



# NACECARE SOLUTIONS

## Jet Vac 2000

SI Specification

# Operating Instructions

**NOTE:** As with all electrical equipment, care and attention must be exercised at all times during its use, in addition to ensuring that routine and preventative maintenance is carried out periodically in order to ensure its safe operation. In particular the electrical supply cable and flexible hose should be regularly inspected by a competent person and immediate action taken to rectify any faults found. Failure to carry out maintenance as necessary, including replacement of parts to the correct standard, could render the equipment unsafe and the manufacturer can accept no responsibility in this respect.

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### MACHINE OPERATION

Please see the enclosed machine and accessory drawings to identify components mentioned below.

#### **A) ELECTRICAL SUPPLY**

Before operating the machine, make sure that the electrical requirements are met. The Jet Vac 2000 is designed to operate on 115V power supply fused with a 15 amp breaker. Insert the plug (21) into a 115V grounded outlet.

#### **B) FILLING WITH WATER**

Unscrew the valve cap (22) and add water using the fill bottle provided. When the boiler is full, the valve on the fill bottle will activate, preventing overfilling.

**WARNING:** Do not use any chemical agents in the boiler. This could cause blockages and deterioration of the machine and accessories rendering the product warranty null and void.

### **C) ATTACHING HOSE**

To use the machine with the vacuumated tools use the following instructions. Insert the vacuum hose (15) into the vacuum hose outlet (7) and the steam plug (17) into the steam outlet (20) found on the front of the machine. Both fittings lock into place. It is recommended that hoses be fitted to the machine before turning the boiler ON.

### **D) BOILER ACTIVATION**

Activate the boiler switch (11) and the steam/vacuum command switch (12). The handle control switches (25 and 26) should be in the OFF position. When the water is heated to operating temperature the green ready steam indicator (10) will light.

### **E) STEAM ACTIVATION**

When the unit has reached operating temperature, steam will issue from the machine when the steam command switch (26) is turned ON. When the tools are cold, water caused by internal condensation will issue from the nozzle before the steam. Steam volume can be regulated by turning the steam volume knob (13) clockwise for minimum volume and counter-clockwise for maximum steam. If the steam volume knob is turned all the way clockwise, the flow of steam will be cut off.

### **F) VACUUM ACTIVATION**

To set the vacuum up for operation, verify that the ON/OFF switch (2) on the vacuum unit (1) is in the ON position. To turn the vacuum ON while the machine is in steam operation, turn the vacuum command switch (25) ON.

**NOTE:** When the vacuum is turned on while steam command switch is on, power input to the boiler is reduced. For this reason is best to turn the steam command switch OFF before activating the vacuum. This will help maintain high steam pressure and temperature for best cleaning results.

### **G) ATTACHING ACCESSORY TOOLS**

**Note:** Steam and vacuum command switches (25 and 26) should be in the OFF position when changing tools.

#### **Floor Tool (42)**

The multi-purpose floor tool has 2 inserts (45 and 46) which may be inserted for different cleaning applications. Inserts are locked in place by sliding the red lock/release latches (43) in, pushing the insert into place and then sliding the lock/release latches out again.

#### **Suction Nozzle (51)**

The suction nozzle can be used by itself or with the upholstery nozzle (50).

#### **Extension Tubes (41)**

Extension tubes can be used if necessary. These attach directly to the hose assembly and then to either the floor tool or suction nozzle. Extension tubes lock into place by sliding the latch (40).

## **H) STEAM ONLY ACCESSORY TOOLS**

The Jet Vac 2000 can be used as a steam only machine by fitting the steam only tools. When fitting the steam only hose assembly (60 - 63) the steam vacuum command switch (12) must be in the off position.

To steam clean choose the appropriate accessory (e.g. triangular brush (68), rectangular brush (not shown), steam nozzle (65), detailing brush (66)). Connect the extension tubes (64) and secure in place by setting the quick release latches (63). You may choose to use one or more extension tubes. When using the large rectangular or triangular brushes, wrap a cloth around them in order to maximize the cleaning effect and collection of dirt. Use the special clamps provided on the tools to secure the cloth in place.

