



Model: F-165-1 Fan
INSTALLATION AND OPERATION INSTRUCTIONS

**IF YOU CANNOT READ OR UNDERSTAND THESE INSTALLATION INSTRUCTIONS
DO NOT ATTEMPT TO INSTALL OR OPERATE**

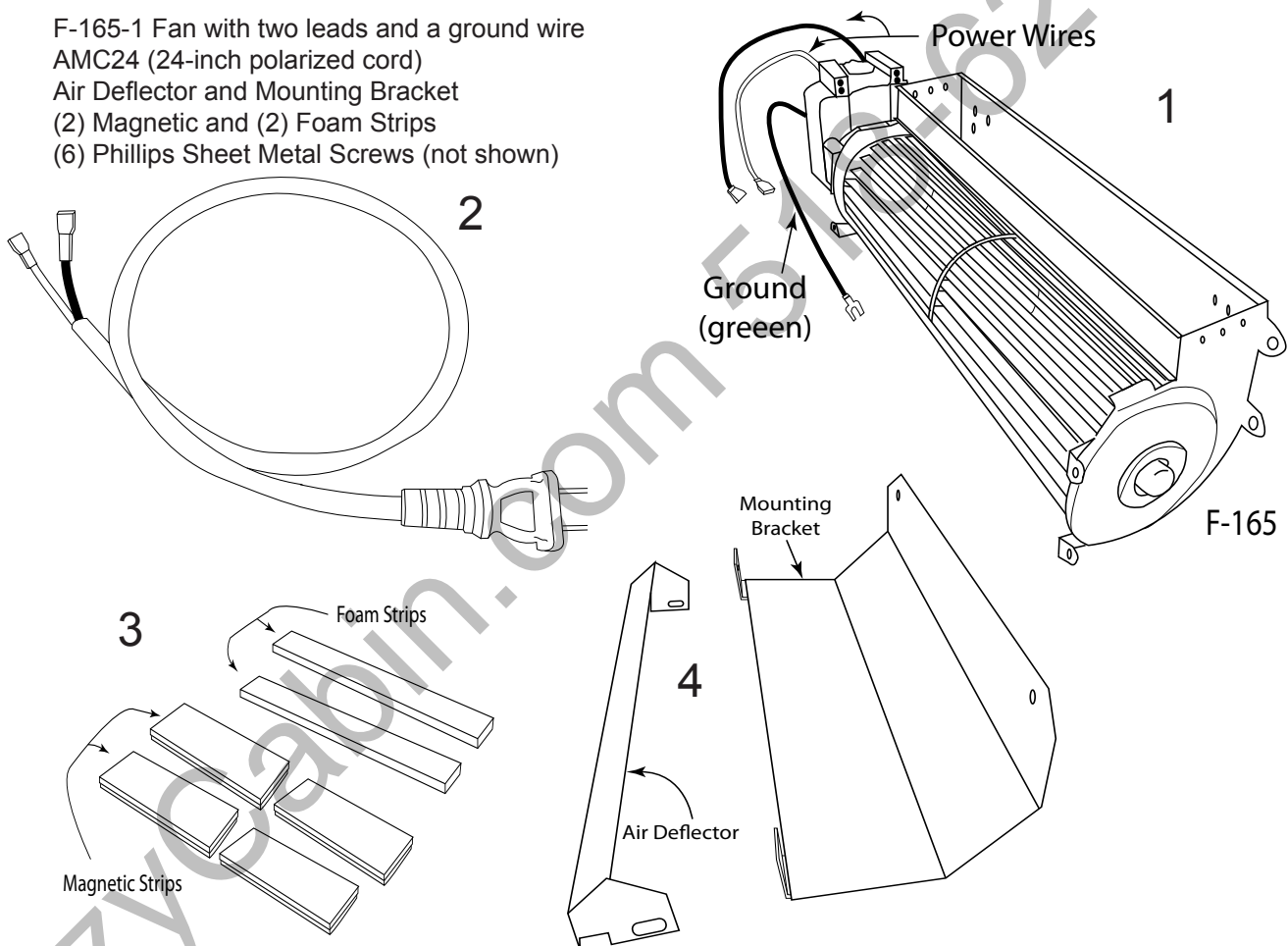
INTRODUCTION

The F-165-1 fan is designed as a retrofit or new fan kit to circulate room air through many hearth products in the industry. The F-165-1 operates on 120VAC, 60Hz power. The fan dimensions are 12-3/4" W x 4" H x 3-1/2" D.

Power must be provided through an approved factory installed junction box from the hearth product's manufacturer.

CONTENTS:

1. F-165-1 Fan with two leads and a ground wire
2. AMC24 (24-inch polarized cord)
3. Air Deflector and Mounting Bracket
4. (2) Magnetic and (2) Foam Strips
5. (6) Phillips Sheet Metal Screws (not shown)



INSTALLATION PRECAUTIONS

Please read all the instructions before proceeding with installation.

