

# American High Temperature Vacuum System Operating Manual

## Care of this Vacuum

Treat this vacuum as you would any other high-grade, precision-made product. Dropping, unreasonable bumping across thresholds and other misuse may result in a damaged unit which is not covered by warranty.

Read this manual completely before operating the vacuum. It is important to follow instructions in this manual to prevent the possibility of injury or damage to the user and/or vacuum.

When not in use, power cord should be wrapped around the motor head for storage.



### VAC0001 American High Temperature Vacuum System

#### Tool Kit Includes:

- (2) Straight Alum. Wands [VAC0002]
- (1) 1.5" Swivel Vac. Hose [VAC0013]
- (1) 19" Crevice Tool [VAC0008]
- (1) 14" Hose Cage [VAC0011]
- (1) 14" Pancake Filter [VAC0003]

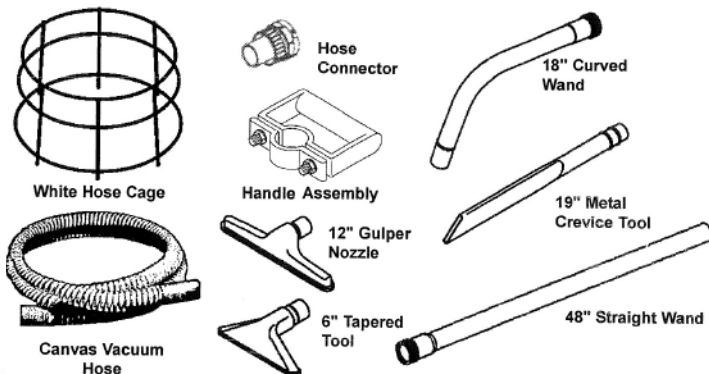
#### Specifications:

- Motor** 120 Volt, 2 HP, 3-Stage By-Pass  
94 CFM - Waterlift - 135"  
Current - 9.2 AMPS
- Tank** 6 Gallon

**WARNING: Electric shock could occur if used on wet surfaces. DO NOT expose to rain; store indoors.**  
When using this electric vacuum, basic precautions should always be followed, including the following:

- 1. DO NOT** leave vacuum when plugged in. Unplug it from the outlet when not in use and before servicing.
- 2.** This is **NOT** a toy. Close attention is necessary when used around or near children.
- 3.** Use only as described in this safety manual. Use only manufacturer's recommended attachments and accessories.
- 4. DO NOT** use the vacuum with damaged cord or plug. If the vacuum is not working as it should, because it has been dropped, damaged, left outdoors, or dropped into water, contact an authorized service center or factory.
- 5. DO NOT** pull the vacuum by the cord, use cord as a handle, close a door on the cord, or pull cord around sharp edges and corners. **DO NOT** run vacuum over the cord. Keep cord away from heated surfaces.
- 6. DO NOT** unplug the vacuum by pulling on the cord. To unplug, grasp the plug, not the cord.
- 7. DO NOT** handle the vacuum plug or vacuum with wet hands.
- 8. DO NOT** put any objects into openings. **DO NOT** use with any openings blocked; keep free of dust, lint, hair, and anything that may reduce airflow.
- 9.** Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- 10. DO NOT** pick up anything that is smoking or burning, such as cigarettes, matches, or hot ashes.
- 11. DO NOT** use without dust bag and/or filters in place.
- 12.** Turn **OFF** all controls before unplugging.
- 13.** Use extra care when cleaning on stairs.
- 14. DO NOT** use this vacuum to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- 15. DO NOT** use where oxygen or anesthetics are used.
- 16.** Replace damaged or worn parts immediately with genuine original equipment parts to maintain safety and to protect your limited warranty.
- 17. DO NOT** use an extension cord unless absolutely necessary. If an extension cord is used, then wire size must be #14 gauge or larger and should not exceed 50 feet in length. The extension cord must be three-wire type to insure **GROUNDING** protection. This vacuum must be connected to a properly grounded outlet only. See grounding instructions on page 2.

