

	Cincinnati Fire Department Fire Training Supplement DRILL BOOK	SECTION #5 Tools and Equipment
Date: January 2006 Section #: 5	TOPIC TITLE: RamFan PPV High Powered Blower (220v)	Total Pages: 1 Topic #: 8



Each Ladder Company in the Cincinnati Fire Department is assigned the EF 390 Positive Pressure Turbo Blower (RAMFAN). The fan is operated by a 2.2 horsepower / 220v electric motor and is capable of producing 18,000 cubic feet per minute (CFM's) of air.

OPERATION

Always ensure that the power switch is in the **OFF** position prior to connecting power. Do not, under any circumstances, move the blower while in operation.



USE

The blower is to be carried to the position of use before starting. Positioning and guidelines for its use are described in IFSTA or other basic training supplements. However, to obtain the recommended cone of air needed to cover a single doorway, the recommended setback for the fan is approximately 6 feet

CAUTIONS

Do not operate if any physical damage is noted to the outer case, cord, plug or receptacle. The EF390 Ramfan is not intrinsically safe and therefore should not be operated in explosive atmospheres. The motor is equipped with thermal overload protection and an automatic reset. If the motors thermal protection trips, immediately disconnect all power to the unit and determine the cause. If the motor is left in the ON position after thermal overload protection activation, the motor will restart without warning when the thermal overload protector resets.

MAINTENANCE

Always disconnect power before cleaning. Clean unit with a biodegradable cleaning solution. Do not use solvents of any kind.

SPECIFICATIONS

The fan starts easily on smaller generators (6kW), long cord reels and most 20 amp circuits.