CAUTION: a qualified electrician should complete all wiring. Install following all local codes and in compliance with the National Electric Code ANSI/AFPA NO. 70 or CSA C22.1 for all of North America.

INSTALLATION

WARNING: Turn electrical power OFF at the circuit breaker before beginning installation.

1. Unplug the old fan system and remove it from the appliance.
2. If necessary secure (attach) the ACM24 wires to the F-165-1 fan by matching colors, black to black and white to white.
3. Install the new F-165-1 fan in the rear of the appliance where the previous fan was installed.

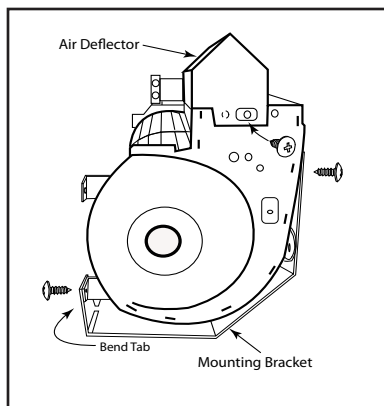


Fig. 1 Deflector installation.

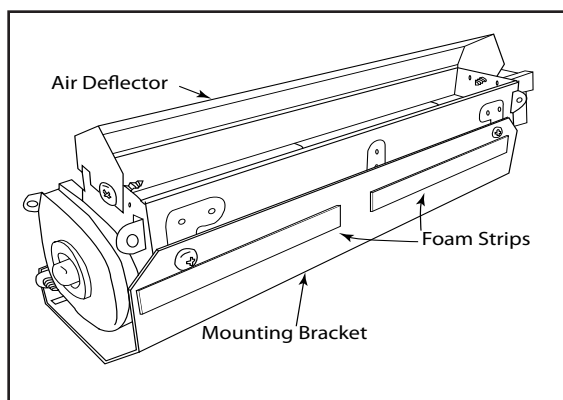


Fig. 2 Installing foam strips.

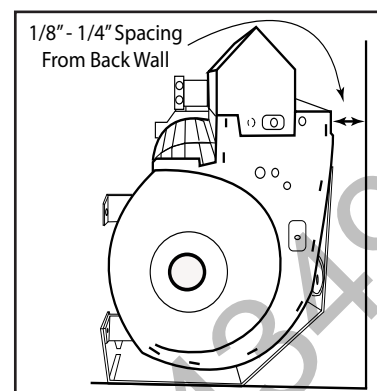


Fig. 3 Spacing from wall.

