# **DETRR** COLLECTION OWNER'S MANUAL



# pedicure spas



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# **Owner's Manual**

#### Standard Whirlpool Jet

#### **SANIJET®** Pipeless (Optional)

PETRA 700 PETRA 500 PETRA 450 PETRA 350R\*\* or V\*\*\* PETRA 300 PETRA 700-S\* PETRA 500-S PETRA 450-S PETRA 350R\*\* or V\*\*\*-S PETRA 300-S

S\*=SANIJET® Pipeless R\*\*=Roller Massage V\*\*\*=Vibration Massage

#### **Table of Contents**

| Introduction & Safety Standards                         | 3      |
|---|--------|
| Important Considerations                                | 4      |
| Identifying Parts & Description (For Petra 700 & 500)   | 5      |
| Massage System (For Petra 450, 350R, 350V & 300)        | 6      |
| Chair Assembly (For Petra 700&500)                      | 7      |
| Chair Assembly (For Petra 450, 350R, 350V & 300)        | 8      |
| Specifications (All Petra Collections)                  | 9      |
| Testing & Cleaning                                      | 10     |
| Maintenance for Pipeless S-type Pedicure Spa (SANIJET®) | 11, 12 |
| Maintenance for Standard Pedicure Spa (Whirlpool Pump)  | 13, 14 |
| Optional Discharge Pump installation guide              | 15     |
| Lubrication (For Petra 700 & 500 Series)                | 16     |
| Warranty Statement                                      | 17     |

#### Introduction

Thank you for purchasing the PETRA Whirlpool Pedicure Spa. This finest Whirlpool Pedicure Spa has been developed by J&A USA, Inc. to operate dependably for many years when used properly. Please take time to read this entire manual thoroughly before installation and use.

#### PLEASE READ AND FOLLOW INSTRUCTIONS CAREFULLY!

#### **Important Precautions**

J&A USA requires that you contact your local, qualified electrician and plumber to install your PETRA Whirlpool Pedicure Spa. It cannot operate efficiently or safely unless it is provided with adequate electrical power, sufficient water pressure, proper water temperature and required drain facilities. Information on these important subjects contained in this manual. We urge you to read it carefully to make sure these requirements are met.

#### Precautions

1 Excessive water temperature is dangerous and should be checked before use. Maximum water temperature should not exceed 100 deg. F. (38 deg. C.).

2 Always enter and exit the Whirlpool Pedicure Spa slowly and carefully.

3 Never bring and/or operate any electrical devices into or near the Whirlpool Pedicure Spa.

4 Do not stand in the whirlpool tub!

5 This Whirlpool Pedicure Spa has a weight capacity of 250lb.

# WARNING

Do Not use if you are diabetic, have poor blood circulation, or if any area of your feet or legs are inflamed or have open wounds. Consult a physician before using if you have any kind of fungal infection, swelling, fracture, or persistent pain. Massage should be pleasant and comfortable.

IF YOU EXPERIENCE PAIN OR DISCOMFORT, DISCONTINUE USE IMMEDIATELY AND CONSULT A PHYSICIAN.

This product in whole is in compliance with the applicable UL LISTED standards and requirements for the US and Canada by Underwriters Laboratories Inc.

Some of the components of this product are also in compliance with the applicable safety standards of the following:



US LISTED

#### **Important Considerations**

Please read the following instructions thoroughly

#### Inspection

Please take time to inspect each pedicure spa shipment thoroughly for damages immediately upon delivery. If damages are found, it is very important to notify the freight driver and indicate extent of the damages on the bill of lading. If you fail to do so, J&A USA will not be responsible for the damages and may not be able to make appropriate claims to the freight carrier. Any damage claims must be filed directly by receiver to the freight carrier.

#### **Electrical Service**

Each Foot spa must have its own dedicated 115V, 60 Hz, 15 Amp GFCI protected grounded circuit.

#### Water Supply

Water supply to the PETRA pedicure spa should consist of a system that will provide both adequate water pressure and water temperature. All plumbing connections must conform to local codes.

#### Water Pressure

Normal water pressure of 30 to 120 P.S.I. is required to correctly fill the tub to the proper level.

#### **Back Flow Prevention Device**

#### - For following states: AZ, CA, IL, MN, NE, NV, OR, TX, WA, and WI;

All PETRA pedicure spa are equipped with factory installed Dual Check Back Flow Preventer.

