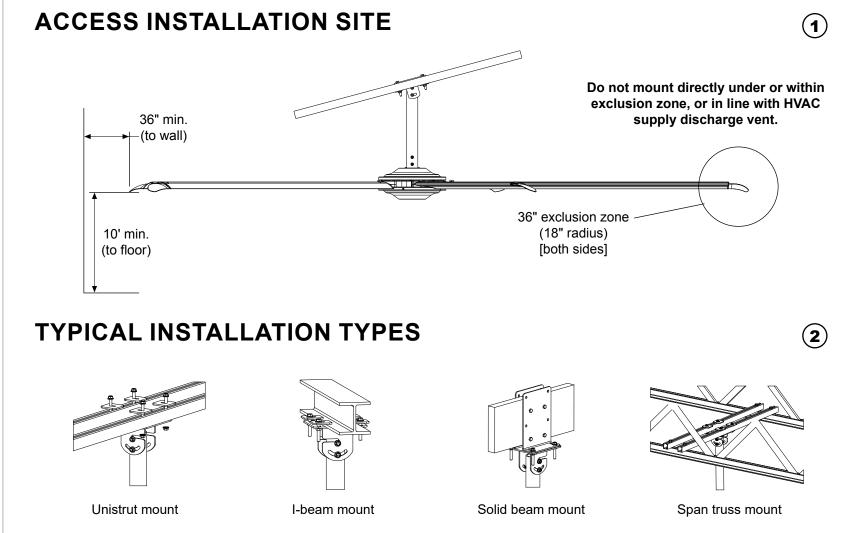


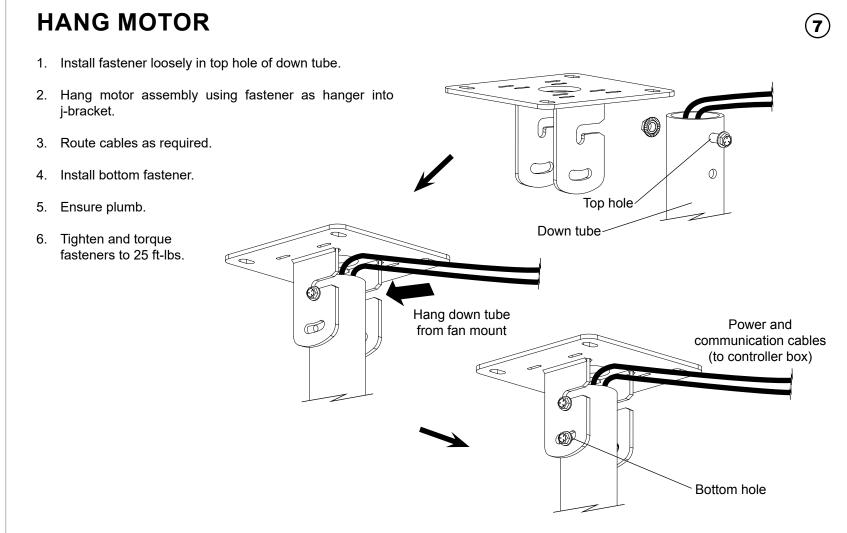
C61174800 and higher.

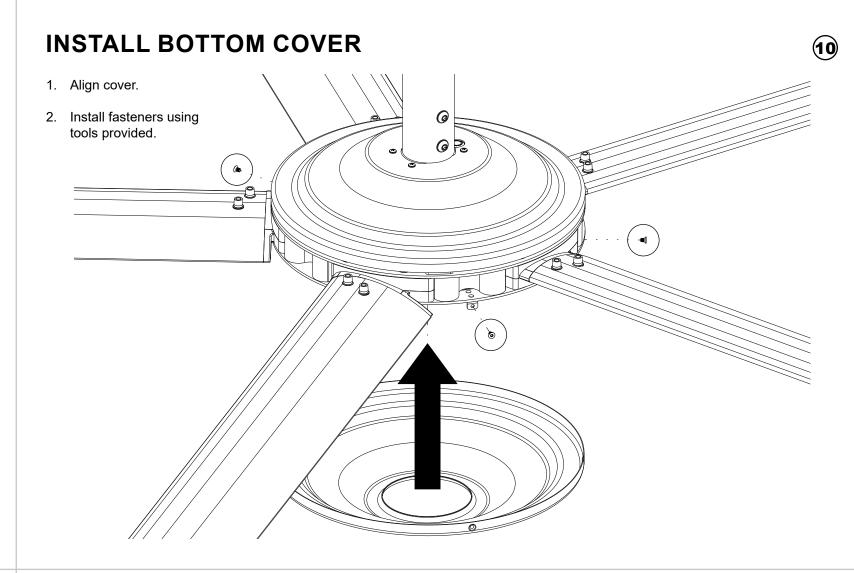
Do not install, operate or service this product unless you have read and understand the Safety Practices, Warnings, and Installation and Operating Instructions contained in this guide and User's Manual 6016083. Failure to do so

Quick Installation Guide

Part No. 6015795F







INTRODUCTION

could result in death or serious injury.

