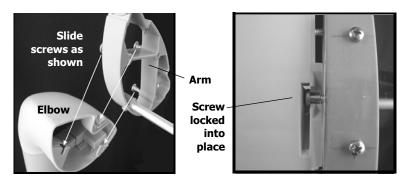


Figure 11: Arm/elbow connection

2. Pull the PureNight[™] sleeve over the arm/elbow connection to conceal the gap, as shown in Figure 12.

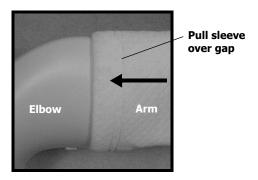


Figure 12: Correct sleeve positioning

Connect the Elbow and Tower

Slide the arm/elbow assembly into the top of the tower, as shown in Figure 13.

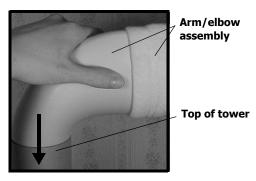


Figure 13: Arm/elbow/tower connection



Do not attempt to turn the elbow once it is in position.

Adjust the Horizontal Level of the PureNight™ Arm

 Find the PureNight[™] arm adjustment switch on the underside of the elbow, as shown in Figure 14.

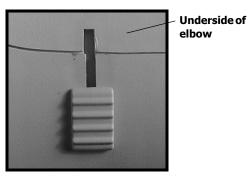


Figure 14: Arm adjustment switch

2. Lift the arm as you slide the switch with your thumb, as shown in Figure 15.

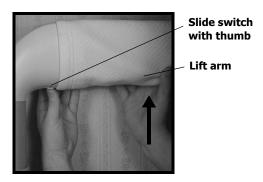


Figure 15: Correct arm adjustment technique

3. Release the switch when the arm is parallel to your mattress.

Adjust the PureNight™ Arm Height

Measure the height position of the PureNight[™] arm. The bottom of the arm should be 18–20 inches from the top of your mattress. If the height of the arm is incorrect, follow these steps:

1. Find the height adjustment button on the back of the tower, as shown in Figure 16.

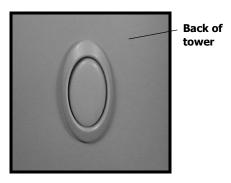


Figure 16: Height adjustment button

- 2. Press the button as you raise or lower the tower assembly.
- 3. Remeasure to ensure the bottom of the arm is 18–20 inches from the top of your mattress. Repeat steps 1–3 if necessary.

System Operation

You are now ready to operate your PureNight TM air filtration system.

Turn the System On

- 1. Place the foot switch on the floor next to your bed, away from possible damage.
- 2. Tuck the foot switch cable beneath your bed.

A Note

Do not place the foot switch on a nightstand or any other raised surface. The foot switch could fall and break.

3. Press down on top of the foot switch (Figure 17) to turn the system on and select the fan speed, which is indicated by a green LED light. We recommend low speed for nighttime use and high speed for daytime use.

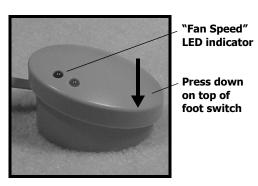


Figure 17: Foot switch

14 / System Operation

Table 3 describes the "Fan Speed" LED indicator as it relates to the recommended fan speed. This information is also printed on the bottom of the foot switch for easy reference.

Table 3: "Fan Speed" LED Indicator

LED Indicator	Fan Speed
Not illuminated	System is off
Dim green illumination	Low fan speed, recommended for nighttime use
Bright green illumination	High fan speed, recom- mended for daytime use

A Caution

If you experience a problem with the fan, do not attempt to open the fan housing or repair the fan. Instead, refer to "Troubleshooting" on page 20.

The foot switch also contains a "Change Filter" LED indicator, as shown in Figure 18. The light flashes amber when the pre-filter needs to be changed. The light flashes red when the HEPA filter needs to be changed.

