

Manufacturers of Carpet Cleaning Equipment, Chemicals,
and Janitorial Supplies.



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WARRANTY

The Scooter™

We **Namco Manufacturing, Inc.** (herein after referred to as **NAMCO**), hereby warranty all Namco Cleaning Equipment against defects of workmanship, parts and labor under the condition that the PURCHASER BUY AND USE CHEMICALS FROM **NAMCO** ONLY.

The motors and pump have a one (1) year pro-rated warranty, excluding labor, as follows:

PARTS PRO-RATED OVER 1 YEAR	CHARGE TO THE CUSTOMER
0 - 90 days	NO CHARGE FOR PARTS
3 - 6 months	25% of the List Price for Parts
7 - 9 months	50% of the List Price for Parts
10 - 12 months	75% of the List Price for Parts

THE WARRANTY IS LIMITED TO 90 DAYS ON LABOR. Thereafter, labor will be charged to the customer at the prevailing hourly rate.

Namco Manufacturing, Inc. is not responsible for any work performed on, equipment furnished thereto or repairs effected upon any of its products by other than **Namco Manufacturing, Inc.** or authorized dealer personnel.

The Warranty obligation extends only to the repair or replacement of parts found, upon **Namco Manufacturing, Inc.** examination to be defective. Abuse or negligent to the unit will void manufacturer warranty.

The foregoing constitutes Namco's entire warranty and no other warranty, liability, contingency or responsibility, direct, indirect, consequential or in any other way connected with the sale or operation of Namco's machine or chemical products is expressed or implied.

NOTICE: TO AVOID DAMAGES AND CANCELLATION OF WARRANTY USE ONLY NAMCO PRODUCTS AND FAILURE TO COMPLETE AND RETURN THE ATTACHED WARRANTY RECORDS CARD WITHIN TEN (10) DAYS OF RECEIPT OF MACHINE BY PURCHASER WILL VOID THE WARRANTY.

NOTICE THIS WARRANTY DOES NOT APPLY TO ABUSE OF EQUIPMENT WHICH WILL BE DETERMINID BY NAMCO.

Namco

Manufacturing, Inc.

9034 LONG POINT RD. STE B

HOUSTON, TX 77055

Purchaser: _____

Equipment: _____

Identification number: _____ Date Purchased: _____

**MUST BE TURNED IN WHEN MACHINE IS DELIVERED
OR WARRANTY WILL BE VOIDED**

NOTE

**WHEN DYEING CARPET,
IT IS ADVISABLE
TO LEAVE THE SCOOTER
OUTSIDE OF PREMISES
IN ORDER TO
AVOID SPILLAGE**

1. WHEN THE MACHINE IS DELIVERED

Check the carton and machine carefully for signs of rough handling. Remove the machine from the carton. **IF THE MACHINE IS DAMAGED, NOTIFY THE CARRIER IMMEDIATELY AND REQUEST AN INSPECTION.** Be sure to keep the carton, packing list, packing inserts and carrier's receipt until the inspector has verified your claim. Manufacturer's liability ceases when carrier picks up the machine or shipment.

2. BEFORE OPERATING THE MACHINE

Read the Manual carefully and completely before attempting to operate the unit. This Manual has important information for the use and safe operation of the machine. Keep this manual handy at all times.

3. GENERAL PRECAUTIONS

1. Make sure the machine is plugged into an electrical outlet with the same voltage as shown on the switch plate of the machine. **DO NOT** attempt to plug a 115-volt machine into a 220-volt outlet.
2. Disconnect power cord from the outlet before attempting maintenance or repair work. **DO NOT** leave machine connected to an electrical outlet when unattended.
3. **DO NOT** abuse power cord. Never pull the machine by the cord or yank the plug from the receptacle. The machine is operated on a wet carpet and a potential shock hazard can result from a damaged cord. Replace a damaged cord immediately.
4. **DO NOT** operate machine in standing water. Such use can cause electrical shock.
5. **DO NOT** use volatile substances such as gasoline or kerosene in the machine or on or near the surface to be cleaned. The use of such materials could cause an explosion and fire.
6. If an extension cord is necessary, use a three conductor grounded cord 12 gauge wire or heavier to prevent motor burnout and over heating of wire.
7. To avoid electric shock, **DO NOT** expose to rain - store indoors.

