

OPERATING INSTRUCTIONS MANUAL

POWER BLOWER
















DCD Design & Manufacturing Ltd.

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE POWER BLOWER

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY:

-  The Power Blower is an electrical device. Use only as described in this manual.
-  Connect to a properly grounded outlet only. See Grounding Instructions.
-  Turn off all controls before unplugging.
-  Do not leave the power blower when plugged in. Unplug from outlet when not in use and before servicing.
-  Do not handle plug or appliance with wet hands.
-  Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
-  Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
-  To reduce the risk of electric shock do not operate in the rain – store indoors.
-  Do not use with damaged cord or plug. If the power blower is not working as it should, has been dropped, damaged, or dropped into water, return it to a service center.
-  Do not remove or modify the 15 Amp 125 VAC plug. Severe personal injury, death, or property damage may result.
-  Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce airflow.
-  Keep hair, loose clothing, and all parts of body away from openings and moving parts.
-  Do not use this blower with a solid state speed control device, as it may result in electrical shock or fire.

SAVE THESE INSTRUCTIONS.

SPECIFICATIONS

The blower generates a maximum of 95 cfm. (2.7 m³/min) of forced air and can operate at up to 5.0 psi (138 in. H₂O), blowing poly-line or measuring tape over 1,000 ft (610m).

Each model weighs 16.7 lb (7.6 Kg).

The blower has one 9.4Amp motor and comes with a 10 ft (3.1M) power cord and a 15 Amp 110 VAC L5-30 twist plug.

The complete kit includes – Power Blower Unit, 25 ft (7.6M) air-hose, Seal-off Body, and Seal-offs for 1/2" – 6" (13 – 152mm) conduit.

Part Number	Height	Width	Length	Net Weight
58400-000	18" 457 mm	16-1/2" 419 mm	19" 483 mm	16.7 lb 7.6 kg

Dimensions and weights subject to change without notice.

INSTALLATION

1. Place the Power Blower on a clean surface and ensure that the air inlets in the lid are not obstructed.
2. Turn switch to the "OFF" position.
3. Unwind the power cord and plug into a 15A, 125VAC electrical outlet.
4. Install the fixed end of the hose into the Power Blower outlet and the swivel end into the seal off body.
5. Select an appropriate seal off nozzle and install into the seal off body.
6. Rotate the selector plate on the seal off body to align it with an orifice suitable for the type of line or pull tape being installed. Insert the line into the orifice and feed it through the seal off body and nozzle.
7. Select a blowing projectile appropriate for the size of conduit. Attach the projectile to the line and insert it into the conduit.
8. Place the seal off nozzle into the conduit mouth ensuring that the line is not trapped between the nozzle and the conduit.
9. Turn the switch to the "ON" position.
10. The speed of the projectile may be controlled by pulling the nozzle away from the conduit. **Never use your hand to restrict the line.**
11. When the projectile reaches its destination, you may turn the switch to the "OFF" position.
12. Upon completion of job, remove the hose from the Power Blower and wind the power cord loosely around the carrying handle.

SAFETY



READ AND UNDERSTAND

Although the Power Blower is intended for outdoor and indoor usage, exercise caution when operating in rainy or adverse conditions.



Be cautious when working near utility lines and around circuits that are live.



Forced air creates flying debris. Always wear personal protective clothing: hard hat, safety glasses, safety shoes, and leather work gloves. Severe personal injury could result.



Ensure no personnel are in the destination, exit, and access vault, during the blowing operation. Severe personal injury could result.

Follow standard operating procedures when accessing vaults and manholes, including gas detection and work area protection.

GROUNDING INSTRUCTIONS

This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.



Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance—if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This appliance is rated more than 15 amperes and is for use on a circuit having a nominal rating of 120 volts and is factory-equipped with a specific cord and plug to permit connection to a proper electric circuit. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adaptor should be used with this appliance. If the appliance must be reconnected for use on a different type of electric circuit, the reconnection should be made by qualified service personnel.

SERVICE



1. Do not pressure power wash the blower or any of the accessories. Use clean dry cloth to remove dirt and dust. Do not clean any of the Power Blower accessories with petroleum based solvents.

2. There are no user serviceable parts inside the Power Blower.

3. If too much current is supplied to the blower the breaker may disengage to protect the unit.

Ensure you have the correct power supplied to the unit, reset the breaker on the side of the unit by pushing it in, and try again.

Should the power cable and plug become damaged, it may be serviced by the manufacturer or a qualified electrician. All other parts are serviceable by the manufacturer.

TROUBLESHOOTING GUIDE

UNIT DOES NOT TURN ON

- Blown Utility Breaker – not rated for 15 amperes. Ensure correct power supply, reset breaker on side of unit and try again.

PROJECTILE DOES NOT EXTEND

- Duct is obstructed
- Duct is not airtight
- Duct length is too long
- Duct has too many bends
- Projectile is worn or the wrong size
- Too much tension on the blowline

REPLACEMENT PARTS LIST

120 VAC BLOWER UNIT	
Part Description	Part Number
Power Switch (16 Amp, 125 VAC)	90007-016
Fuse (15 Amp, 250 VAC Fast Acting Type)	90007-027
Twist Plug (30 Amp 125 VAC)	90007-023