



Light-Trap Fan Unit

HIRED-HAND®

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

BEFORE INSTALLING FAN

Inspect fan for damage in transit.
Check for loose, missing, or damaged parts

⚠ WARNING:

During assembly be sure that the motor is not plugged into any power source.
Always double check power sources.

⚠ WARNING:

When fan is used in life support ventilation system, where failure could result in loss or injury, 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. **DO NOT SPRAY MOTOR WITH WATER OR CLEANING FLUIDS** - remove dirt with a dry brush or compressed air.
3. Fan performance may be greatly reduced by damaged or dirty shutter. Clean and inspect shutter periodically to ensure maximum fan performance.

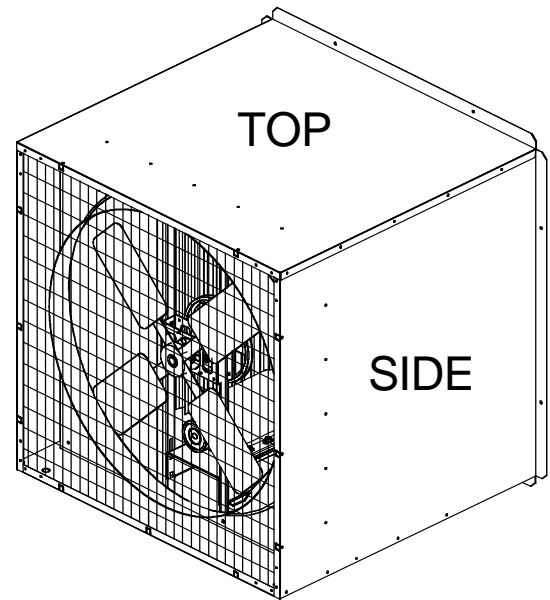
⚠ WARNING:

HAZARDOUS ROTATING FAN BLADE

⚡ CAUTION

Disconnect power source before installing or servicing fan. Failure to disconnect power source can result in property damage, serious injury, or death.

Light Trap Fan Unit



WARRANTY

Your Light Trap 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 place of purchase for repair or replacement without charge at the manufacturer's option.

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

This warranty gives you specific legal rights and you may have other rights that vary from state to state.

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Figure 1

Assembled Light Trap Extrusions

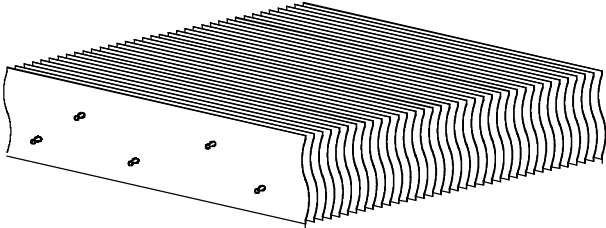
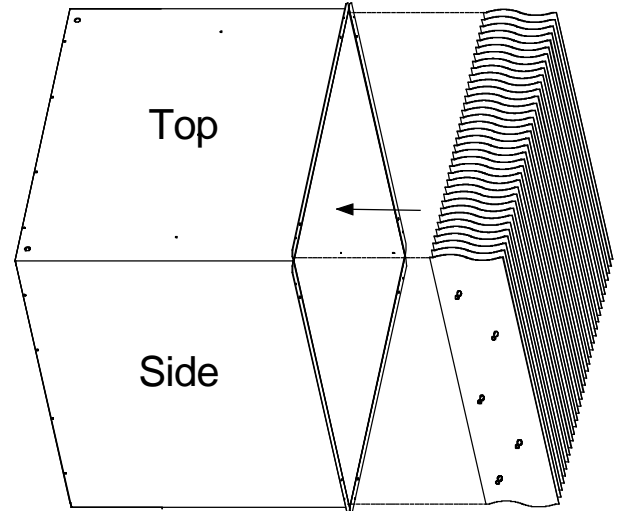


Figure 2

Insert Assembled Extrusions Into Light Trap Fan Unit

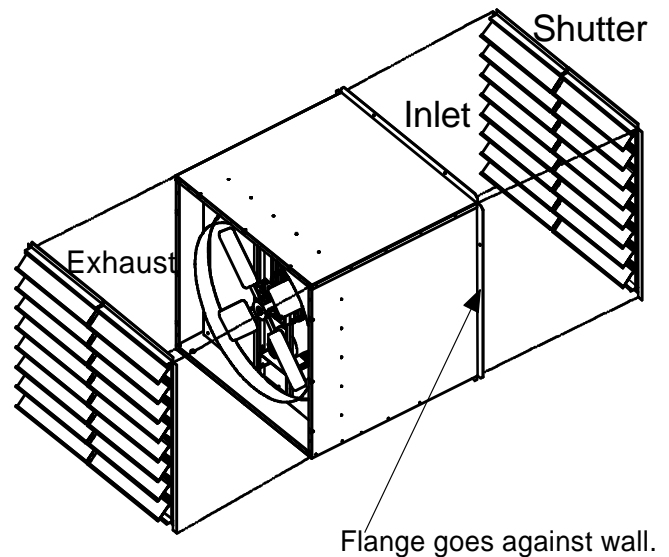


LIGHT TRAP INSTALLATION

1. Assemble the Light Trap Extrusions according to separate instructions which are included with the Light Trap Extrusions. See **Figure 1**.
 2. Insert the assembled Light Trap Extrusions into the Light Trap as shown in **Figure 2**.
- Important!** *Note the orientation of the Light Trap Extrusions. Make sure to install the assembled extrusions in the orientation shown in Figure 2.*
3. Slide the Light Trap Extrusions into the assembly until the stops are encountered.

Figure 3

Fan Installation



Fan Installation

1. Cut rough opening in wall. (Minimum dimensions)
 - a. 48" fans -- 54 3/4" horizontal X 55 3/4" vertical
 - b. 36" fans -- 42 3/4" horizontal X 43 3/4" vertical
 - c. 24" fans -- 30 3/4" horizontal X 31 3/4" vertical
2. Place fan through opening, blade end first.
3. Slide fan through opening until the flange is against the wall. (See **Figure 3**).
4. Secure fan to wall with wood screws.
5. Install shutter. Shutter can be either inlet or exhaust.
6. Connect power to fan.
7. Installation complete.