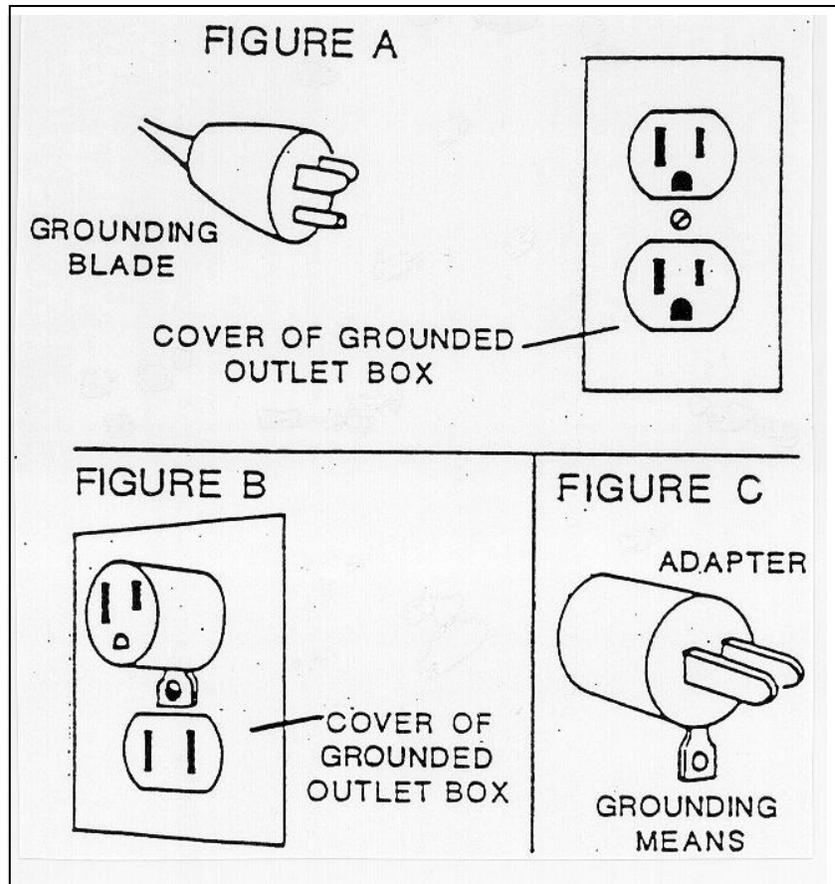
4. GROUNDING INSTRUCTIONS

To protect the operator from electrical shock, the machine is factory equipped with an approved three-conductor cord and grounding plug. **(figure A - see page 2)**

This plug is to be used only with proper grounding type receptacles.

The machine has a plug like the one shown in figure A. An adapter **(figure B & C - see page 2)** is available for connecting three prong type plugs to two prong receptacles. The green rigid lug extending from the adapter must be connected to a permanent grounding such as a properly grounded outlet box. **DO NOT** break off or pull out the grounding blade.

4. GROUNDING INSTRUCTIONS



WARNING

**NEVER connect the green wire to a live terminal.
This machine is to be used on an electrical circuit of
110 to 120 volts AC.**

The extractor is engineered and designed to require minimum maintenance. But like any machine, it does require some care to keep it in optimum working condition. Careful attention to these maintenance instructions will give you maximum operating performance and increase the life of your machine.

CAUTION: Disconnect power cord from the outlet before doing any maintenance work on the machine.

Flush machine and accessories after each use or at least once a day with clean water.

1. SOLUTION FILTER SCREEN

Outside attached to the Solution Hose there is a filter screen that serves as a filter to prevent dirt or debris from getting into the pump. Clean as needed.



2. VACUUM FILTER

Always keep the filter clean in order to maintain maximum suction and airflow performance from the vacuum motors. The filter also prevents lint from accumulating in the fan chamber thus increasing the productive life of the motor. DO NOT operate the machine without the filter installed! If the filter gets dirty or damage, replace immediately.



3. VACUUM MOTORS

Brush mechanisms (carbon brush, spring and holder) should be replaced after 500 hours or when the carbon brushes are worn down. Both brushes should be replaced at the same time. If there is excessive sparking have vacuum motors checked immediately to prevent possible electrical shock or damage to motors. Also check bearings for excessive play on fan. If any play replace the motor immediately. NOTE: Avoid overflowing of the recovery tank. Damage could result from excessive water in vacuum motors.



4. ELECTRICAL

Inspect for any wires with frayed insulation. Check for loose connections and/or corroded terminals. Check wire nuts for tightness. Check plug end for bent or loose prongs and if necessary replace with approved plug. Unit must always be grounded or electrical shock could occur.