#### **Specification:**

Tested and certified to meet ANSI/ASSE standard 1024. CSA certified to standard No.B64.6

#### **Pressure / Temperature**

Maximum pressure: 150 psi (10 bars) Minimum pressure: 10 psi (69kPa) Working temperature: 33F to 140F constant; intermittent to 180F (0.6C to 60C sustained; intermittent to 82.2C) Maximum recommended flow: 15 gpm (571pm)

#### -For all other states:

As an option, the Dual Check Back Flow Preventer will be factory installed. \* Inquire with governing authorities for local installation requirements.

#### **Drain Facilities**

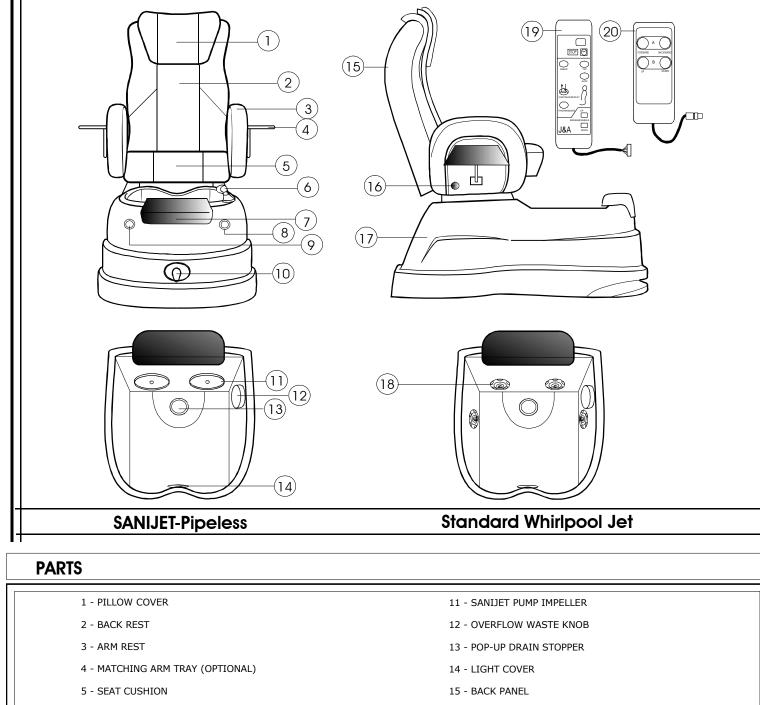
Connect the Foot spa drain to meet local plumbing codes. Please refer to the installation drawings on pages 9-10. Foot spa is recommended securely fastened to the floor Fasten the Foot spa with at least two fasteners.

#### **Installation Summary**

The installation must comply with local, state, and federal building, plumbing and electrical codes, where applicable. A licensed plumber should complete the plumbing of the pedicure spa. Note: Failure to comply with federal, state or local codes and ordinances will result in warranty being null and void.

# PETRA 700 & 500

**IDENTIFYING PARTS** 



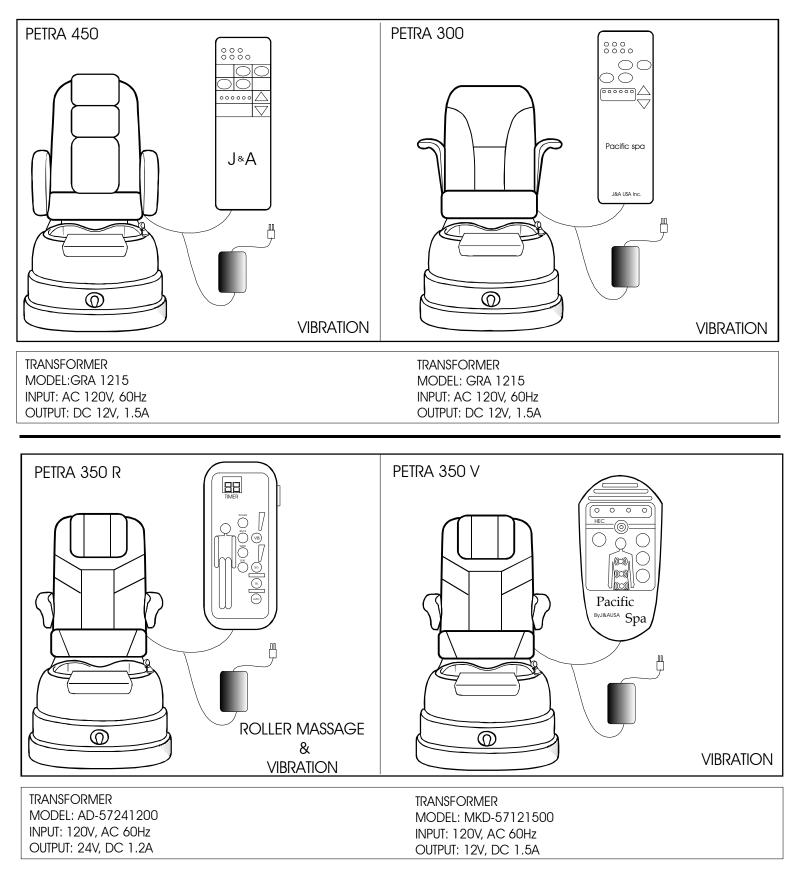
- 6 SHOWER SPRAYER7 ADJUSTABLE FOOT CUSHION
- 8 ON/OFF WHIRLPOOL BUTTON
- 9 OPTIONAL ON/OFF BUTTON (LIGHT or DISCHARGE PUMP)
- 10 FAUCET

