

THE FORCE/1

Set-Up and Operation

REMOTE CONTROL: permanently attached to the main panel, the remote allows operation from the attic. Both the agitator and the blower can be operated by the remote control.

ELECTRICAL CONNECTIONS:

Before connecting the machine to electrical power, make sure all switches are in the “off” position. Connect the supplied extension cord to a dedicated 115V 20 amp grounded outlet. In the home, refrigerator or freezer outlets usually fit the amperage requirements. If necessary, these appliances can be temporarily unplugged, enabling the FORCE/1 to use the outlet. Disconnecting these appliances for the short time needed to operate the FORCE/1 will not cause spoilage. Remember to reconnect any unplugged appliance after the job is finished. If your job requires additional extension cords, make sure you use only a 12/3 cord for a 50 foot run or 10/3 cord for a 100 foot extension.

STARTING:

To operate the FORCE/1 from the ground, the rocker switch on the remote control must be in the “on” position. Operate the blower and agitator from the main electrical panel toggle switches. To use the remote control feature for attic operation, the switches on the main panel must be “on”; you will control the machine with the rocker switch on.

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the remote cord. In cold weather, your machine is more difficult to start. If possible, store your FORCE/1 in a warm area overnight before starting.

DISTRIBUTION HOSE: For normal attic applications, the two and a half inch hose produces the best results. Always use at least 100 feet of hose on your job. Longer hose length decreases both capacity and material throw. At 200 feet of hose, capacity and throw will be reduced by approximately 30%. If you must use a hose longer than 150 feet, reduce the hose size to two inch diameter.

HOPPER SAFETY:

Your safety is the most important consideration whenever you are using any machine. Following the instructions in this manual, along with good common sense, should allow you to complete your job in a safe, efficient manner. First, before loading your FORCE/1, follow all safety considerations provided by the manufacturer of the insulation material you are using, including wearing protective masks or respirators. Never wear loose clothing or other items while running this machine. Failure to follow safety precautions may result in permanent injury. Any time you overload the hopper, or anytime you place objects other than insulation material into the hopper, you are risking personal injury or equipment breakdown.

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Overloading the hopper or pushing down on the material in the hopper can cause electrical problems or jamming which can damage your machine. When loading your machine, empty only one bag at a time into the hopper. Wait until half the contents have been used before adding another bag. Always clean unused material out of the hopper, airlock, and hose at the end of each job. **Do not put your hands inside the hopper** while the machine is running. If a tool or other foreign object accidentally falls into the hopper, turn the machine off immediately. Careless operation of this machine can result in bodily injury.

ADJUSTING SLIDE GATE:

The pin-set slide gate regulates the amount of material entering the airlock. By adjusting the slide gate, you increase or decrease both the amount of material and the material throw distance from the hose. To increase material flow, pull the slide gate out; to decrease push the slide gate in.

Slide Gate Adjustments

LOADING THE HOPPER: Machine may be “on or off” while loading. **Cellulose**, place the bag of insulation material on the hopper. Use a knife to open the bag so that the material falls into the hopper. Your FORCE/1 is designed to self-feed. **Fiberglass**, place the bag on the side of the hopper. Cut the bag in thirds and dispense one third of the contents gradually until the agitator breaks up and conditions the material. Load the remainder of the material according to the distribution rate. Empty no more than 1.3 bag at a time into the hopper, waiting until at least 1.4 of the material has been used before adding additional insulation.

Forcing insulation material will cause overloading, electrical failure or possible machine damage.

If the agitator stops or the circuit breaker on the electrical panel trips, unplug the machine from electrical power. Remove the cause of the jam from the hopper. You may have to empty all the insulation material to locate and remove the jam. After clearing, reset the circuit breaker, reconnect power and continue normal operation.