1. IDENTIFYING YOUR SCOOTER MACHINE



THE SCOOTER 1000 JR
DIMENSIONS:
40 ½" H x 16" W

THE SCOOTER 2000AP
DIMENSIONS:
44" H x 16" W

(BACK SIDE CAGE)

1 ea. 12 A.G. 25ft.
POWER CORD



THE PISTOL
DIMENSIONS:
44" H x 16" W

(FRONT SIDE CAGE)

DUMP VALVE AT FRONT SIDE

1 ea. 12 A.G. 25ft.
POWER CORD



THE SCOOTER
40001 HUSKY
DIMENSIONS:
44" H x 16" W

(BACK SIDE CAGE)

2 ea. 12 A.G. 25ft.
POWER CORD



2. ELECTRICAL SYSTEM

PROBLEM	POSSIBLE CAUSE	HOW TO REPAIR
No electrical power	<ol style="list-style-type: none"> 1. Defective cord. 2. Circuit breaker off or fuse blown or blow circuit blower. 3. Not using 20 Amp circuit breaker. 	<ol style="list-style-type: none"> 1. Replace 2. Turn circuit breaker on or replace fuse. Unplug any equipment using the same circuit 3. Use 20 amp circuit breaker
Switch is turned on, power is intermittent to all motors.	<ol style="list-style-type: none"> 1. Faulty electrical cable. 2. Defective Switch. 3. Loose terminal or corroded connector 	<ol style="list-style-type: none"> 1. Repair or replace. 2. Replace 3. Replace
Electrical Shock	<ol style="list-style-type: none"> 1. Equipment not grounded 	<ol style="list-style-type: none"> 1. Replace grounded outlet.

NOTE: Must use two (2) circuit breakers when using 2 power cords.

3. VACUUM SYSTEM

PROBLEM	POSSIBLE CAUSE	HOW TO REPAIR
Vacuum motor on, little or no vacuum on suction head (wand) or upholstery tool.	<ol style="list-style-type: none"> 1. Lid is not closed. 2. Hose or wand clogged. 3. Drain valve not closed. 4. Loose or no vacuum hose connection inside the machine. 5. Clogged ball float. 6. Lint accumulation in fans. 	<ol style="list-style-type: none"> 1. Close lid. 2. Clean 3. Push drain valve handle down. 4. Check interior vacuum hose & connect to the right adapter on motor. 5. Clean filter 6. Remove & clean motor fans.
Not enough Vacuum Power at the machine.	<ol style="list-style-type: none"> 1. Accumulate dirt on the ball float cage & filter. 2. Worn out lid gasket. 3. Lint & dirt build-up on suction head (wand). 4. Defective vacuum hose or cracked hose. 	<ol style="list-style-type: none"> 1. Clean 2. Replace 3. Clean 4. Replace
Vacuum motor runs intermittently.	<ol style="list-style-type: none"> 1. Worn out brush Assem. 2. Brushes worn out. 	<ol style="list-style-type: none"> 1. Replace 2. Replace

4. PUMP SYSTEM

PROBLEM	POSSIBLE CAUSE	HOW TO REPAIR
Pump motor does not go on.	<ol style="list-style-type: none"> 1. Faulty motor. 2. Pressure switch defective. 3. Pump switch defective 4. Loose wire connection. 5. Pump pressure switch defective. 6. Defective motor or rectifier. 7. Male & female connector not connected. 	<ol style="list-style-type: none"> 1. Replace. 2. Release pressure. 3. Replace. 4. Tighten connections. 5. Replace. 6. Replace. 7. Push male connector all the way into female connector.
Loss of pump pressure with wand valve open, spray from wand below normal.	<ol style="list-style-type: none"> 1. Pump suction hose sucking air. 2. Solution filter screen is plugged. 3. Pump check valve worn or dirty 4. Bad pump. 5. Malfunction in the wand valve. 6. Hose quick connect bad or clogged with lint. 7. Syphon Hose kinked or collapsed 	<ol style="list-style-type: none"> 1. Replace hose or keep solution control handle depressed until air is completely out of line. 2. Remove & clean 3. Clean debris from pump. If worn replace. 4. Repair or replace. 5. Repair or replace. 6. Replace or cleaning on front of machine & all hoses. 7. Replace Hose.
Uneven or weak spray from tip.	<ol style="list-style-type: none"> 1. Clogged or dirty spray tip. 2. Accumulated dirt in Solution line. 3. Dirty filter screen 	<ol style="list-style-type: none"> 1. Clean tip, hoses & control valve. 2. Clean 3. Clean, located behind tip
Pump fails to turn off when the wand valve is closed.	<ol style="list-style-type: none"> 1. Defective pressure switch. 2. Defective internal part of pump. 	<ol style="list-style-type: none"> 1. Replace 2. Locate defective part or replace.
Pump motor runs intermittently.	<ol style="list-style-type: none"> 1. Damaged carbon brushes. 2. Brushes worn out 3. Thermal overload. 4. Pressure switch needs adjustment. 	<ol style="list-style-type: none"> 1. Replace. 2. Replace. 3. Replace. 4. Adjust hex screw on front of pump left or right until pressure builds up. (turn slightly) No more than one turn either way.