- 16 ARM REST LEVER
- 17 BASE (SHELL)
- 18 WHIRLPOOL JET
- 19 MASSAGE REMOTE CONTROL
- 20 SLIDE / RECLINE REMOTE CONTROL

Due to continuous improvements on all our products; specifications, characteristics, packing, colors, designs are subject to change without notice

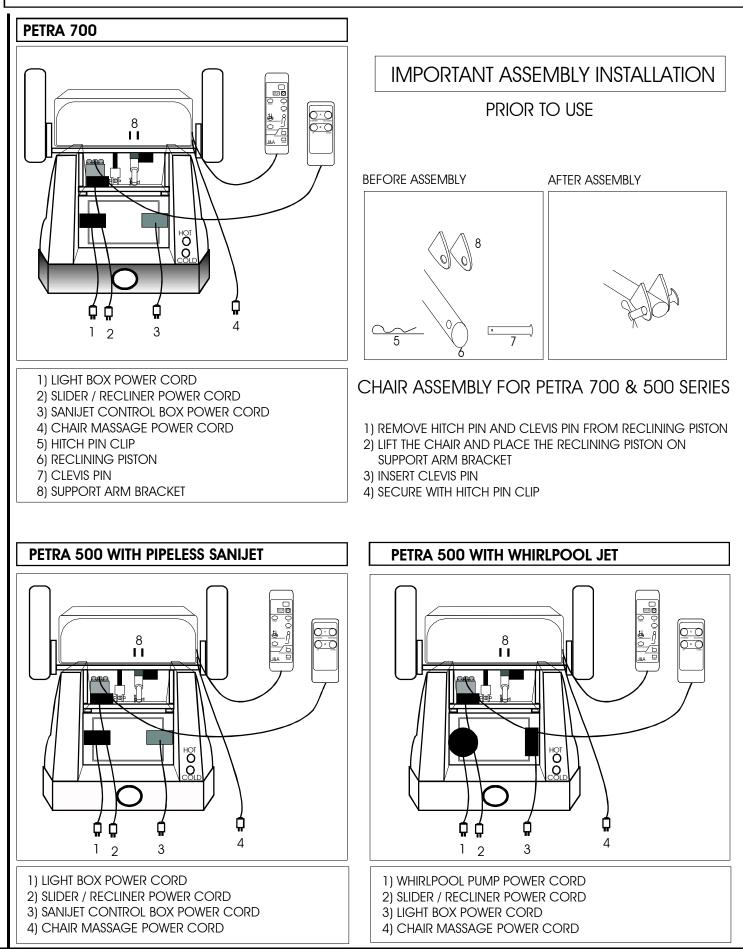
### PETRA 450, 350R, 350V & 300

MASSAGE SYSTEM



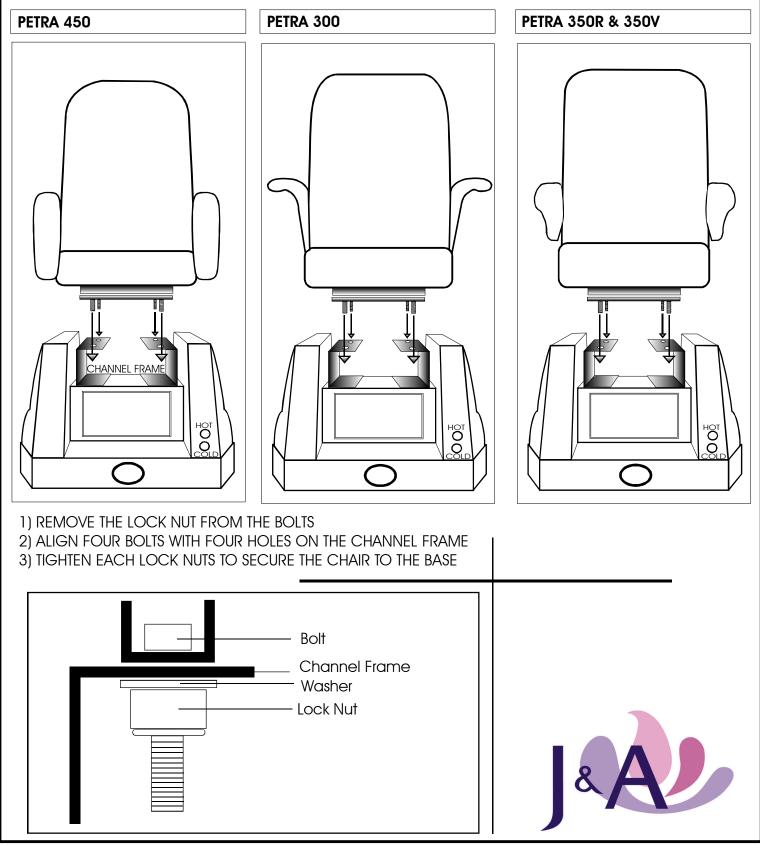
Due to continuous improvements on all our products; specifications, characteristics, packing, colors, designs are subject to change without notice

