



# MEGA-FLOW FANS

(See Reverse Side for Framing Formats)

Do not operate fan until you are completely familiar with its operation. **READ ALL INSTRUCTIONS PRIOR TO INSTALLATION.**

## BEFORE INSTALLING

1. Inspect fan for damage in transit. Check for loose, missing, or damaged parts.
2. If there are any missing parts or if there is any shipping damage, do not attempt to operate fan. Contact your Distributor.

## INSTALLATION

1. Fan should be securely mounted upright in wall. Refer to Framing Diagram.
2. Fan is provided with wire guards for your protection. *National safety codes require that guards be installed if fan is installed within 7 feet of floor or in reach of personnel or livestock.*  
**FAILURE TO GUARD MOVING PARTS MAY RESULT IN SERIOUS INJURY OR DEATH.**
3. Connect Power Cord and Electrical Power.
4. Unit is ready for operation.  
**IMPORTANT! INSPECT FAN FOR ANY OBJECT THAT MAY OBSTRUCT BLADE ROTATION.**

## WARNING!

1. Disconnect power source before installing or servicing fan. Failure to disconnect power source can result in property damage, serious injury, or death.
2. When connected to an automatic controller, FAN MAY START AT ANY TIME.
3. **IMPORTANT!** Before Operating Fan, Inspect Fan For any Object That May Obstruct Blade Rotation.
4. When this fan is used in a life support ventilation system where failure could result in loss or injury, the user should provide adequate backup ventilation or accept the risk of such loss or injury.

## MAINTENANCE

1. Read **WARNING** statements before proceeding.
2. Blades, motor, and wire guards should be cleaned periodically to decrease vibration and ensure maximum fan life. Remove dirt with a dry brush or compressed air. **DO NOT SPRAY MOTOR WITH WATER OR CLEANING FLUIDS.**
3. Fan performance may be greatly reduced by damaged or dirty shutters. Clean and inspect shutter periodically to ensure maximum fan performance.

## WARRANTY

Your fan has been manufactured with the finest materials and components available, and is backed by a one year warranty against electrical and mechanical defects in material and workmanship. If this fan fails to operate during this period, return it prepaid to the place of purchase for repair or replacement without charge at the manufacture's option.

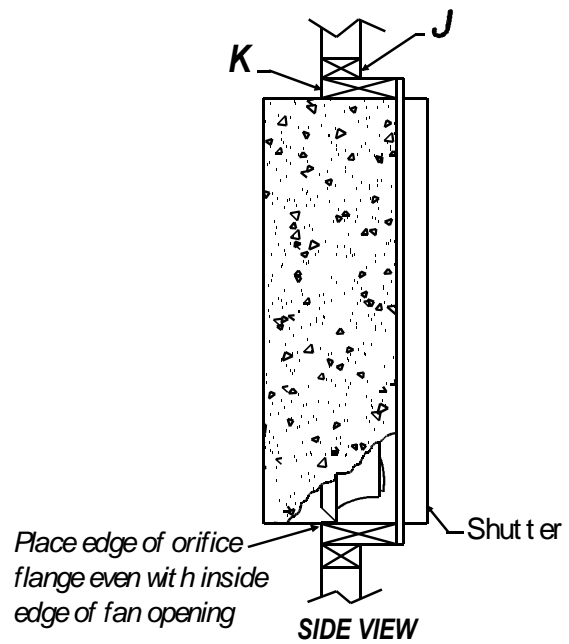
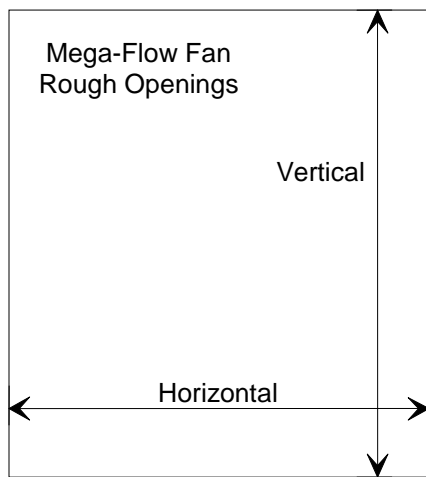
Damage by accident or abuse is not covered by this warranty.

48" Mega-Flow Direct Drive Fans must always have shutters installed to prevent reverse blade rotation. These fans are not designed to be used in outdoor or open sidewall buildings. Cumberland Manufacturing, Inc. makes no guarantees regarding the proper operation of this appliance when these conditions are not met.

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# FRAMING DIAGRAM



# FRAMING DIMENSIONS

Fan Size	Fan Model	Rough Openings	J (In.)	K (In.)
24"	Mega-Flow / Econo Flow	30.75" square	2 x 4	2 x 8
36"	Mega-Flow / Econo Flow	42.75" square	2 x 4	2 x 8
48"	Mega-Flow / Econo Flow	54.75" square	2 x 4	2 x 8
52"	Mega-Flow / Panel	56.25" square	2 x 4	2 x 8
52"	Mega-Flow / Orifice	56.25" square	2 x 4	2 x 8
36"	Mega-Flow / Slantwall	42.75" horizontal x 43.75" vertical	2 x 4	2 x 8
48"	Mega-Flow / Slantwall	54.75" horizontal x 55.75" vertical	2 x 4	2 x 8
52"	Mega-Flow / Slantwall	56.75" horizontal x 57.75" vertical	2 x 4	2 x 8