4. PUMP SYSTEM

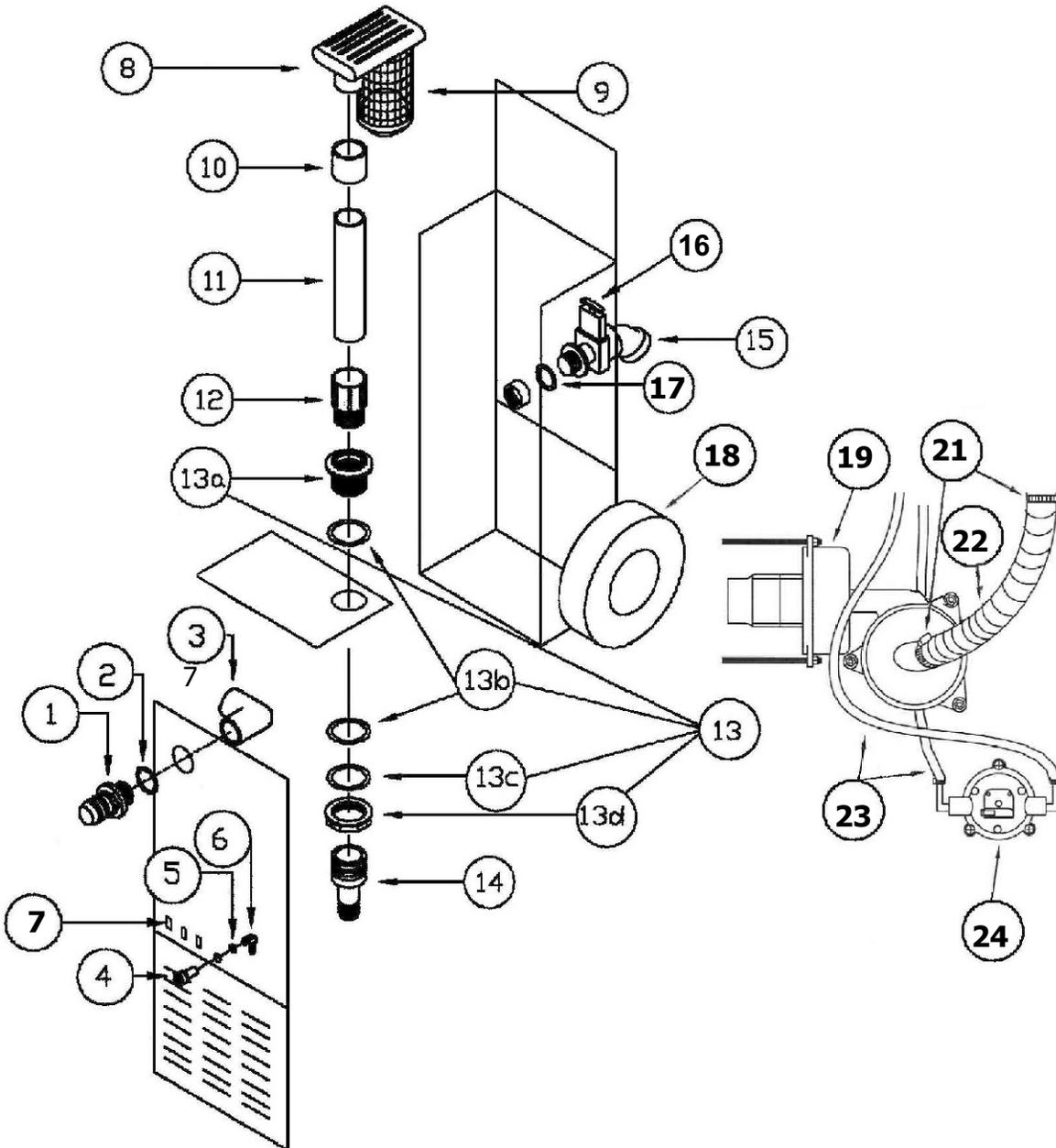
PROBLEM	POSSIBLE CAUSE	HOW TO REPAIR
No pressure or solution at all.	1. Both male & female quick disconnects not plugged in properly. (most common cause of pump not working)	1. Using process of elimination. Insert hard rubber on the end of a pencil into female quick disconnect on front of machine with pump on. If water sprays out of this connector, do the same thing at the end of your solution hose connect. If solution comes out of this hose, then you know your problem is in the wand.

