

Owners Manual



Prime Air
manufactured
by

KaBen Company

Manufactured and distributed by:

KaBen Company

Box 2345

Winkler, MB R6W 4C1 Canada

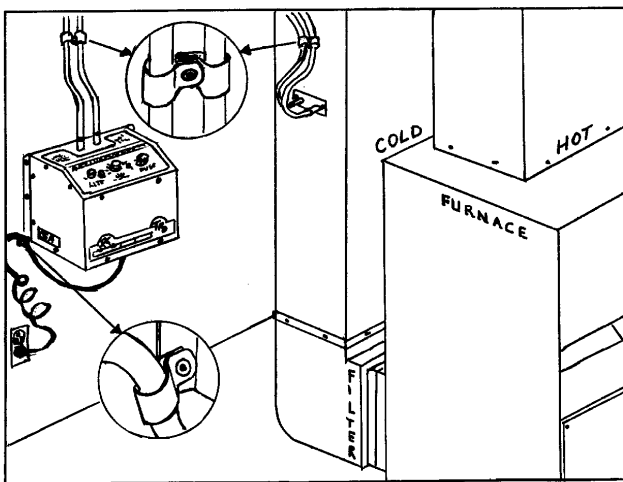
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Installation of the Prime Air

- 1) Find a suitable location, near a 120V power outlet and the cold air return plenum.
- 2) Unit is supplied with a 7' power cord and 8' color coded tubing (blue and red).
- 3) Mount the Prime Air securely to wall (or plywood base-plate) in an upright position using 6 screws *Do not lay flat to operate. Unit contains pressure sensitive control.
- 4) Use the lower LH or RH screw location to secure the power cord to the unit using a C-Clip as shown below. Plug cord into unit receptacle to adjust for proper length.
- 5) Drill 2 of 5/16" holes 2" apart in the cold air plenum.
- 6) Insert the plate and secure plate with 2 screws.
- 7) Connect the blue and red tubing to the unit, then route to duct fitting. Follow color coded instructions.
- 8) Install C-Clips to hold tubing in place as shown below.
- 9) Plug cord into electrical outlet on wall.
- 10) Unit must be turned "on" to run in concert with furnace.
- 11) If unit does not operate, check troubleshooting guide.



**Follow power control adjustment instructions for safe levels of ozone concentrations.

*Thank You
for choosing this
Quality Product
From the
KaBen Company*

*We hope that you
Enjoy the Fresh,
Clean Air!*



Limited Warranty

KaBen Company (KBC) agrees to repair or replace without charge, any equipment, parts, or accessories which are defective as to workmanship or material provided that:

- a) Unit is operated according to operating instructions.
- b) Proper maintenance requirements have been followed.
- c) Notice of the claimed defect is reported to *KBC* within two (2) years from date of purchase.
- d) The unit is returned to *KBC* along with proof of purchase, transportation prepaid.
- e) *KBC* is satisfied that the claimed defects are traceable to original materials or workmanship.

Caution:

1) Unit contains an integral glass component and also a pressure sensitive switching device. **DO NOT DROP.** Glass warranty is limited to normal use only and manufacturers defects.

2) Failure of the equipment to operate in a normal and proper manner due to exposure to any environmental condition in excess of the equipment specification shall not be deemed a defect. **DO NOT OPERATE** the Prime Air unit during or immediately after painting your home interior. This unit is not intended for use in high concentrations of paint fumes. When painting your home interior ventilate properly by opening windows or doors and setting up fans to remove paint fumes. If you use the furnace fan to circulate air you **MUST** turn the Prime Air's switch to "off" to prevent its operation for approximately 3 days.

This warranty is void if equipment is altered or repaired by other than *KBC* or its trained service personnel.

In no event shall *KBC* be held liable for any loss, damage, or expense directly or indirectly, consequential or incidental, arising from the use, or misuse, of *KBC* products; or for any inability to use *KBC* products either separately or in combination with other equipment or materials, and no representation other than set forth above shall be binding upon *KBC* with respect to the use of its products.

The Prime Air Treatment System

Features:	Benefits:
-Compact	Easy to Install
-Plugs into 120V Outlet	Low Power Use
-Variable Concentration Control	Easy adjustments for various conditions
-Unique Lo-Flo Ozone Reactor Tube	Zero Maintenance
-Steel construction, Powder-Coat baked on finish	Quiet Operation
	Long Lasting, Durable Unit

Specifications:

-Model #ATS-1, adjustable ozone generator.

