



Installation Instructions

Part No.: 30GT911024 (60 Hz)
30GT911025 (50 Hz)

SAFETY CONSIDERATIONS

When installing this accessory, observe precautions in the literature and on any labels attached to the equipment, and all other safety precautions that may apply.

- Follow all safety codes.
- Wear safety glasses and work gloves.
- Use care in handling and installing this accessory.

⚠ WARNING

To avoid the possibility of electrical shock, open and tag all disconnects before installing this equipment. Failure to do so could result in severe personal injury.

INTRODUCTION

The accessory sound reduction kit is a specially designed system of fans and acoustic enclosures for reducing system noise without compromising unit performance. No fan motor change is required, and the system is compatible with the Motormaster® control. The accessory kit contains enough parts to convert 2 fans.

Depending on the unit size and number of fans it contains, a minimum of 2 to a maximum of 12 kits may be required to modify the unit. See Table 1 for the number of kits required for each unit.

INSTALLATION

Step 1 — Inspect the contents of each package for any missing or damaged parts. File a claim with the shipping company

if any item is missing or damaged, and notify your Carrier representative.

Step 2 — Turn off power to unit before installing accessory. Remove the existing fan guards (see Fig. 1) and fan propellers from the unit. Be sure to save the mounting screws and the fan guards for reinstallation on top of the acoustic enclosures after the enclosures are installed on the fan deck.

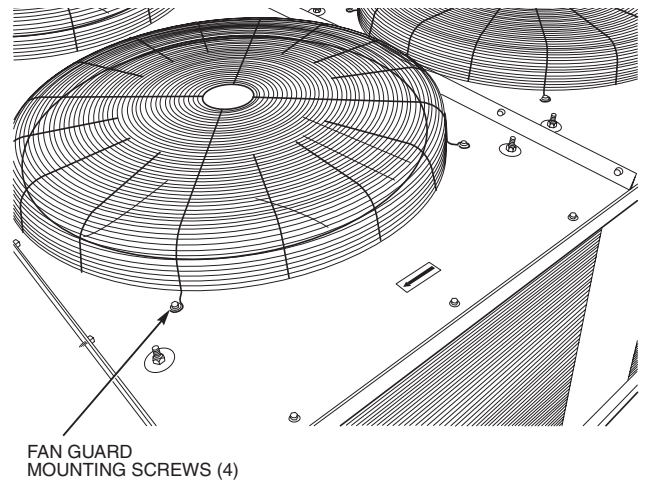


Fig. 1 — Fan Guards

Table 1 — Sound Reduction Kit Contents

UNIT MODEL			ACCESSORY KITS REQUIRED	CAN CONVERT THIS NUMBER OF FANS	CONTENTS OF EACH ACCESSORY KIT
09DK	38AH	30GN,GT,GTN, GTR,GUN,GUR			
UNIT SIZE					
054, 064	044-064	040-050	2	4	2 fan propellers 2 acoustic enclosures with 8 mounting tabs on each enclosure eight 1/4-14 x 5/8-in. screws
074-094	074-104	060-090	4	6	
	124*	100,110	4	8	
	134*	130-170	5	10	
		190, 210	6	12	
		230, 245*	8	16	
		255,270*	9	18	
		290-330*	10	20	
		360 (50 Hz)*	11	22	
		360 (60 Hz), 390, 420*	12	24	

*Units 38AH124,134 and 30GN,GT,GTN,GTR,GUN,GUR230-420 each consist of 2 modules; Module A and Module B.
The listed number of kits required is for the entire unit (both modules together).

Step 3

⚠ CAUTION

To avoid possible damage to accessory components, do not remove them from the packaging until they are ready to be installed. DO NOT stack anything on top of the fan propellers; damaging the propellers can cause fan imbalance.

When the accessory sound reduction kits are ready to be installed, carefully remove the accessory fan propellers and the acoustic enclosures from the packaging.

Step 4 — Install the accessory fan propellers onto the shafts of the outdoor-fan motors positioned as shown in Fig. 2. Each propeller hub must be oriented downward toward the fan motor.

Position each propeller so that the center of the propeller has the correct clearance to the top of the fan venturi as shown in the Fig. 2 detail. Tighten the setscrews to 15 ± 1 ft-lb (20 ± 1.3 N-m).

Ensure that the fans rotate clockwise when viewed from the top of the unit and that they are properly oriented according to the label on the units. If it is necessary to reverse fan rotation, switch any 2 of the fan motor leads.

Step 5

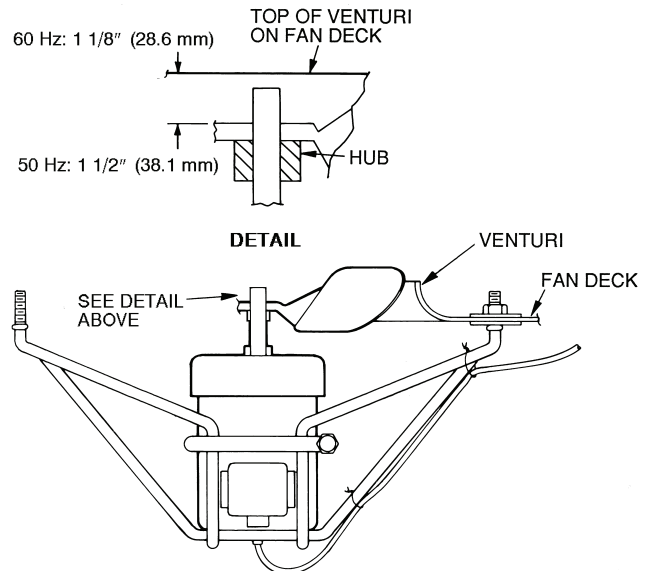
IMPORTANT: When mounting the acoustic enclosures to the fan deck, be sure to use the 4 bottom mounting tabs with the larger screw holes. Use the 4 upper mounting tabs with the smaller screw holes for reinstallation of the fan guards removed in Step 2.

Mount the acoustic enclosures on the fan deck as follows:

1. Position the 4 bottom mounting tabs over the screw holes left when the fan guards were removed in Step 2.
2. Install the 4 mounting screws provided for each acoustic enclosure.

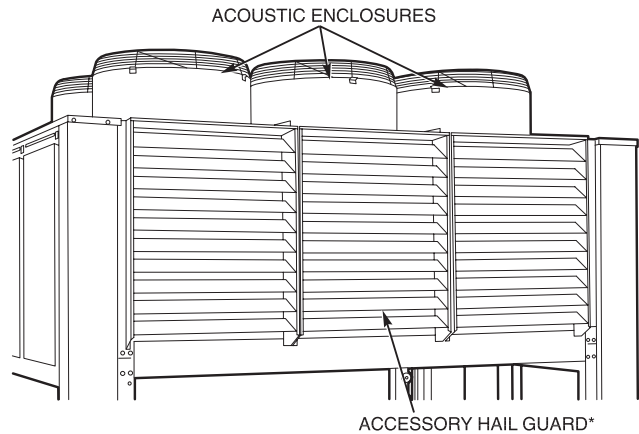
Step 6 — Using the screws removed in Step 2, reinstall the fan guards on top of the installed acoustic enclosures. See Fig. 3.

Step 7 — Restore power to the unit.



NOTE: Fan rotation is clockwise when viewed from top of unit.

Fig. 2 — Installing Fan Propellers



*Hail guard accessory is not required as part of sound reduction kit.

Fig. 3 — Sound Reduction Kit Installed