5. SHUR FLO PUMP ASSY



No.	PART No.	DESCRIPTION
1	P316	SHUR FLO PUMP 100 PSI
2	P394	SHUR FLO PRESSURE SWITCH
3	P373	SHUR FLO UPPER HOUSING
4	P372	SHUR FLO VALVE PLATE KIT
5	P375	SHUR FLO DIAPHRAGM AND PISTON KIT
6	P374	SHUR FLO DRIVE KIT
7	P391	SHUR FLO HOSE BARB 3/8" X 3/8"

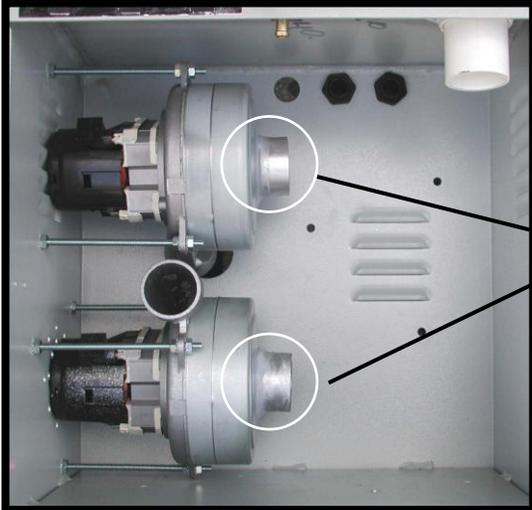
6. SERVICE KIT FOR STAND PIPE ASSY COMPLETE AND DUMP VALVE



No.	PART No.	DESCRIPTION
1	P265	1 1/2" MALE HOSE BARB
2	G1RR	RRR GASKET
3	P408	FEMALE THREAD X FEMALE SLIP 90° 1 1/2"
4	P489	QUICK CONNECT FEMALE 1/4"
5	P416	WASHA 9/16" STAINLESS STEEL
6	P114	HOSE BARB 90° BRASS 1/4" x 3/8"
7	P292	ROCKER SWITCH
8	P287	FLOAT ASSY
9	P313	BALL AND CAGE
10	P112	1 1/2" PVC SLIP x SLIP
11	P312	17 1/2" X 1 1/2" PVC
12	P402	MALE THREAD 1 1/2" X FEMALE SLIP 1 1/2"
13	P413	LUCKNUT FITTING 1 1/2" ASSY
14	P540	HOSE BARB 1 1/4" x 1 1/2" MALE THREAD

No.	PART No.	DESCRIPTION
15	P417	DOWN SPOT
16	P280	DUMP VALVE 1 1/2"
17	G657	1 1/2" RUBBER GASKET
18	P333	PNEUMATIC WHEEL 10"
19	P340	VACUUM MOTOR SMALL, 2 STAGE STRAIGHT
19	P377	VACUUM MOTOR SMALL, 3 STAGE STRAIGHT
21	P278	HOSE CLAMPS WORN GEAR 1 /16"-2 3/4"
22	P415	WIRE HOSE 2"
23	P392	GRAY HOSE 3/8" - 2FT ¹³
24	P316	SHUR FLO PUMP 100 PSI
24	P316	SHUR FLO PUMP 150 PSI

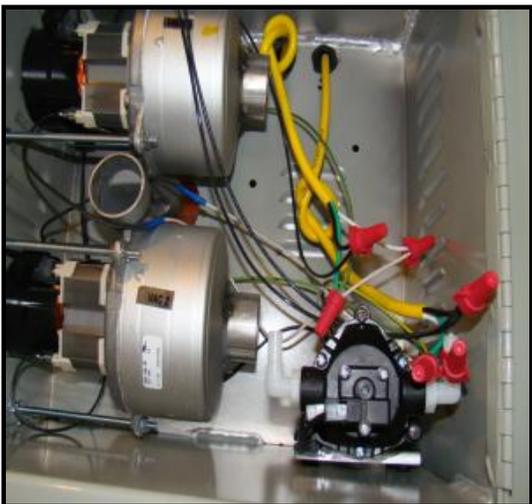
PARTS – MOTORS IDENTIFYING YOUR SCOOTER 2-STAGE OR 3 STAGE VACUUM MOTORS (BLACK OR GRAY)