## **I) REFILLING**

When the water is depleted from the boiler, the red low water indicator (9) will light. It will then be necessary to re-fill the boiler to continue use. Due to internal pressure it is not possible to remove the valve cap (22). To release the internal pressure, turn the boiler switch OFF and turn the steam command switch (26 or 62) ON. This will release the internal pressure. When the pressure is reduced, the valve cap can be removed.

## **SAFETY DEVICES**

The Jet Vac 2000 is fitted with 5 independent safety devices.

- 1) pressure switch
- 2) thermostat
- 3) safety valve (22)
- 4) temperature limiter
- 5) 12 Volt handle control switches

## **MAINTENANCE**

### After each use:

- flush hoses with clean water
- clean & dry all accessory tools
- wash and dry cleaning cloths
- remove vacuum tank (5), empty and clean

Note: the Jet Vac steam tools can be used to clean and sanitize the tank!

### Occasionally:

- lightly lubricate joints and o-rings on accessory tools

### After 500 hours:

- de-calcify boiler (see below)

Turn OFF machine and allow to cool completely, unscrew valve cap (22) and add 1 litre of deliming solution with 1 litre of water. Allow to stand for at least 8 hours. Place a container under the machine below the drain plug (23). Remove drain plug and allow solution to drain out. Rinse by replacing plug and filling unit with fresh water. Drain again. Tighten drain plug. Machine is ready to use again.

## TECHNICAL SPECIFICATIONS

Body	High Impact ABS
Boiler	Stainless Steel AISI 304
Operating Pressure	60 psi
Power Supply	120V, 60Hz
Total Power	2,500W
Vacuum Motor	1,000W
Boiler Output (max.)	1,500 W (input is reduced when vacuum motor is running)
Max. Current	13 amps
Boiler Volume	4 quarts
Power Cord	7 ft, 14/3 SJTO
Weight	40 lbs.
Vacuum Motor	1,000W
Vacuum Capacity	14 quarts
Vacuum Airflow	100 cfm
Vacuum Waterlift	85"

## WARNINGS

Do not detach any accessories while producing steam.

Do not use for cleaning surfaces containing any potentially hazardous or health endangering materials.

Do not use the machine in corrosive or flammable environments.

## *Servicing*

Any servicing required should be carried out by qualified personnel.

This machine is fitted with a grounded power cord.

Always use the appropriate parts when making any repairs. Failure to do so may compromise the safety of the product.

Always use genuine NACECARE SOLUTIONS parts for any repairs required.

NACECARE SOLUTIONS reserves the right to make technical or structural changes at any time.

Accessory tools may be changed, added or deleted from the machine package as deemed necessary by NACECARE SOLUTIONS.

# RECEIVING CHECKLIST

## NACECARE SOLUTIONS Jet Vac 2000

Upon receiving your machine, please check that the following items are included in the box.

- 1 Jet Vac 2000 unit
- 1 steam / vacuum hose assembly
- 2 steam / vacuum wand sections
- 1 steam hose assembly
- 2 steam wand sections
- 1 floor tool
- 1 squeegee insert for floor tool
- 1 squeegee/ brush insert for floor tool
- 1 triangular brush with cloth clip
- 1 rectangular brush with cloth clip
- 1 large lance for steam / vacuum hose
- 1 wide gulper tool
- 1 window squeegee tool
- 1 vacuumated window squeegee tool
- 1 cloth for above
- 1 water fill bottle
- 1 package of terry cloth towels
- 1 bag containing:
  - 1 small lance
  - 1 round brass brush
  - 1 round synthetic brush
  - 1 small triangular brush
  - 1 chewing gum removal tool
  - 1 sink plunger

**If any items are missing, please contact NACECARE SOLUTIONS.**

**Tools package is subject to change without notice as deemed necessary by NACECARE SOLUTIONS.**