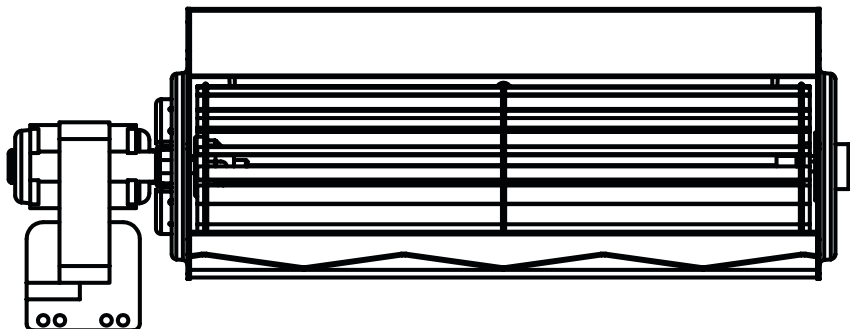




Zero Clearance Blower

MODEL #: ZCB100



IMPORTANT INSTRUCTIONS

PLEASE READ THIS MANUAL BEFORE INSTALLING AND USING APPLIANCE



WARNING: IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE.



WARNING: THIS PRODUCT IS ONLY FOR USE WITH MODELS SPECIFIED IN THIS MANUAL BY THE MANUFACTURER. ANY OTHER USAGE OR INSTALLATION NOT SPECIFIED IN THIS MANUAL IS PROHIBITED.

⚠ WARNING

This Product can expose you to chemicals including Diisononyl phthalate (DINP) which is known to the State of California to cause cancer and Di-isodecyl phthalates (DIDP) which is known to the State of California to cause developmental harm.

For more information go to www.p65Warnings.ca.gov

**INSTALLER: Leave this manual with the appliance.
CONSUMER: Retain this manual for future reference.**

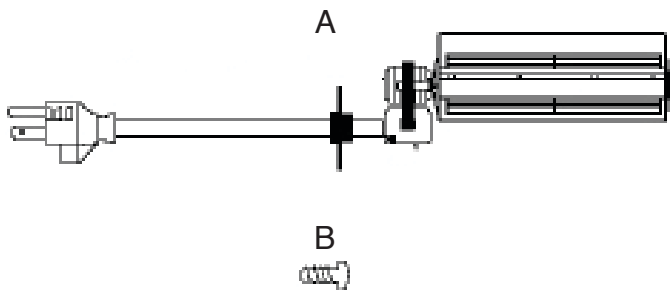


Questions, problems, missing parts?

Before returning to your retailer, call our call our customer service department at 1-877-447-4768, 8:30 a.m. – 4:30 p.m., CST, Monday – Friday or email us at customerservice@ghpgroupinc.com.

PACKAGE CONTENTS

Before beginning assembly of product, make sure all parts are present. Compare parts with package contents list and diagram under. If any part is missing or damaged, do not attempt to assemble, install or operate the product. Contact our Technical Service Department at 1-877-447-4768.



PARTS LIST

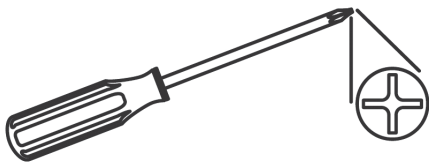
REF #	PART #	DESCRIPTION	QUANTITY
A	XB002-01Q	Blower	1
B	M4.2×8	Screw	4

PREPARATION

Before beginning assembly of product, make sure all parts are present. Compare parts with package contents list and hardware contents above. If any part is missing or damaged, do not attempt to assemble the product. Contact customer service for replacement parts.

Estimated Assembly Time: 15 minutes

Tools Required for Assembly: Phillips screwdriver (not included).



⚠ WARNING: This appliance is equipped with a three-prong (grounding) plug for your protection against shock hazard and must be plugged directly into a properly grounded three-prong receptacle.