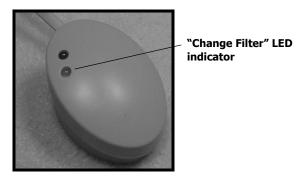


Figure 18: "Change Filter" LED indicator

Table 4 describes the "Change Filter" LED indicator as it relates to changing the filters.

Table 4: "Change Filter" LED Indicator

LED Indicator	What to Do
Flashing amber	Change the pre-filter
Flashing red	Change the HEPA filter

See "Change the Pre-Filter" on page 17 and "Replace the HEPA Filter" on page 18 for more information.

Use Day and Night

Your system is designed to operate with the PureNight[™] arm attached for nighttime use. For daytime use, we recommend you operate your system with either the arm attached or with the tower cap in place of the arm. See "Store the System" on page 16 for more information.

A Caution

Do not place objects on top of the PureNight™ arm or lean against the arm while it is attached.

Turn the System Off

Press the button on the foot switch so that the "Fan Speed" LED indicator is not illuminated.

Store the System

If you choose to store (or operate) your system without the PureNightTM arm attached, follow the instructions below.

- 1. Lift the arm/elbow assembly out of the top of the tower.
- 2. Place the arm/elbow assembly in safe place, away from possible damage.
- 3. Slide the tower cap into the top of the tower, as shown in Figure 19.

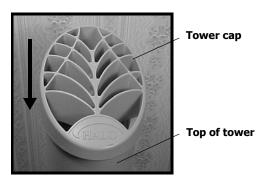


Figure 19: Correct tower cap placement

Maintenance

Follow these instructions to properly maintain the components of your PureNightTM air filtration system.

Change the Pre-Filter

Although environments vary, we recommend changing the pre-filter after every 3 months of continuous low-speed use. The light on the "Change Filter" LED indicator (on the foot switch) flashes amber when the pre-filter needs replacement.

Follow these steps to change the pre-filter.

- 1. Using both hands, push in the tabs on each side of the filter cover. Remove the filter cover from the central filtration unit.
- 2. Detach the used pre-filter from the HEPA filter. Carefully pull the pre-filter from the Velcro® tabs on each corner of the HEPA filter, as shown in Figure 20.

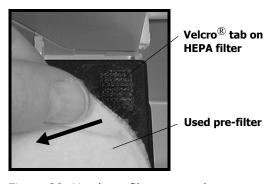


Figure 20: Used pre-filter removal

- 3. Discard the used pre-filter.
- 4. Using a vacuum brush tool, gently remove dust and dirt from the inside of the central filtration unit.
- 5. Lay one new pre-filter onto the HEPA filter.

- 6. Gently press the pre-filter against the Velcro® tabs in each corner and side of the HEPA filter.
- 7. Replace the filter cover on the central filtration unit.
- 8. **IMPORTANT:** Press down on the top of the foot switch and hold for 5 seconds to reset the "Change Filter" LED indicator.

Replace the HEPA Filter

Although environments vary, we recommend replacing the HEPA filter after every 12 months of continuous low-speed use. The light on the "Change Filter" LED indicator (on the foot switch) flashes red when the HEPA filter needs replacement.

Follow these steps to change the HEPA filter.

- 1. Order a new HEPA filter. See "Replacement Parts" on page 23 for ordering information. Ordering information is also printed on the side of the filter for easy reference.
- 2. Using both hands, push in the tabs on each side of the filter cover. Remove the filter cover from the central filtration unit.
- 3. Discard the used HEPA filter and the used pre-filter.
- 4. Remove the plastic from the new HEPA filter.
- 5. Snap the new HEPA filter into the filter housing.
- 6. Attach a new pre-filter. See "Change the Pre-Filter" on page 17 for more information.
- 7. Replace the filter cover on the central filtration unit.
- 8. **IMPORTANT:** Press down on the top of the foot switch and hold for 5 seconds to reset the "Change Filter" LED indicator.

Routine Cleaning

Table 5 shows the recommended methods for cleaning your PureNight $^{\text{TM}}$ air filtration system components.