**#P340
VACUUM MOTOR SMALL
2 STAGE STRAIGHT
2" HOSE CONNECTOR**



**#P377
VAC MOTOR SMALL
3 STAGE STRAIGHT
2" HOSE CONNECTOR**



**#P340B
VAC MOTOR SMALL
2 STAGE STRAIGHT
2" HOSE CONNECTOR**



**#P377B
VAC MOTOR SMALL
3 STAGE STRAIGHT
2" HOSE CONNECTOR**



Use 50% Less Water And chemical For Carpet Cleaning

New way to clean carpets and leave it squeaky clean, just spray down a diluted formula of Namco's Magnum Blue Pres-Sprayer, then rinse with Namco's Acid Rinse Fast Dry Carpet Cleaning Solution.

You can literally blast food stains, tar, oil, and grease away with using Namco's 100-PSI Pre-Sprayer with a 36" wand or Namco's Scooter. The pressure is right down on the stain, including traffic areas in front of kitchen doors and living areas. Let set for 3-5 minutes, and then rinse with Namco's Low pH Fast Dry.



Our "New" Fast Dry Rinse not only leaves carpet and upholstery squeaky clean, you eliminate carpet deodorizers, which have soap in them. You also eliminate brown stains in carpet created by a high pH cleaner and your carpets dry 2-3 times faster.

Namco's Fast Dry is loaded with Isopropyl Alcohol "Germ Killer", plus lemon/lime extract. You will note the cleaning power of Isopropyl Alcohol and lemon juice a true disinfectant, and a squeaky clean product. This product is ideal for Truck Mounts for cleaning out Heat Exchangers.

Write or call for a free 1 gal sample, all we ask you do is pay the freight. Your first order of 1 gal of Namco's Magnum Blue and 1 Gal of Namco's Fast Dry Carpet Shampoo are absolutely "free.... try it!"

1. Fill 5 gallon Bucket with hot or cold water. Put Solution Line (incoming) in bucket. Add 16oz. of Magnum Blue Pre-spray and Traffic Lane Cleaner.



2. Connect 60 ft. Solution Hose to Scooter Machine, by pressing female quick connect all the way back, so that fully connect male to unit. Note: These two connectors must be all the way in for solution pump to run



3. Spray all carpet areas with the Magnum Blue Clnr. Note: With tough stains such as food, grease, oil, tar or traffic lanes, hold gun barrel 1 or 2 inches off carpet to blast stains away. If you spray enough Magnum Blue mix on carpets you will see most organic stain disappear within two or three minutes.



Remember, Magnum Blue is a very high alkaline product about a pH of 12.5 to 13 so it is one heck of a degreaser and organic stain remover, however this product will not remove red stains or bleach stain, which removal will be covered later on.



Note: keep vacuum hose out of the way while spraying Magnum Blue down. Next, disconnect spray gun and connect solution hose to floor wand, then connect vacuum hoses to both machine and floor wand.

4. Rinse bucket out and replace with just plain hot water. Note: if you want very hot water, plug in our 1500-Watts Bucket Heater before you start.



You should have real hot water in a short time if you plan your cleaning job right. Add 16 oz. of Namco's Fast Dry Rinse to 5 gallon of hot water for the regular carpet cleaning.

Note: carpets can be cleaned with hot or cold water. You now are cleaning carpets with a low pH of 1.5 to 2 pH on the acid side.



This product is loaded with lemon extract and Isopropyl alcohol so not only does it kill bacterial, it will cause the carpets to dry faster with a pleasant lemon fragrance.

5. By pressing the control level and holding it down on the forward and reverse motion, not only will you remove the soap in the carpets, the carpet will become squeaky clean. I usually use two forward and two reverse strokes with solution and the same with the control off for drying with the rinse cycle.



6. You now should have a very clean carpet. But if you want the carpets dry faster, use a carpet Blower as you finish each room.



7. Always use Foam Brake Defoamer if there is a lot of soap in carpets and foam is present in dirty water tank.



The airflow creates evaporation, so the carpet will dry 3 times faster. Also using Fast Dry on a rinse is loaded with Isopropyl alcohol will cause the carpets to dry twice as fast.

8. If the carpets smell dog or cat urine, organic smell, smoke or whatever, finish off by-spraying Liquid Alive Bacteria with the spray gun



after you finish cleaning carpets. Using just 2 gal. of cold water in your bucket, add 16 oz of Liquid Alive, and then using the spray gun spray entire carpet, using more on bad areas.