Welcome and thank you for choosing this C-CLASS commercial fan from Entrematic

This guide contains basic information that you need to safely install and operate your fan. Please read and keep this quick installation guide before using your new fan. For more information, please consult website at www.entrematicfans.com.

SAFETY SIGNAL WORDS

You may find safety signal words such as DANGER, WARNING, CAUTION or NOTICE throughout this guide. Their use is explained below:

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible death or injury.

ADANGER

Indicates an imminently hazardous situation which, if not Indicates a potentially hazardous situation which, if not avoided, will result in death or serious injury.

Indicates a potentially hazardous situation which, if not Notice is used to address practices not related to personal

avoided, could result in death or serious injury.

SAFETY PRACTICES

READ AND SAVE THESE INSTRUCTIONS.

READ THESE SAFETY PRACTICES BEFORE INSTALLING, OPERATING OR SERVICING THE FAN. Failure to follow these you or call your local distributor. safety practices could result in death or serious injury.

READ AND FOLLOW THE OPERATING INSTRUCTIONS IN THIS MANUAL BEFORE OPERATING THE FAN. If you do not how to use the fan.

To reduce the risk of electric shock, do not expose to water

Support directly from building structure.

To reduce the risk of fire, electric shock and injury to persons, HVLS fan motor assemblies must be installed with the blade assemblies that are marked on their cartons to indicate the suitability with this model. Other blade assemblies cannot be

Be certain to follow the instructions in this manual. If you do not understand the instructions, ask your supervisor to explain them to you or call your authorized local distributor.

To reduce the risk of injury to persons, install fan so that the blade is at least 3.05m (10') above the floor.

INSTALLATION AND OPERATION: Installation of the equipment must comply with local and national

electrical codes and must be in accordance with ANSI/NFPA 70 clauses 400.7 and 400.8.

Do not use this commercial fan until you have received proper

avoided may result in minor or moderate injury.

DO NOT USE THE FAN IF IT APPEARS DAMAGED OR DOES NOT OPERATE PROPERLY. Inform your supervisor immediately.

understand the instructions, ask your supervisor to teach you

Do not operate the fan until all personnel, building structure and

Do not install the fan unit onto structure of insufficient strength. Consult a professional engineer or registered architect. Improper

installation of the fan could result in death or serious injury. For fans that will be subjected to high cross winds (open bay doors or air conditioning diffuser ducts) the fan must be at least one fan diameter (as measured from the end of the winglet) from open

power is disconnected and properly locked off.

manual, BE CERTAIN TO REMOVE POWER FROM THE UNIT AND LOCK-OUT THE DISCONNECT ON THE POWER CIRCUIT. Call your local distributor for service.

Keep your body clear of moving parts at all times.

All electrical troubleshooting and repair must be done by a qualified technician and meet all applicable codes.

OWNER'S RESPONSIBILITIES

The owner's responsibilities include the following:

between the commercial fan and shop worker. The owner should, repaired as needed before being placed back in service. therefore, train and instruct operators in the safe use of the commercial fan.

be obscured from the view of operating or maintenance personnel for whom such warnings are intended. Warnings which are worn or Modifications or alterations of commercial fans shall be made only non-legible should be replaced.

Manufacturer's recommended periodic maintenance and inspection procedures in effect at date of shipment shall be followed, and written records of the performance of these procedures should be kept.

Commercial fans that are structurally damaged or have experienced impacts from external sources, shall be removed from service, The owner should recognize the inherent danger of the interface inspected by the manufacturer's authorized representative, and

The owner shall see that all nameplates and caution and instruction markings or labels are in place and that the appropriate operating Nameplates, cautions, instructions and posted warnings shall not and maintenance manuals are provided to users.

with written permission of the original manufacturer.

