

Installation Instructions for BK12, BK18, and BK20 Fans

PRE-INSTALLATION CHECK

Before installation, a careful inspection of the units should be made to detect any concealed shipping damage. If damage is found, contact and file a claim with the delivering carrier. Before connecting to the power source, check to make sure that the fan blade turns freely without striking the guard. CHECK TO MAKE SURE THAT THE DATA ON THE MOTOR NAMEPLATE AGREES WITH THE ELECTRICAL SERVICE THAT IS GOING TO BE APPLIED, DOUBLE CHECKING VOLTAGE AND PHASE.

CONTENTS

Along with the fan unit, the following items should be found:

Swivel bracket

Hanging Bracket

Hardware bag containing:

- (2) 3/8" X 1" Hex bolts
- (2) 3/8" Whiz-locking flange nuts
- (1) 1/4" X 1" Hex bolt
- (1) 1/4" Whiz-locking flange nut
- (1) 1/4" Washer

INSTALLATION

NOTE: For chain hanging installation instructions, refer to Form 911-10. Chain and S hooks must be purchased separately for BK Fans.

- 1) Attach the swivel bracket to the motor mounting bracket with one 3/8" bolt & nut and the 1/4" hardware as shown in figure 1A or 1B. Finger tighten the hardware.
- 2) Use the remaining 3/8" bolt & nut to attach the swivel bracket to the hanging bracket as shown in Figure 1.

Note for Ceiling/Wall Installation:

If you are using the optional ceiling/wall bracket instead of a hanging bracket, secure the bracket to a stable part of the building with 1/4" hardware (not provided) and attach the swivel bracket using the 3/8" bolt & nut, then skip to step #4.

- 3) Hang the assembled unit on a secure beam in the building. It is recommended that you secure the fan unit using the pre-punched holes in the hanging bracket with 1/4" hardware (not provided).
- 4) Position the fan to the desired orientation and tighten all bolts & nuts.

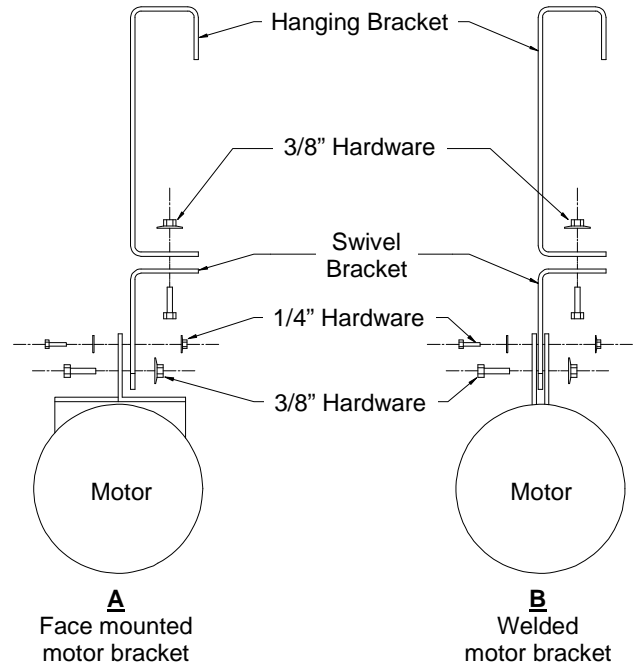


Figure 1. Swivel bracket mounting — motor end view (fan guard and blade omitted for clarity)

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WARNING



CAUTION

DO NOT INSTALL FAN WITH MOVING PARTS WITHIN 8 FEET OF FLOOR OR GRADE LEVEL WITHOUT A GUARD THAT COMPLIES WITH OSHA REGULATIONS. **DO NOT** USE UNLESS ELECTRICAL WIRING COMPLIES WITH ALL APPLICABLE CODES. **DO NOT** WIRE WITHOUT PROVIDING FOR A POWER SOURCE DISCONNECT AT THE FAN ITSELF. **DO NOT** SERVICE EXCEPT BY A QUALIFIED MAINTENANCE TECHNICIAN AND ONLY AFTER DISCONNECTING THE POWER SOURCE. FAILURE TO OBSERVE THESE PRECAUTIONS CAN RESULT IN SERIOUS INJURY OR DEATH.