

KFADG0101SML / KFADG0101LRG
Accessory Air Diffuser
for use with OptiClean™ Air Scrubber
Model FN1AAF

Installation Instructions

NOTE: Read the entire instruction manual before starting the installation.




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SAFETY CONSIDERATIONS

Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock, or other conditions which may cause death, personal injury or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or agency must use factory-authorized kits or accessories when modifying this product. Refer to the individual instructions packaged with kits or accessories when installing.

Follow all safety codes. Wear safety glasses, protective clothing and work gloves. Have a fire extinguisher available. Read these instructions thoroughly and follow all warnings or cautions included in literature and attached to the unit. Consult local building codes and the current editions of the National Electrical Code (NEC) NFPA 70.

In Canada, refer to the current editions of the Canadian Electrical Code CSA C22.1.

Recognize safety information. This is the safety-alert symbol . When you see this symbol on the unit and in instruction manuals, be alert to the potential for personal injury.

Understand the signal words DANGER, WARNING, and CAUTION. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which will result in severe personal injury or death. WARNING signifies hazards which could result in personal injury or death. CAUTION is used to identify unsafe practices which may result in minor personal injury or product and property damage. NOTE is used to highlight suggestions which will result in enhanced installation, reliability, or operation.

Introduction

The purpose of this kit is to add a directional-flow air diffuser to the exhaust opening of the OptiClean™ Air Scrubber.

Description and Usage

The Accessory Air Diffuser consists of:

- pre-assembled diffuser with internal 1" foil-faced insulation
- hardware bag with self-tapping screws and instructions.

Part Number	Use With Scrubber Model	Carton Dimensions – in.
KFADG0101SML	FN1AAF005 FN1AAF006	17.875 x 11.625 x 20.25
KFADG0101LRG	FN1AAF015	26 x 21 x 13

WARNING

ELECTRICAL OPERATION HAZARD

Failure to follow this warning result in personal injury or death. Before installing or servicing unit, always turn off all power to unit. There may be more than 1 disconnect switch.

WARNING

MOVING PARTS & SHARP EDGES HAZARD

Failure to follow this warning could result in personal injury. Wear gloves when handling. Keep hands and face away. Do not place objects on top of the discharge plenum. Avoid rotating blower wheel, which can cause serious injury. Do not allow unsupervised children to play near the unit.

CAUTION

CUT HAZARD

Failure to follow this caution may result in personal injury. Sheet metal parts may have sharp edges or burrs. Use care and wear appropriate protective clothing, safety glasses and gloves when handling parts.

Installation

1. Turn off all electrical supply to the unit.
2. Remove the assembled diffuser and hardware bag from the carton.
3. If the factory supplied duct transition has been installed on the unit's exhaust opening, remove and store or discard. Only a duct transition **or** a diffuser should be installed.
4. Position the diffuser over the unit's exhaust opening flanges.
5. Attach the diffuser to the flanges with the provided hardware.
6. Restore power to the unit.

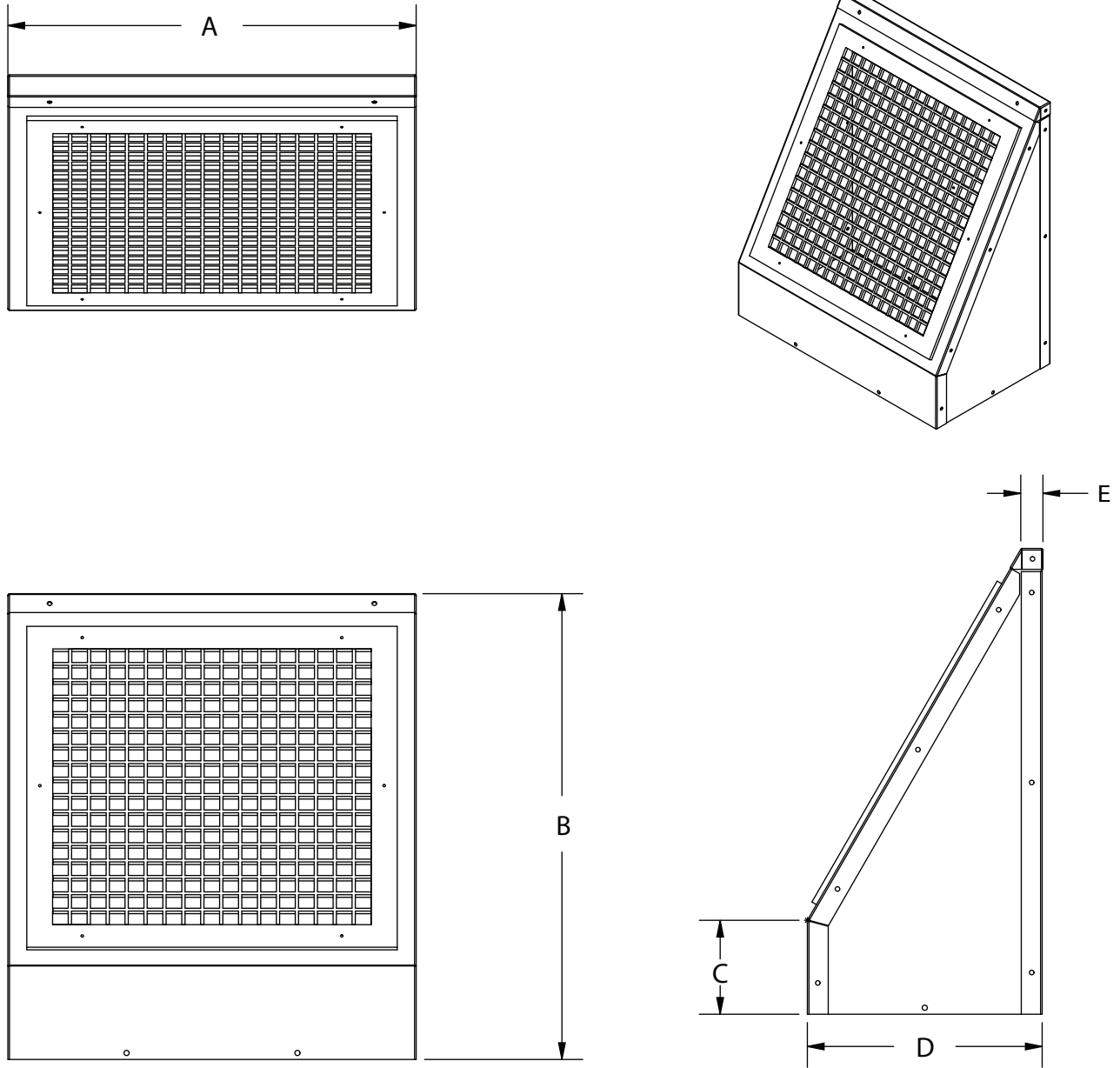


Fig. 1 – Dimensions (KFADG0101LRG shown)

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Table 1 – Dimensions — in. (mm)

Model	A	B	C	D	E	Outlet Grille Size
KFADG0101SML	16.04 (407)	17.44 (443)	3.50 (89)	11.21 (285)	3.28 (83)	12 x 8 (305 x 203)
KFADG0101LRG	19.56 (497)	22.32 (567)	4.50 (114)	11.25 (286)	1.06 (27)	16 x 16 (406 x 406)