Table 5: Cleaning Recommendations

Component	Cleaning Recommendation
Central filtration unit	Wipe with a damp cloth.
The air-inlet grill on the central filtration unit	With the system turned off, use the brush tool on your vacuum cleaner to gently clear away dust and dirt.
PureNight [™] sleeve (on PureNight [™] arm)	The sleeve is made of polyester material. Machine wash in warm water with like colors. Tumble dry low.
Tower	Wipe with a damp cloth.
Acoustic tube	If an object is dropped into the tower assembly, the object will likely fall into the acoustic tube. Remove the acoustic tube from the tower base to clear out the object. Then, reattach the acoustic tube.
Fabric cover (on acoustic tube)	The cover is made of polyester material. Machine wash in warm water with like colors. Tumble dry low.

Troubleshooting

Problem	Solution
The fan runs, but there is no airflow.	Make sure you removed the plastic wrap from the HEPA filter.
	If the acoustic tube has disengaged, reattach the tube.
	Examine the acoustic tube and tower for foreign objects that may be blocking airflow. Detach the tube, remove the objects, and reattach the tube.
	Check the airflow inlet on the central filtration unit.
The fan motor does not run.	Make sure the electrical outlet has power.
	Ensure the central filtration unit is connected to the power supply and the foot switch to the central filtration unit.
	Turn the system on.
The "Fan Speed" LED indicator on the foot switch is illuminated, but the fan does not run.	The fan needs to be replaced. See "Warranty Information" on page 24 for more informa- tion.

If you still experience a problem with your system, please call Halo customer service at 1-888-676-5705. Business hours are Monday through Friday, 8:00 am to 5:00 pm CST. You can also email us at customerservice@purenight.com.

Frequently Asked Questions

Question	Answer
The central filtration unit does not fit underneath my bed. What should I do?	We recommend that you insert risers under each bed post to raise your bed frame until the unit fits beneath your bed. If the unit still does not fit beneath your bed, you can position the unit on its side, on a level surface next to your bed.
How much energy does the system use?	You can operate your system every night for 1 year for less than \$7.00 (\$0.10/kwh).
Will the system work at an optimum level over my kingsized bed?	Yes. The system is designed for a single user on any size bed. We recommend you purchase an additional system for a second user, regardless of the bed size.
What if I normally sleep in the middle of the bed?	We recommend you adjust your sleeping position toward the right or left side of the bed to achieve the optimum results.

22 / Frequently Asked Questions

Question	Answer
Can I run the system continuously, day and night?	Yes. The system is designed to operate with the PureNight [™] arm attached for nighttime use. During the day, you should either operate the system with the arm attached or with the tower cap in place of the arm.
How long will my system last?	The fan motor and central filtration unit are rated for 50,000 hours of continuous operation.
When should I change the pre-filter?	We recommend changing the pre-filter after every 3 months of continuous low-speed use. The light on the "Change Filter" LED indicator flashes amber when the pre-filter needs to be changed. Your system is initially delivered with a pre-filter refill pack that contains four pre-filters, one for initial use and
	three for replacement.
When should I replace the HEPA filter?	We recommend replacing the HEPA filter after every 12 months of continuous low-speed use. The light on the "Change Filter" LED indicator flashes red when the HEPA filter needs to be changed.

Replacement Parts

To order replacement parts for your PureNight[™] air filtration system, call 1-888-676-5705. Business hours are Monday through Friday, 8:00 am to 5:00 pm CST. Or, you can order online at www.purenight.com. Not all replacement parts are available online.

Item Description	UPC Code	Part #
PureNight [™] system (full)	818771001900	190
Central filtration unit (without filters)	818771001917	191
Pre-filter refill pack (pack of 4)	818771001924	192
HEPA filter	818771001931	193
Filter cover	818771001948	194
Acoustic tube	818771001955	195
Tower assembly (tower, base, legs)	818771001962	196
Left elbow	818771001979	197
Right elbow	818771001986	198
PureNight [™] arm	818771001993	199
PureNight [™] sleeve	818771002006	200
Power supply	818771002013	201
Foot switch	818771002020	202
Tower cap	818771002037	203
Legs for tower base (pair)	818771002044	204
User guide	818771002051	205
Fabric cover for acoustic tube	818771002068	206

Warranty Information

Please complete the warranty card, beginning on page 27, to ensure warranty coverage on your PureNightTM air filtration system, as described below.