Note: Do not suck back up, Liquid Alive works only in wet areas, so remember just mist most areas. You will never have a smelly carpet again. You can fog the area also.

9. To close Scooter down: Spray Scooter down inside and dump in commode or toilet. Release pressure on pump and run vacuums for approximately 1-2 minutes to get all water out of vacuum hoses and dampness out of motors.



10. Wind up hoses and put in bag. The hose bag will fit on the front of the Scooter, just tie string on hose bag around floor wand.



11. The dump valve is high enough to fit over a commode. If you want to work out of the bathroom using your bathtub as a solution tank or you can work out of a kitchen sink in Restaurant area or block a room in a Motel/Hotel area. You can use 100 ft. Hoses with The Scooter Husky or PT5000.



APPLICATIONS & PROCEDURES**1. CLEANING TIPS**

- Check the condition of the area to be cleaned. Look for loose carpet, heavily soiled areas, stains or spots and worn areas. Bring these to the attention of the person in charge before performing the cleaning job. Make sure all edges of the carpet are securely tacked in place and all seams are sewn (or glued) tight. This is for your protection.
- Locate an inconspicuous spot on the area to be cleaned. Test the carpet for colorfastness before proceeding. Pour the concentrated cleaning solution on a clean white towel. Place towel on spot and press firmly on top of the towel for approximately 30 seconds. If there is no color transfer, it should be safe to clean. Apply this procedure if different color texture carpet is seen in adjacent rooms or areas to be cleaned.
- Remove the furniture from the areas to be cleaned. Large pieces can be moved to opposite ends of the room from where you start cleaning and replaced when it is completed. After cleaning carpet, place a plastic furniture protector or form block under the furniture legs to prevent moisture from damaging the finish or rusting the metal glides.
- Clean the area with an upright vacuum, REMEMBER: 80% of soil is removed simply by proper vacuuming prior to cleaning. **DO NOT USE THE MACHINE AS A DRY VACUUM**, unless you use the dry vacuum attachment or tank. Heavily soiled carpets or areas of concentrated foot traffic should be treated with recommended **Pre-Spotting** agents. Optional **Pre-Spray Guns** are available for use with the machine. If a spotter is used, follow the directions on the label.
- Identify the types of carpet fibers to be cleaned. Most commercial carpet fibers are synthetic based. **(see page 14 for Allied Commercial Report)**. Best results in cleaning would be obtained if hot water is used to clean these types of fibers. On the other hand, hot water would shrink natural fiber carpeting, like wool and cotton in particular. Exercise caution when cleaning natural fibers. Do a colorfastness test with cool water and apply a more diluted cleaning solution for the cleaning process.
- Plan your cleaning route. Start cleaning at the farthest point away from where you plugged in the machine and work toward the outlet so that the cord will not get in the way.
- A condition called browning or **"wicking-up"** (discoloration from the carpet's jute backing that appears on the pile tips) is a rare condition that shows up on light colored carpets a day after cleaning. Question the person in charge so as to find out the age of the carpet. You will find that older carpets are more susceptible to browning. This condition can be corrected by spraying a mixture of Brown Out & water. This spray can also be used for pet stains, which sometime cause browning of carpets. Immediately scrub with a brush or terry towel.

APPLICATIONS & PROCEDURES

- **NAMCO Carpet Blower/Dryers & Dehumidifiers** are available for quick drying of carpets.
- To speed up the drying time of carpets that have just been cleaned, the air-mover (3-speed/2500 CFM) variable speed may be placed on the carpet during the cleaning process. Avoid walking on the carpet until it is dry. This blower can also be used for flooded carpets. NOTE; Wet-VAC all excess water out of the carpet first with the Scooter and then pull up one corner of the carpet and insert the carpet dryer under the carpet. This will move air up and under carpet and possibly dry the padding without removal.

2. TO CLEAN HARD FLOOR SURFACES

The use of our optional **Squeegee Wand Assembly** gives the extractor the versatility of being in cleaning and sanitizing hard floor surfaces. This **Squeegee** wand has a tremendous advantage over the use of a string mop in that you can use it to rinse dirt, grease, stubborn spots, food, etc... and all the dirty solution is vacuumed up and rinsed with clean water at the same time leaving the floor practically dry. This **Squeegee** wand is designed to clean most commercial kitchen floors, tile floors, and linoleum floors without the need or use of a mop.