INSTALLATION

NOTE: *Novus appliances do not require the use of the air deflector.*

WARNING: *Turn electrical power OFF at the circuit breaker before beginning this installation.*

1. Unplug the old fan system and remove it from the appliance. In some cases the existing mounting bracket may be used. If not use the mounting bracket supplied with this fan kit.
2. Mount the air deflector on the F-165-1 fan. See Fig 1. The deflector sits on top of the fan as shown and secures to the middle hole of the fan on each side. **NOTE:** Some installations may not require the deflector.
3. If using the mounting bracket supplied with the F-165-1 bend the tabs as shown in Fig 1. **NOTE:** In some installations you may use the existing mounting bracket from the appliance. Secure the mounting bracket for the fan in (4) places using the supplied sheet metal screws mating to the aligned holes on the fan housing.
4. Peel the protective covering from the foam strips and place them to the mounting bracket as shown in Fig 2.
5. Cut the magnets in half using tin snips as shown on front page (part #5). Peel the protective coating from the magnets place them on the bottom of the mounting bracket as shown in Fig 4.
6. If necessary secure (attach) the ACM24 wires to the F-165-1 fan by matching colors, black to black and white to white.
7. Install the new F-165-1 fan housing in the rear of the appliance where the previous fan was installed.
8. Pull the fan housing slightly away from the back metal wall (1/8" to 1/4") of the appliance. The magnetic feet will hold to the housing in place. Fig 3
9. Attach the F-165-1 fan ground (green) wire to an accessible ground source.
10. Attach fan to existing control or power source.

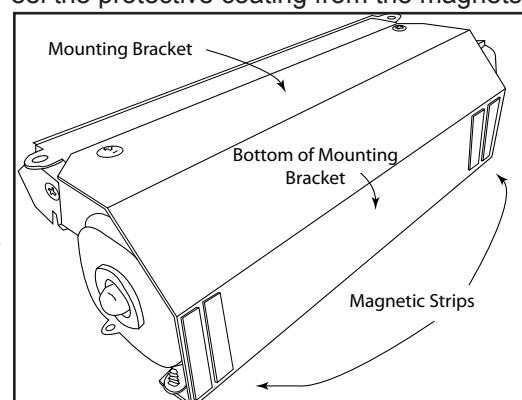


Fig. 4 Magnet placement

MAINTENANCE

Cleaning on a semi-annual basis is required to keep the warranty in place. Dust or dirt must be removed from the fan blades, air inlets and blower outlet for the fan kit to maintain the efficiency of the system. Carefully use a vacuum with a brush to remove any dust. If unable to reach fan with a vacuum remove the fan from the appliance for easier cleaning.



Recognized component according to UL 1004-1 and UL 1004-3 and CSA C22.2 No. 100-04 and CSA C22.2 No 77-95 R2004

TWO YEAR LIMITED WARRANTY

SKYTECH II warrants this fan system for two years or 24 months from the date of purchase to the original owner. This warranty is NOT transferable to another person. Should any part fail because of defective workmanship or material from the original date of purchase SKYTECH II will repair or replace the part at SKYTECH II option.

Damage to the Fan system caused by accident, misuse, abuse, or installation error, whether by a contractor, service company, or owner is not covered by this warranty. Modification of the Fan System will void the warranty.

The owner must provide a bill of sale, to verify purchase date and establish warranty period. SKYTECH II is not responsible for: Travel expenses, Diagnostic costs, and Service labor to repair the defective Fan system. Freight charges will not be covered on warranty parts or Fan systems.

This warranty does not cover claims, which do not involve defective workmanship or materials.

IN NO EVENT SHALL SKYTECH II BE LIABLE FOR INCIDENTAL AND CONSEQUENTIAL OCCURRENCES, INCLUDING THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS, ARE LIMITED TO THE DURATION OF THE THIS WRITTEN WARRANTY. THIS WARRANTY SUPERSEDES ALL OTHER ORAL OR WRITTEN WARRANTIES.

Some states do not allow the exclusion or limitation of incidental and consequential damages or limitation on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific rights and you may have other rights, which vary from state, province, and nation.

Warranty claims process will start with all information; SKYTECH II will reserve the right to physically inspect the product for defects, by authorized representatives.

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