UNBOX AND INVENTORY Remote control -Mounting hardware Down tube – Blade assembly Controller box

REQUIRED TOOLS

Wrenches: 9/16

• Sockets: 1/2, 9/16

• T-15 Torx (included)

• T-40 Torx (included)

Phillips screwdriver

• Torque wrench: 15-60 Ft-lbs (for use with sockets)

Typical I-beam Mount

*Torque 3/8 fasteners to 28 ft-lbs.

· Spirit level, short

• Tape measure

Clamp plate

Mount bracket

Fan mount bolt

- Fan mount nut

Mount bracket

Clamp plate

-Fan mount bolt

HARDWARE AND REQUIRED TOOLS

1. Blade Box – 5 blades 2. Fan Motor Box a. Motor assembly with cover.

PACKING KIT

b. Remote control. c. Controller box.

d. Mounting hardware.

e. Communication and power cables.

INSTALL FAN MOUNT

1. 1-5/8 x 1-5/8 unistrut is acceptable for alternate installation

training. Improper use could result in property damage, bodily

injury and/or death. Read and follow the complete OPERATING

INSTRUCTIONS in the user's manual before use. If you do not

understand the instructions, ask your supervisor to explain them to

moveable equipment are clear of all moving parts. Install guards

bays or A/C ducts mounted below the blade plane or there must be at least one fan diameter (as measured from the end of the winglet) for A/C ducts mounted at or above the blade plane.

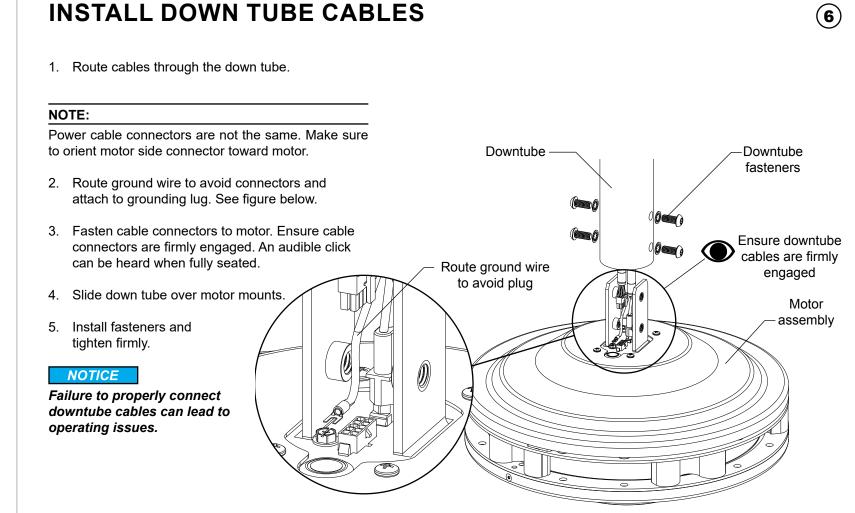
MAINTENANCE AND SERVICE:

Before service, inspection, or cleaning make certain that the

If the fan does not operate properly using the procedures in this

INSTALL DOWN TUBE CABLES

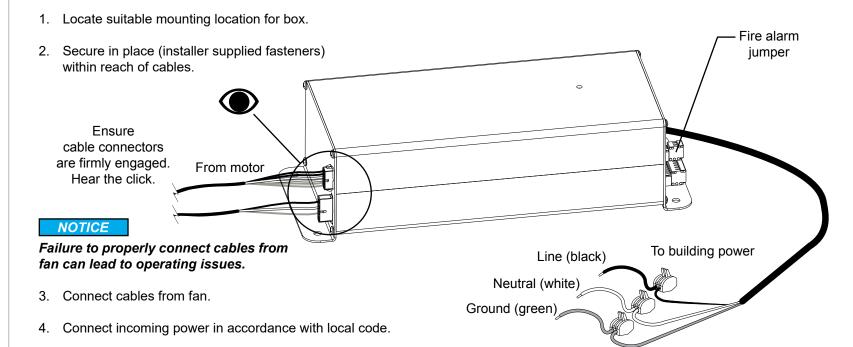
Typical Unistrut Mount



INSTALL CONTROLLER BOX

Before doing any electrical work, make certain the power is disconnected and properly tagged or locked off. All electrical work must be done by a qualified technician and meet all applicable codes. USE EXTREME CAUTION. Touching wires could result in electrical shock, death or serious injury. On 120V fan, never allow more than 130 volts incoming power to be connected to the controller box. Damage to the fan and