3. TO USE THE SQUEEGEE WAND

1. Sweep and remove all debris from surface being cleaned.
2. Spray with recommended tool the proper floor cleaning solution.
3. Connect squeegee rinse wand in the same manner as regular carpet floor wand and thoroughly rinse and vacuum up entire surface.

4. TO CLEAN UPHOLSTERY

Cleaning upholstery with success requires a good knowledge of the type of fabric to be worked on. Look for the cleaning instructions label sewn on the underside of the furniture for the recommended method of cleaning the fabric. If it calls for dry-cleaning, DO NOT attempt to clean with the wet extraction method. Otherwise, damage to the fabric could occur. The extraction method is effective on most synthetic, wool and cotton fabrics.

Before proceeding, always test the fabric to be worked on for colorfastness. Pour a small amount of cleaning solution on to a white terry towel and apply to an inconspicuous spot. Apply pressure for approximately 30 seconds and then check towel for any color transfer. If any color comes off, or transfers DO NOT continue.

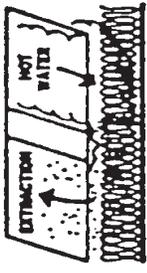
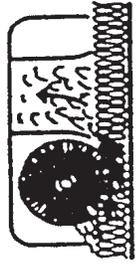
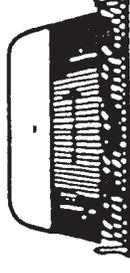
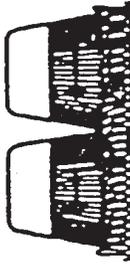
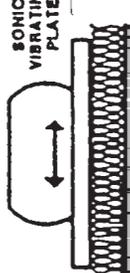
1. Attach vacuum hose end to upholstery tool and solution connecting coupler to the tool; make sure the couplers have been connected properly.

APPLICATIONS & PROCEDURES

2. Turn on the vacuum and pump switches.
3. Pull the upholstery tool towards you while squeezing the solution lever. NOTE: Avoid over wetting. Make overlapping passes to prevent streaking. Go over the cleaned area without depressing the lever, (vacuum only) and gauge the amount of moisture thru the view tube for dryness. On heavily soiled areas like armrests, treat with a **Pre-Spray**.

**ALLIED CHEMICAL IS ONE OF THE WORLD'S LARGEST MANUFACTURERS
OF SYNTHETIC FIBERS.**

**BELOW IS A COMPARISON OF CARPET CLEANING METHODS AVAILABLE ALONG WITH
THE ATTRIBUTES OF EACH METHOD.**

<p>Steam-Extraction The steam-extraction system is based on injection of a jet of hot water containing detergents at a prescribed rate and subsequent extraction by a vacuum system.</p>		<ol style="list-style-type: none"> 1. Does excellent cleaning. 2. Does not cause pile distortion or flaring. 3. Built-in vacuum removes soil. 4. There is no residue of shampoo to collect more dirt. 5. Excellent pile restoration.
<p>Cylindrical Brush-Dry Foam This system has a cylindrical brush which scrubs and picks up the foam generated by the machine in one pass.</p>		<ol style="list-style-type: none"> 1. Causes severe pile distortion and flaring of tufts. 2. Does have built in vacuum, which removes shampoo and dirt.
<p>Rotary Brush-Wet Shampoo A rotary brush cleaner using wet shampoo. A complete line of accessories including vacuum and drying equipment is also employed.</p>		<ol style="list-style-type: none"> 1. Causes severe pile distortion and flaring of tufts. 2. Does uniform cleaning. 3. Does not remove shampoo and soil.
<p>Small Rotary Brushes-Wet Shampoo This is also a rotary brush cleaner, but employs two brushes instead of one and is somewhat smaller than the rotary brush-wet shampoo machine.</p>		<ol style="list-style-type: none"> 1. Causes severe pile distortion and flaring. 2. Does very little cleaning. 3. Does not remove shampoo or soil.
<p>Sonic Cleaning Sonic cleaner consists of a vibrating plate, which gives a sonic cleaning action, causing activation of the foam.</p>		<ol style="list-style-type: none"> 1. Does not cause pile distortion or flaring. 2. Incurs less cleaning than above methods. 3. Has no method for removal of shampoo and soil.
<p>Cylindrical Brush-Dry Compound This is a cylindrical brush cleaner with two rotating brushes. It is a small machine designed for home use and uses a dry cleaning compound.</p>		<ol style="list-style-type: none"> 1. Causes excessive pile distortion and flaring. 2. Incurs less cleaning than above methods.