1. Read all instructions before using this appliance.
2. If possible always unplug this appliance when not in use.
3. Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, has been dropped or damaged in any manner.
4. Under no circumstances should this appliance be modified. Parts having to be removed for servicing must be replaced prior to operating this appliance again.
5. Do not use outdoors.
6. Do not run the cord under carpeting. Do not cover the cord with throw rugs, runners or the like. Arrange cord away from traffic areas and where it will not be tripped over.
7. To disconnect this appliance, make sure the log set is off and then remove plug from outlet.
8. Connect to properly grounded outlets only.
9. This appliance, when installed, must be electrically grounded in accordance with local codes, with the current USA installations, or in the absence of local codes, the National Electric Code, ANSI/NFPA No. 70.
10. Use this appliance only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
11. Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc.

PLEASANT HEARTH ZERO CLEARANCE FIREBOX BLOWER INSTALLATION INSTRUCTIONS

NOTE: If you are installing the zero clearance blower on models PHZCI28NG, PHZCI28LP, PHZCI32NG, PHZCI32LP, please proceed to page 5.

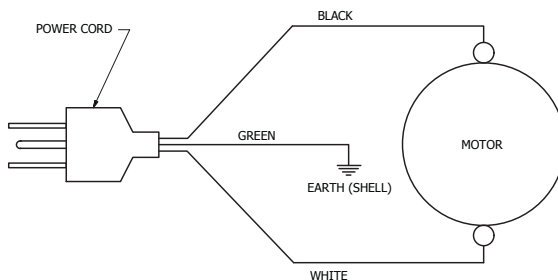
NOTE: If you are installing the zero clearance blower on PHZC32C, PHZC36C, and PHZC42C models, refer to the installation instructions provided with the kit for electrical wiring requirements, or the blower installation section. The firebox **must** be connected to a main power supply at the time of the firebox installation. The electrical connections must be made before the firebox is framed and enclosed in the finished walls. For the most convenient installation, install the blower PRIOR to the installation of the vent-free heater. As long as electrical connections have been installed at the time of the firebox installation, the blower can be installed later. Please refer to your firebox owners manual for more information about the electrical connection.

NOTE: If an electrical connection has NOT been installed in the firebox, the blower CANNOT be installed.

⚠ WARNING!

Electrical connections should only be performed by a qualified, licensed electrician. Main power must be off when connecting to the main electrical power supply or performing service.

The blower, when installed, must be electrically grounded in accordance with local codes or in the absence of local codes, with the National Electrical Code ANSI/NFPA 70.



IF ANY ORIGINAL WIRING SUPPLIED WITH THIS HEATER MUST BE REPLACED, IT MUST BE TYPE AWG 10SC WIRE OR ITS EQUIVALENT EXCEPT AS INDICATED.

Blower Installation Instructions:

1. Lower the bottom grill assembly and remove the blower mounting bracket attached to the inner back wall of the firebox with a #2 phillips screw driver.
2. Attach the blower to the bracket with the (4) sheet metal screws included in the blower kit as shown in Figure 15.
3. Re-install the bracket insuring the blower outlet is pointed upward.
4. Plug in the cord to the properly grounded 3-prong receptacle.

Electrical Box: (Electricity and outlet must be installed prior to installing the blower. Installing a single pole switch is recommended.) Plug blower in here

(4) Sheet Metal Screws
(Included in Blower Kit)