## PETRA 700 & 500 SERIES CHAIR ASSEMBLY

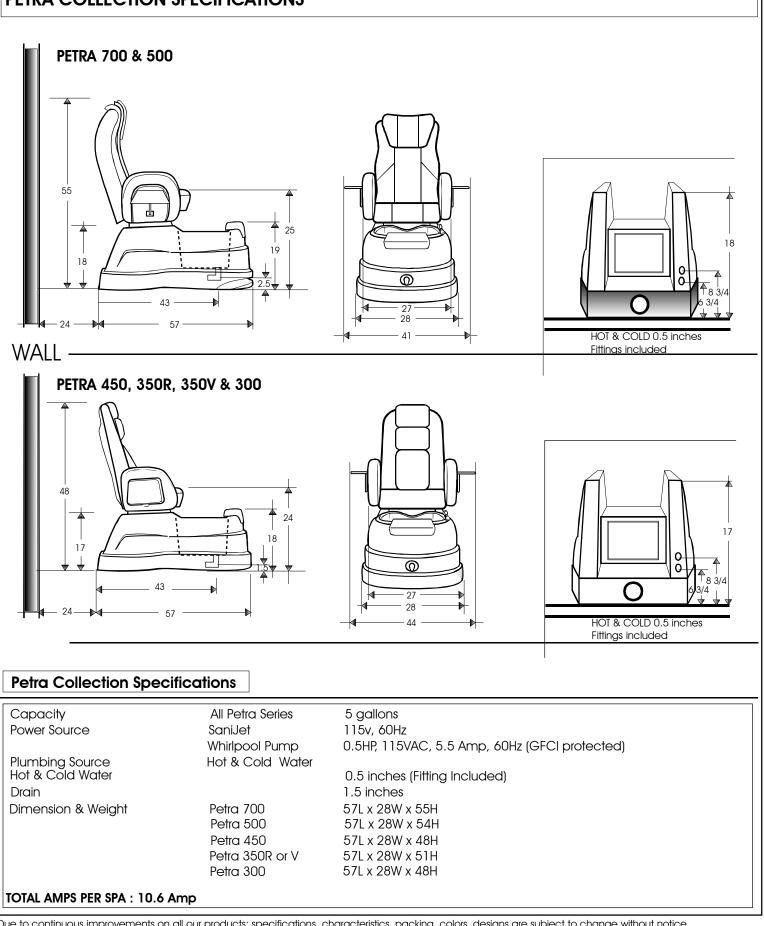


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# **Rear View**



### PETRA COLLECTION SPECIFICATIONS



Due to continuous improvements on all our products; specifications, characteristics, packing, colors, designs are subject to change without notice

#### **Plumbing Connections**

All plumbing connections should be made by a qualified, licensed plumber in accordance with local plumbing and building codes. Hot and Cold Water Supply Lines

Connect 1/2" ID supply tubes to a fresh water source. Shut-off valves should be utilized.