5-Year Limited Warranty

Halo Innovations, Inc. fully warrants that your PureNight[™] air filtration system will be free from defects in materials and workmanship for a period of 1 year from the original purchase date. After this initial year, we will provide a limited warranty for your system for an additional 4 years.

What is not covered:

- Conditions arising from normal wear and tear
- Damage from tampering with or opening sealed components
- Damage from misuse or abuse of the warranted product or component
- Damage from laundering or dry cleaning
- Damage from electrical spikes or surges
- Filters
- Acts of God, such as, but not limited to, lightning damage

What you must do:

- Contact our customer service department at 1-888-676-5705 to obtain a Return Authorization.
- Send the warranted product or component to Halo
 Innovations, Inc., along with a dated copy of your purchase
 receipt. We will incur the cost of return shipping up to 1
 year from the original purchase date. For the remaining 4
 years of the limited warranty, return shipping shall be at the
 customer's expense.

What we will do:

- At our option, if within 1 year from date of purchase, we will repair or replace the defective product or component at no charge.
- At our option, if more than 1 year, but less than 5 years from date of purchase, we will either repair or replace the defective product or component for a pro-rated fee, based on current replacement costs.
- We reserve the right to substitute products or components of equal or greater quality and to use or deliver refurbished products or components in the repair or replacement of any component under this warranty.

What voids this warranty:

- Tampering with or opening sealed components of the warranted product or component
- Misuse or abuse of the warranted product or component
- Sale, transfer, or other disposal of the warranted product or component

Limitations:

- Your exclusive remedy, IN LIEU OF ALL INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES, INCLUDING NEGLIGENCE, is limited to repair or replacement of any product or component deemed to be defective under the terms and conditions stated herein. Halo Innovations, Inc. will bear no other damages or expenses.
- This limited warranty applies only to the product as used in the United Sates and Canada. It is not applicable in U.S. territories or in other countries.
- This limited warranty in non-transferable.
- Repair or replacement of a product or component under the terms of this limited warranty in no way lengthens the limited warranty period.

26 / Warranty Information

 ANY IMPLIED WARRANTIES APPLICABLE TO THIS PRODUCT, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICU-LAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THIS WRITTEN LIMITED WARRANTY

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the limitations listed 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. All claims relating to this limited warranty should be made by contacting customer service by phone at 1-888-676-5705, by email at customerservice@purenight.com, or by mail at:

Halo Innovations, Inc. Customer Service 15098 23rd Avenue North Minneapolis, MN 55447

PureNight[™] Air Filtration System Warranty Card

Please complete this form, cut it out, and mail it to:
Halo Innovations, Inc. 15098 23rd Avenue North Minneapolis, MN 55447
Name:
Address:
City/state or province:
Zip or postal code:
Country:
Phone:
Email:
 Date of purchase:

28 / PureNight™ Air Filtration System Warranty Card

4.	Would you like to hear about special offers from Halo Innovations, Inc. in the future?
	Yes No, thank you
5.	If so, what is the best method and time to contact you?
6.	We continually strive to improve our products. Your feedback is an important part of this goal. May we contact you in the future to obtain your opinion about the PureNight [™] air filtration system?
	Yes No, thank you

Halo is a registered trademark of Halo Innovations, Inc. PureNight is a trademark of Halo Innovations, Inc. Velcro is a registered trademark of Velcro Industries, LLC.

©2005 Halo Innovations, Inc. All rights reserved Printed in the USA

Statement of FCC Compliance, Model: 190

WARNING: Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

This equipment has been tested and found to comply with the limits for a ClassB 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 communications. 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 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/TV technician for assistance

HALO® PureNight™ Pure Air Sleep System

Halo Innovations, Inc. 15098 23rd Avenue North Minneapolis, MN 55447 1-888-676-5705 www.purenight.com

©2005 Halo Innovations, Inc.