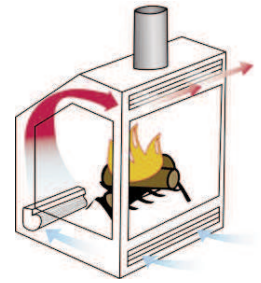




TJERNLUND PRODUCTS, INC.

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Fireplace Blowers and Controls

READ OWNERS INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION. DO NOT DESTROY.

WARNING

These units must be installed by a qualified installer in accordance with these instructions and all local codes or in their absence in accordance with the latest editions of the International Residential Code and International Electrical Code. Improper installation can create a hazardous condition such as fire, electric shock or personal injury.

To reduce these risks significantly, use this unit only in the manner intended by the manufacturer. If you have questions, contact Tjernlund Products. Always disconnect the unit from its power source before installation and servicing.

CAUTION: For general ventilation use only. Do not use to exhaust hazardous or explosive materials and vapors.

BLOWER CROSS-REFERENCE

950-3306 = FB1

950-3307 = FB2

950-3311 = FB1-Deluxe

950-3312 = FB2-Deluxe

950-3317 = HotShot

SPECIFICATION AND DIMENSIONS

FB1, FB1-Deluxe

Height	4"	Voltage	115 VAC
Width	10"	Motor RPM	1800
Depth	3"	Motor Watts	25
Operating Life	60,000 Hrs.	Motor Amps	.5 (max.)
CFM	75	Sones	1.4

FB2, FB2-Deluxe

Height	3.75"	Voltage	115 VAC
Width	15"	Motor RPM	1800
Depth	4.25"	Motor Watts	30
Operating Life	60,000 Hrs.	Motor Amps	.5 (max.)
CFM	160	Sones	1.5

HotShot

Height	3.75"	Voltage	115 VAC
Width	15.25"	Motor RPM	1800
Depth	5"	Motor Watts	30
Operating Life	60,000 Hrs.	Motor Amps	.5 (max.)
CFM	160	Sones	1.5

DESCRIPTION

The universal fireplace blowers and HotShot fireplace blower are easy to install and increase airflow from your fireplace for extra comfort. Before you begin with the installation it's a good idea to double check the measurements of the opening where the blower will be installed to make sure the unit fits in your fireplace.

These blowers can be securely mounted or just set in place. There are several mounting holes on the housing of the blower that will help you accomplish this if desired. Magnets or velcro adhesives can also be used although the effectiveness of both may be affected by the heat.

The power supply to the blower and on/off operation is better determined based on the blower model you have ordered. The FB1 and FB2 include only the blower assembly. You will need to provide a power supply for the motor and a way to operate (on/off) the blower motor.

The FB1-Deluxe, FB2-Deluxe and HotShot models include a power cord, speed control and temperature activation switch. The speed control allows the air flow of the fan to be manually adjusted by the user from 50-100%, similar to a dimmer switch. The temperature

switch can be adjusted with the turn of a screw (see below for more details). This will help you operate the blower at temperature ranges between 110-140 degrees Fahrenheit.

INSTALLATION

LOCATING THE BLOWER

Locate the blower almost all the way to the rear and center of the fireplace, leaving it about 1/4" from the back wall of the fireplace (see drawing at top right corner of page). Plug the blower cord into the blower (FAN) receptacle on the fireplace junction box (models with power cords). Wire in blowers without power cords to a power supply. Usually, this is just black wire to black wire, white to white. Use wire nuts to ensure a safe installation.

LOCATING THE THERMAL SWITCH

The included switch activates at an installer set temperature of 110F-140F and deactivates at a temperature approximately 20 degrees below that setting. Many fireplaces have a ledge, bracket or mounting hole at which the switch can be located. Alternatively, magnets can be used or the switch can be wedged. However, as long as the switch receives the necessary temperature to activate then it will operate the blower as desired. Use a flathead screw driver to adjust the temperature setting so that it activates the fan at a lower (earlier) or higher (later) temperature as needed. If desired the thermal switch or speed control can be removed from the system by removing the control and directly connecting the wires going into and out of the control.

TJERNLUND LIMITED ONE YEAR WARRANTY

Tjernlund Products, Inc. warrants to the original purchaser of this product that the product will be free from defects due to faulty material or workmanship for a period of (1) year from the date of original purchase or delivery to the original purchaser, whichever is earlier. Remedies under this warranty are limited to repairing or replacing, at our option, any product which shall, within the above stated warranty period, be returned to Tjernlund Products, Inc. at the address listed below, postage prepaid. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF, AND TJERNLUND PRODUCTS, INC. EXPRESSLY DISCLAIMS LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF THIS PRODUCT. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES AND NO AGENT IS AUTHORIZED TO ASSUME FOR US ANY LIABILITY ADDITIONAL TO THOSE SET FORTH IN THIS LIMITED WARRANTY. IMPLIED WARRANTIES ARE LIMITED TO THE STATED DURATION OF THIS LIMITED WARRANTY. Some states do not allow limitation on how long an implied warranty lasts, so that limitation may not apply to you. In addition, some states do not allow the exclusion or limitation of incidental or consequential damages, so that above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from State to State. Send all inquiries regarding warranty work to Tjernlund Products, Inc. 1601 9th Street, White Bear Lake, MN 55110-6794. Phone (651) 426-2993 • (800) 255-4208 • Fax (651) 426-9547 • Email fanmail@tjfans.com.