#### **Electrical Connections**

The Foot spa must be plugged into a GFCI protected outlet, installed by a licensed electrician.

#### **Testing the Foot spa**

Clean the tub and fill with water to the wave-mark (water level) on the wall of the tub. When the tub is filled with water, turn the switch on the front of the pedicure spa to activate the whirlpool pump. Water should be coming out of the jets and the Air Bleed spout. Check for whirlpool leaks. After checking under the tub for leaks, use the same switch to turn the whirlpool pump off and drain the tub basin by opening the overflow/waste control handle and turning on the Power Drain Pump if installed.

## Cleaning and Care of Your Foot spa

#### **Between Each Customer**

- Drain all water and remove debris from the pedicure spa.
- Clean the surfaces and walls of the Foot spa with soap or detergent and rinse with clean, clear water
- Disinfect with an EPA-registered disinfectant.
- Wipe out with a clean towel.

#### Flushing of the Whirlpool System

- **Caution:** J&A USA requires that the pedicure spa be thoroughly cleaned after every 10th pedicure and after the last pedicure of the day. It is extremely important to flush the whirlpool system of the Foot spa to prevent harmful bacteria from growing and to prolong the life of your pedicure spa.
- Remove the Suction Fitting Cover with a phillips screwdriver
- Scrub the suction cover with a chlorine bleach solution of 1 (one) teaspoon of 5% chlorine bleach to 1 gallon of water, or
- Totally immerse the suction Fitting cover in an EPA-registered disinfectant and scrub.
- Replace the Suction Fitting Cover with a screwdriver. Do not over tighten the mounting screw.
- Do not run the pedicure spa whirlpool jets without the Suction Fitting Cover in place.
- Fill the tub basin near the wave mark on the rear wall with hot water.
- Turn the whirlpool jets on.
- Add 3 (three) teaspoons of low foaming "crystal" dishwasher detergent and 2 (two) ounces of household bleach to the tub basin.
- Run whirlpool for 10-15 minutes and drain the tub basin.
- Fill the tub basin near the wave mark on the rear wall with cold water.
- Run the whirlpool jets for 5 minutes and drain the tub basin.
- Clean the pedicure spa with a soft cloth and a mild detergent.

#### Weekly Disinfecting Procedure of the Whirlpool System

- After following the outlined procedures for daily cleaning, fill the pedicure spa tub with hot water and 4 (four) teaspoons of 5% bleach solution.
- Circulate the solution through the whirlpool system for 5-10 minutes.
- Let the solution sit overnight (at least 6-10 hours).
- The following morning (before the first customer) run the foot spa for 5 minutes and drain.
- Follow the procedure "Flushing of the Whirlpool System".

#### FOR SANIJET®-PIPELESS SYSTEM USERS ONLY

#### Maintenance

Keep the screen of the jet inlet free of debris, any blockage of the screen reduces the whirlpool action and may cause damage to the jet motor.

#### **Cleaning Pipeless Jet System**

Remove the jet assembly from its casing: Rotate the jet assembly counterclockwise and pull outward. Remove the impeller cap: rotate the impeller cap clockwise (OFF) and life outward. Remove impeller.

Clean the components. After each jet is disassembled, the jet parts and jet casings can be cleaned by hand. Jet parts may be cleaned in your dishwasher by placing them in the top rack away from any heating element. Excessive heat (over 170i/EF) can damage the plastic parts. Jet casing can be easily cleaned with a non-abrasive anti-bacterial cleaner when cleaning the tub shell.

#### Warning

DO NOT use if you are diabetic, have poor blood circulation, or if any area of your feet or leg is inflamed or has open wound. Please consult your physician before using, if you have any kind of fungal infection/s, swelling, fracture or persistent pain.

