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EPF-10P.3

GENERAL SETUP AND OPERATION

1. Place fan in a clean air environment.
   NOTE: Air quality of the confined space should be tested prior to ventilation. If air quality of the confined space is unacceptable, consult a trained professional.
2. Inspect fan for damaged or worn parts. Inspect all ducting and coupling for air leaks prior to fan operation. Install duct cuff to inlet and/or exhaust flange(s) and tighten cinch strap. Keep bends and kinks in ducting to a minimum to maximize air flow. The use of conductive ducting is recommended when operating in potentially explosive environments. The conductive ducting is supplied with a 12" ground wire that must be attached to the ground lug(s) on the fan and any accessories used in the ventilation system.
   NOTE: This fan is supplied with two 10" to 8" conductive polyethylene adapters. They can be used to attach 8" or 10" duct to the air discharge to inlet side of the blower. If the fan is used as a single unit, greater discharge flow will be achieved by removing the intake duct adapter. Multiple fans can be used in series to achieve ventilation with long lengths of ducting. Do not use more than 50ft of duct on the inlet or discharge side of the fan as severe air flow loss will result. If the blower is to be used in series, a front and rear ground lug is supplied to connect the ground wire from the conductive duct on both ends. This will assure a proper ground and remove potential static electricity buildup.
3. The explosion proof fan should be fitted with an approved explosion proof plug to meet Class 1, Division 1, Groups C and D, Class 2, Division 2, Division 1 Groups E, F and G specifications of the electric motor.
4. Connect fan to power source. The on/off switch protrudes through the housing. To turn the fan on, pull switch knob out. To turn off, push switch knob in. The unit is now operational.

WARNING: The electric plug should NOT be connected or disconnected in a hazardous environment when the receptacle is energized.

SHUTDOWN

- Insure that all workers are removed from the confined space site.
- Shut off blower and remove all ducting.

MAINTENANCE

- Keep blower motor dry and free from contaminants and dust.
- Check periodically to ensure moving parts are free from obstructions.

WARNING: Do not attempt to open or re-wire the sealed electric motor. All explosion proof approvals will be voided.