Electrical:

-120 Volt, 60 HZ line operation
 -1 Amp 250 Volt 3AG fuse
 -Low power consumption.
 -On light indicator
 -Operates in concert with furnace "on" cycle.

Size:

12 1/2" Wide x 10 1/2" High x 7" Deep

Weight:

14 1/2 lbs.

Ozone Output:

Fully adjustable.

Warranty:

Two years, parts and labor.

Prime Air is a CSA certified product.

Troubleshooting

If the indicator light does not come on when the furnace is running please check:

- 1) Is the Unit plugged in?
- 2) Is outlet active? Test with lamp.
- 3) Is unit switched on? Turn to #3.
- 4) Is fuse OK? Switch unit off to check.
- 5) Is air sensor tube damaged, kinked or not connected?
- 6) Is furnace filter plugged? This will effect the static vacuum level required for the air sensor. To test, partially remove filter to allow for more air movement.
- 7) Is ozone being produced? To test, remove red tube from cold air duct and hold to the palm of your hand for 30 seconds. You should be able to smell ozone on your hand. **DO NOT** breathe direct output of ozone.

Guidelines to Adjusting the Ozone Concentration:

Ozone is an extremely powerful purifying and deodorizing gas. Improperly used, ozone can also be an irritant to living organisms. Responsible and prudent usage of this product is highly recommended. Using the following information carefully, will help you to maintain low and proper levels of ozone. Generally speaking, when you can smell the ozone, you have enough and when you can smell other odors (musty basement) you need more. For most homes a #3 setting of the power control will be adequate but this can vary greatly with humidity, temperature, sources of pollution and total area of your home.

Ozone has a fresh, sweet, or electrical odor at low levels but this becomes pungent and offensive at high levels. Ozone also has the capability of dulling ones sense of smell, therefore it is often best to check for ozone immediately after having been outdoors.

When first using the Prime Air, you will notice that as air pollution and contamination problems are resolved, the amount of excess ozone will increase. This is usually noticeable after 2 or 3 days of use and the power setting may then be lowered.

When there is a situation of a strong temporary odor such as smoking , cooking or chemicals, simply turn the control to a higher setting until the temporary situation is back to normal.

Odor Level	Weak	Mild	Strong	Set Power Control At:
Total Area				
2000 Sq. Ft.	1	2	3	
3000	2	3	4	
4000	3	4	5	

ONLY under extreme odor conditions or in commercial applications should the power control be used above #5. This unit is intended to be used ONLY in connection with your duct work so the ozone will be evenly distributed throughout the whole house, thereby eliminating the possibility of a high concentration of ozone in any one area.

This information is offered as a guideline only and no guarantee as to its accuracy is claimed. Factors affecting ozone output and residual amounts may include temperature, humidity, odor level, source of contamination, total area or cubic volume being treated, intermittent or continuous furnace fan cycle, and operation of an air exchanger.

KBC High Quality, a Path of Choice

We use an all steel enclosure with a baked on powder coat finish resulting in strength, durability and long life. Using steel also benefits air quality when compared to the off-gassing of harmful chemicals as found in wood composites or plastic products. Of course steel is also fire proof, giving you additional peace of mind and safety.

All our components are constructed of highest quality materials. With this confidence in quality and our unique Lo-Flo Reactor design, we offer a 2 year No Cost warranty.

Your unit has been designed to be maintenance free. After approximately 2 years it is recommended that you change the pump filter on the bottom of the unit. Use tweezers to remove it and push in the new filter.

Electrical Safety Precautions

DO NOT use an extension cord, unless it is a good quality 3-prong type. Electrical shock hazard exists when using a 2-prong cord. The Duct Doctor unit MUST use the ground terminal for safety.

DO NOT attempt to open the unit. There are no consumer serviceable parts. High Voltage and/or capacitive shock hazard exists

FOR YOUR RECORDS, PLEASE COMPLETE
FOR KBC RECORDS, PLEASE COMPLETE AND MAIL
ENCLOSED WARRANTY REGISTRATION CARD.

MODEL ATS-1	PRIME AIR
PURCHASE DATE	
CUSTOMER NAME	
ADDRESS	
DEALER NAME	
ADDRESS	
PHONE #	