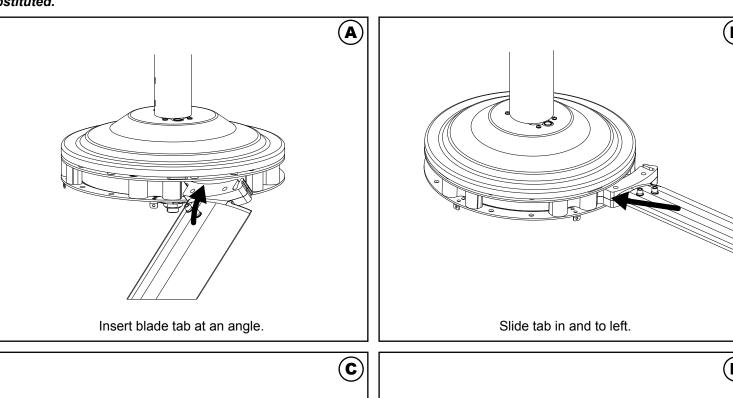
serious personal injury or death may result.

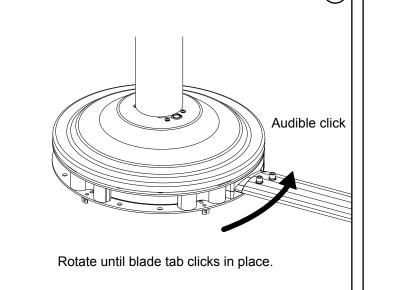


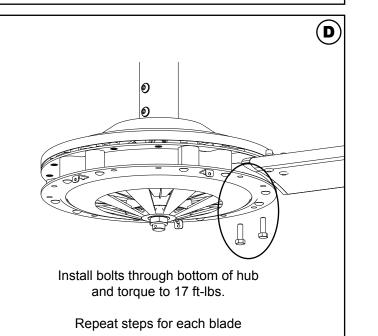
INSTALL BLADES

Dress excess cable.

To reduce the risk of fire, electric shock and injury to persons HVLS fan motor assemblies must be installed with the blade assemblies that are marked on their cartons to indicate the suitability with this model. Other blade assemblies cannot be

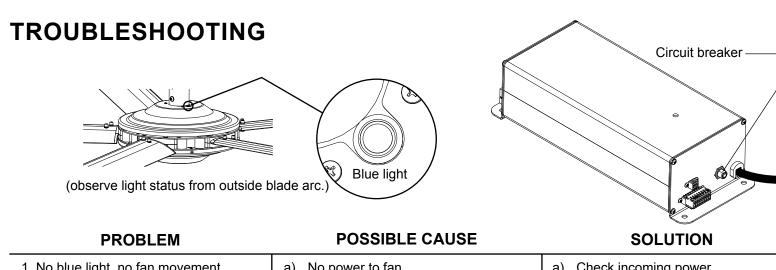






VERIFY OPERATION Fan direction button (push to reverse direction of fan)

INSTALL REMOTE



	PROBLEM	POSSIBLE CAUSE	SOLUTION
	1. No blue light, no fan movement	a) No power to fan	a) Check incoming power
		 b) Circuit breaker on controller box tripped 	b) Reset circuit breaker
		c) Communication cable loose	c) Ensure communication cable is firmly attached at each end.
		d) Remote is not programmed	d) Program remote (see user's manual)
		e) Bad remote	e) Replace and program new remote
		f) Issue inside controller box	f) Consult technical service
	Fast blink blue light, no fan movement (approx. 2 blinks/sec.)	a) Power cable loose	a) Ensure power cable is firmly attached at each end
	3. Fast blink blue light, fan movement.	a) Bad communication cable	a) Replace cable
		b) Encoder cable loose	b) Consult technical service
		c) Motor power lead loose	c) Consult technical service
		d) Issue inside controller box	d) Consult technical service
	4. Slow blink blue light, no movement	a) Fire alarm jumper issue	a) Ensure jumper wire is in place
	Solid blue light, sustained shuddering movement	a) Issue inside controller box	a) Consult technical service
	6. Fan runs but makes noise or vibrates	a) Bad motor bearing	a) Check if fan rotates freely by hand without binding
		b) Missing or damaged winglet	b) Check winglets
		c) Loose or damaged blade	c) Ensure blades are firmly attached and mounting fasteners are tight
		d) Loose or damaged guy wires	d) Ensure guy wires are taut and properly installed

Technical Service (972) 466-0707

For complete installation details including optional guy wire mounting and fire control system information, operating instructions, maintenance and parts list please see User's Manual 6016083 at www.entrematicfans.com