## Replacement Vacuum Attachments Parts List



### Replacement Vacuum Attachments

Description	Qty	Part No.
White Hose Cage	1	VAC0011
1-1/2" X 10 Ft Canvas Vac Hose	1	VAC0005
1-1/2" Swivel Hose Connector	1	VAC0013
Handle Assembly	2	VAC0012
18" Curved Wand Assembly	1	VAC0009
48" Straight Wand Assembly (set of 2)	1	VAC0002
6" Taper Tool	1	VAC0006
12" Gulper Nozzle	1	VAC0007
19" Metal Crevice Tool	1	VAC0008
Knurled Nut (not pictured)	1	VAC0010

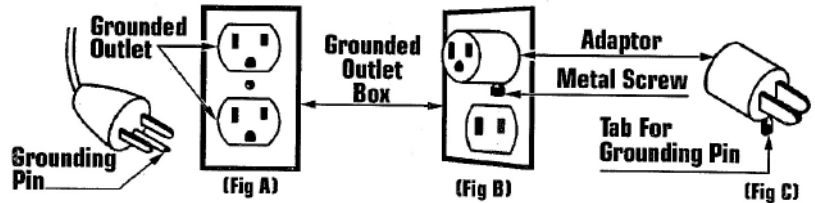
## Grounding Instructions and Methods

Electrical equipment must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electrical current to reduce the risk of electric shock. This vacuum 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.

If repair or replacement of the cord or plug is necessary, **DO NOT** connect the grounded wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

This electric equipment is for use on a nominal 120 volt circuit, and has a grounded plug that looks like the plug illustrated in (Fig A). A temporary adaptor that looks like the adaptor illustrated in (Fig B & C) may be used to connect this plug to a 2-pole receptacle as shown in (Fig B) if a properly grounded outlet is not available.

**DANGER**  
Improper use of the grounding plug can result in a risk of electric shock.



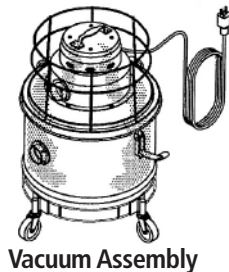
The temporary adaptor should be used only until a properly grounded outlet (Fig A) can be installed by a qualified electrician. The green color rigid ear, lug, or the like, extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by a metal screw.

**WARNING**  
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 equipment. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.  
**NOTE:** In Canada, the use of a temporary adaptor is not permitted by the Canadian Electrical Code.

## Vacuum Assembly

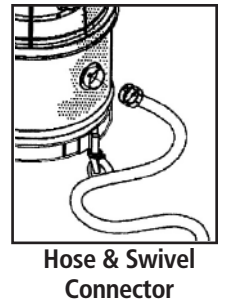
This vacuum requires some assembly.

- 1) Carefully remove and set aside the motor head and filter assembly.
- 2) Turn the canister upside down. Insert casters into caster mount assemblies and press down to lock in position.

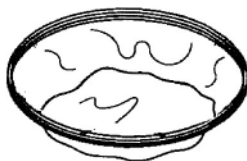


The hose and swivel connector are pre-assembled at the factory and attach to the vacuum intake.

- 1) Line up the swivel connector slots with the retaining rivets on the intake.
- 2) Insert swivel connector and twist clockwise until rivets rest against slot ends.



## Filter Maintenance and Replacement



### Pancake Nomex Filter Maintenance

In order to maintain maximum efficiency of the vacuum cleaner it is important to clean the Nomex filter each time the tank is emptied. To clean the Nomex filter, shake off loose particles and brush exposed surface with a soft bristle brush.

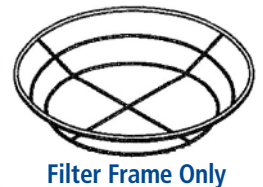
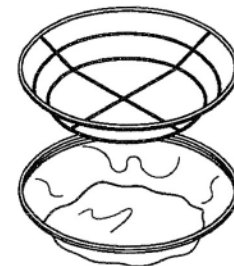
**DO NOT WASH, shrinkage to filter cloth and damage to the gasket can occur.**



### 2-Ply Intermediate Filter Maintenance

The 2-ply intermediate filter should be replaced whenever there is damage or visible collection of debris on the outside of the filter.

When installing a new intermediate filter, position the filter on top of the tank. Fold the edges over the outside of tank overlapping approximately one inch. Place filter assembly in position on top of tank and replace motor head.



### Description

- 14" Pancake Nomex Filter
- 14" 2-Ply Intermediate Filter

### Part No.

- VAC0003
- VAC0004

**CAUTION: Dropping the motor head may cause permanent damage to internal components; exercise caution when handling.**