ZCB100 Blower Kit

(4) #8 Sheet Metal Screws

PHZC32C, PHZC36C, or
PHZC42C zero clearance firebox

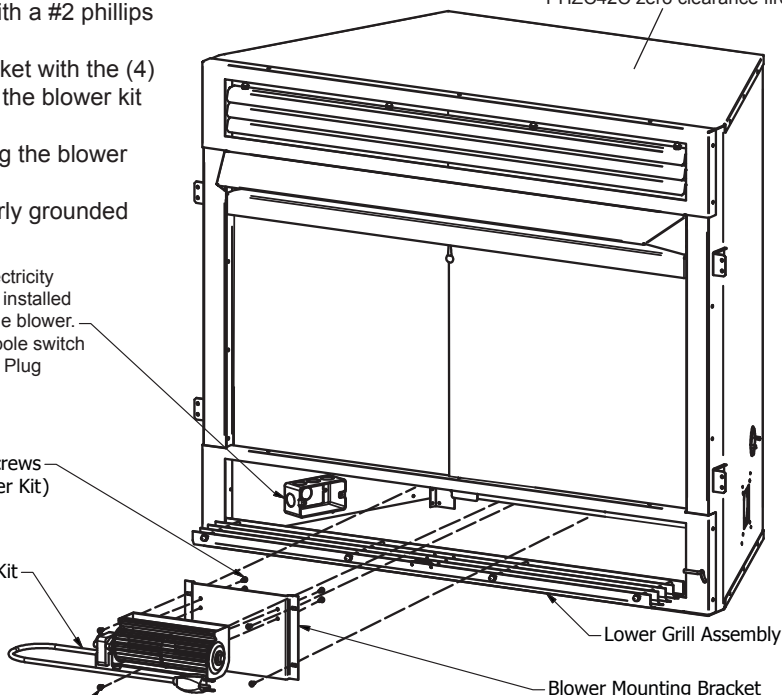


Figure 15 - Blower Installation

⚠ WARNING!

Never use an extension cord to power the blower.

PLEASANT HEARTH GAS FIREPLACE INSERT BLOWER INSTALLATION INSTRUCTIONS

If you are installing the zero clearance blower on models: PHZCI28LP / PHZCI28NG / PHZCI32LP / PHZCI32NG, please follow the instructions below.

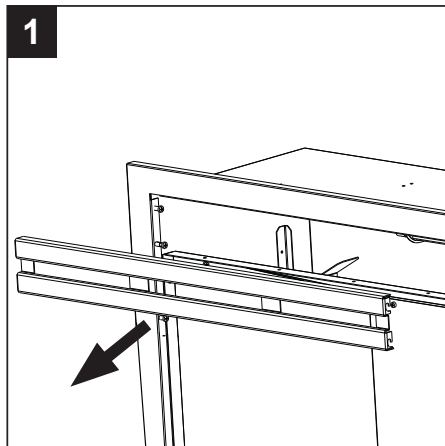
NOTE: The firebox must be connected to a main power supply at the time of the firebox installation. If an electrical connection has not been installed in the firebox, the blower will NOT be able to be installed. Please refer to your firebox owners manual for more information about the electrical connection.

NOTE: If any of the original wire as supplied with the appliance must be replaced, it must be replaced with a wire of at least an equal temperature rating.

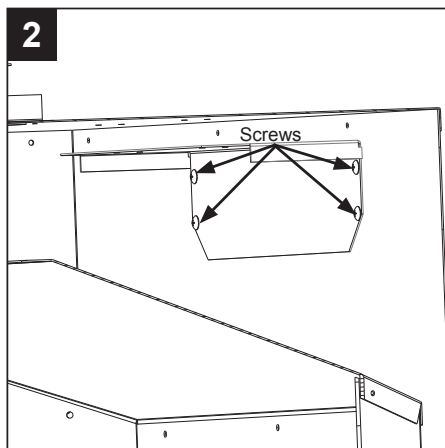
⚠ CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

NOTE: If an electrical connection has NOT been installed in the firebox, the blower CANNOT be installed.

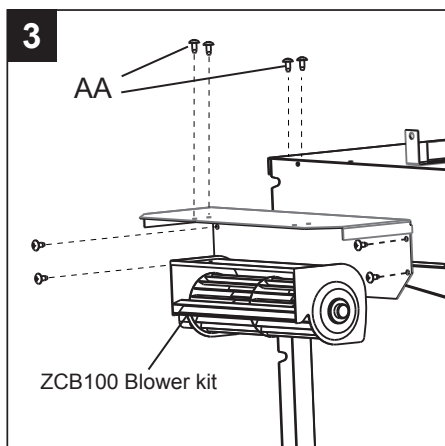
1. Remove top grill (if frame is not already removed).



2. Remove bracket from top vent by unscrewing x4 screws. Set these screws aside to use again later.



3. Assemble the zero clearance blower and the removed bracket together by screwing x4 screws into the top of the bracket.



Hardware Used



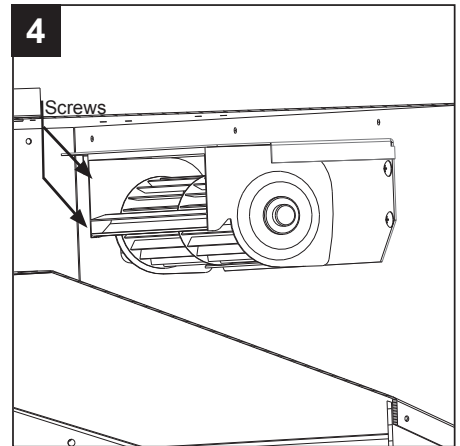
M4. 2x8 Screws



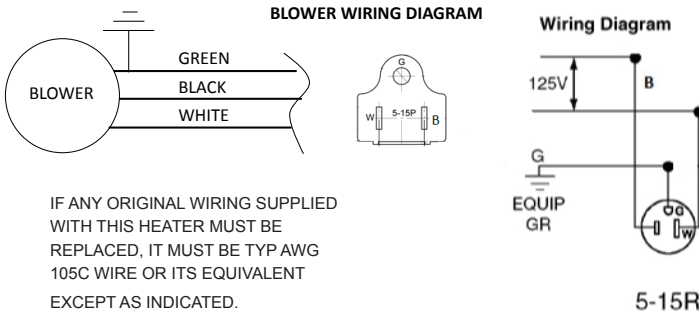
x 4

INSTALLATION

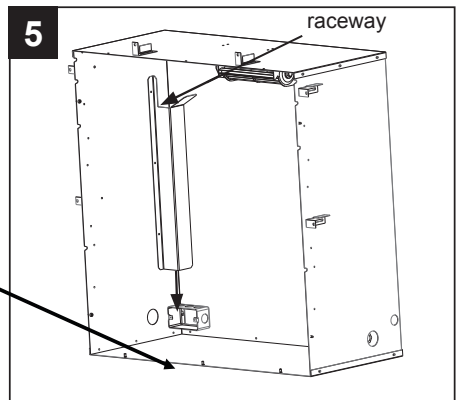
4. Reinsert the blower and bracket assembly into the top vent and screw in the 4 previously removed screws into the back of the fireplace cabinet.



5. Route the blower cord through the race way. Electrical Box: (Electricity and outlet must be installed prior to installing the blower. Installing a single pole switch is recommended.) Plug blower in here.

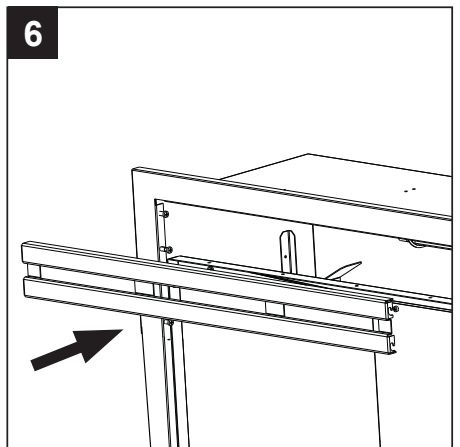


IF ANY ORIGINAL WIRING SUPPLIED WITH THIS HEATER MUST BE REPLACED, IT MUST BE TYP AWG 105C WIRE OR ITS EQUIVALENT EXCEPT AS INDICATED.



Install a NEMA 5-15R receptacle for power supply

6. Reassemble top grill (if frame is not already removed).




FOR ALL FIREBOXES: PHZC32C, PHZC36C, PHZC42C or PHZCI28LP, PHZCI28NG, PHZCI32LP, PHZCI32NG:

7. To use the blower, plug it in. If you've installed a single pole switch, flip the switch to turn it on. If you don't have the switch, as soon as it is plugged in, it will begin to blow.

8. To shut off the blower, flip the switch to off. Or, if you don't have a switch, unplug the unit.

MAINTENANCE OF MOTORS

 **WARNING:** Make sure all power to the appliance is turned OFF before proceeding.

Always disconnect the appliance from the main power supply and allow it to cool before any servicing operation. The motor used on the blower is pre-lubricated for extended bearing life and requires no further lubrication. However, periodic cleaning/vacuuming of the appliance around the air intake and exhaust, as well as the blower is recommended. For heavy or continuous use, periodic cleaning must be done more frequently. If the heater blows alternating cold and warm air, check the blower for free movement and for debris restricting air flow. If the blower does not move freely, the unit must be turned off and the blower replaced immediately in order to prevent further damage to the unit.

Troubleshooting

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Blower is not spinning.	1. There is no power to the blower. 2. Blower motor is bad.	1. Remove and change "Replace blower" to #1. 2. Replace blower.
Blower is making a loud noise.	1. Blower housing or blades are dirty. 2. Blower rotation is blocked. 3. Defective blower.	1. Clean blower and blower housing. 2. Verify wiring is not in blower path. 3. Replace blower.

This product includes a warranty against any defect in materials and workmanship for a period of one (1) year from the date of retail sale. Contact our Consumer Warranty Dept. for more information (800) 776-9425.

Warranty

LIMITED WARRANTY:

This limited warranty is extended to the original retail purchaser of this blower and warrants against any defect in materials and workmanship for a period of one(1) years from the date of retail sale. GHP Group, Inc., at it's option, will either provide replacement parts or replace or repair the unit, when properly returned to the retailer where purchased or one of our service centers as directed by GHP Group, Inc., within one(1) years of retail purchase. (Shipping costs, labor costs, etc. are the responsibility of the purchaser.)

DUTIES OF THE OWNER:

This heating appliance must be operated in accordance with the written instructions furnished with this blower. This warranty shall not excuse the owner from properly maintaining this blower in accordance with the written instructions furnished with this blower. A bill of sale, canceled check or payment record must be kept to verify purchase date and establish warranty period. Original carton should be kept in case of warranty return of unit.

WHAT IS NOT COVERED:

1. Damage resulting from use of improper fuel.
2. Damage caused by misuse or use contrary to the owners manual and safety guidelines.
3. Damage caused by a lack of normal maintenance.
4. Use of non-standard parts or accessories.
5. Damage caused in transit. Freight charges on warranty parts or blowers to and from the factory shall be the responsibility of the owner.

This warranty does not imply or assume any responsibility for consequential damages that may result from the use, misuse, or the lack of routine maintenance of this heating appliance. A cleaning fee and the cost of parts may be charged for appliance failures resulting from lack of maintenance. This warranty does not cover claims which do not involve defective workmanship or materials. **FAILURE TO PERFORM GENERAL MAINTENANCE (INCLUDING CLEANING) WILL VOID THIS WARRANTY.**

THIS LIMITED WARRANTY IS GIVEN TO THE PURCHASER IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE. THE REMEDY PROVIDED IN THIS WARRANTY IS EXCLUSIVE AND IS GRANTED IN LIEU OF ALL OTHER REMEDIES. IN NO EVENT WILL GHP GROUP, INC. BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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

CLAIMS HANDLED AS FOLLOWS:

1. Contact your retailer and explain the problem.
2. If the retailer is unable to resolve the problem, contact our Customer Service Dept. detailing the blower model, the problem, and proof of date of purchase.
3. A representative will contact you. DO NOT RETURN THE HEATER TO GHP GROUP, INC. unless instructed by our Representative. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

TO REGISTER THE WARRANTY ON YOUR BLOWER, PLEASE FILL OUT THE CARD COMPLETELY
AND MAIL WITHIN 14 DAYS FROM DATE OF PURCHASE **OR REGISTER ONLINE AT www.ghpgroupinc.com**

NAME: _____ PHONE: () _____ EMAIL: _____

ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

MODEL: _____ SERIAL #: _____ DATE PURCHASED: _____

DEALER PURCHASED FROM: _____ TYPE OF STORE: _____

CITY & STATE WHERE PURCHASED: _____ PRICE PAID: _____

THANK YOU FOR COMPLETING THIS FORM!
Information will be held confidential.

WARRANTY REGISTRATION

IMPORTANT: We urge you to fill out your warranty registration card within fourteen (14) days of date of purchase. You can also register your warranty on the internet at www.ghpgroupinc.com. Complete the entire serial number. Retain this portion of the card for your records.



GHP Group, Inc.
6440 W Howard St
Niles, IL 60714-3302

Tel: (877) 447-4768
www.ghpgroupinc.com

SAVE THIS CARD!

Place
Postage
Stamp
Here

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