Assembly of the jet and maintenance



#### Disassembly

- 1) Prior to removing the jet assembly, turn off the power
- 2) Remove the jet assembly from its casing: Rotate the jet assembly counterclockwise and pull outward.
- 3) Remove the impeller cap: Rotate the impeller cap clockwise (OFF) and lift outward.
- 4) Remove the impeller

#### Assembly

- 1) Place impeller on a jet assembly
- 2) Place the impeller cap: Rotate the impeller cap counterclockwise.
- 3) Place the jet assembly to its casing: Rotate the jet assembly clockwise and push inward.

#### Caution

To reduce the potential risk of fire, electrical shock, or injury to persons:

- 1) All electrical wiring (both installation & repair) must be done by a licensed electrician and in accordance with local and state ordinances.
- 2) No modifications, additions or deletions should be made to the pump, without factory approval.
- 3) Before stating motor, fill up the tub with water to level recommended by whirlpool manufacturer. Never run pump dry!
- 4) Do not relocate pump without prior approval from factory.

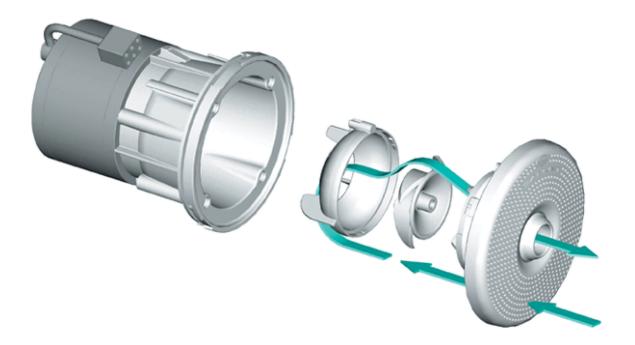
#### Warning

To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

To reduce the risk of electric shock, replace damage cord immediately. And do not use extension cord to connect unit to electric supply; provide a properly located outlet.

#### **TROUBLESHOOTING GUIDE**

| SYMTOMS               | PROBABLE CAUSES                            | RECOMMENDED ACTION  |
|-----------------------|--|---|
| Pump will not turn on | No power to motor                          | Check switch, fuse or breaker, also connection from motor to switch |
| Pump runs slow        | Pump not wired same as<br>voltage supplied | Check pump to connect voltage                                       |



#### FOR STANDARD WHIRLPOOL SYSTEM USERS ONLY

#### Maintenance

Keep the screen of the suction inlet free of debris, any blockage of the screen reduces the whirlpool action and may cause damage to the whirlpool pump motor.

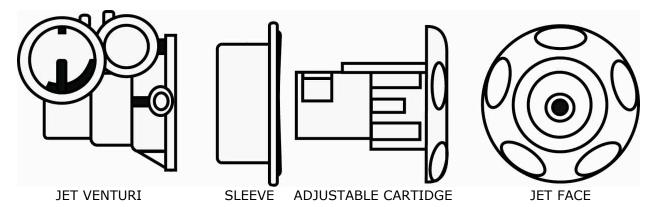
#### Cleaning/ Flushing the inner whirlpool system

Fill up with warm water up to proper level. Apply 3 tsp of low foaming dish washing detergent, 1 tsp of the regular bleach into the tub. Start the whirlpool for 5 min and let it still for 5 min and run again for two minutes. Drain out the water and fill up again with warm water. Let it run for 5 minutes Drain out the water. Wipe dry with soft cloth.

#### Warning

DO NOT use if you are diabetic, have poor blood circulation, or if any area of your feet or leg is inflamed or has open wound/s. Please consult your physician before using, if you have any kind of fungal infection/s, swelling, fracture or persistent pain.

#### Assembly of the jet and maintenance



#### Assembly

- 1) With jet VENTURI and jet body in position, insert the cartridge into the body and lightly press the jet face until the face clicks into the position.
- 2) Use finger to rotate the eyeball into position. If the assembly is seated, the eyeball will stay in the correct position.

#### Disassembly

Press the eyeball inwards with your thumb. The eyeball will move freely when spring is compressed. Using the fingers, grasp the edge of the jet and pry the face the body. It will snap out and clean thoroughly, in jet, body, and cartridge for good maintenance as well as prevention from build up.

## CAUTION

To reduce the potential risk of fire, electrical shock, or injury to persons:

- All electrical wiring (both installation & repair) must be done by a licensed electrician and in accordance with local and state ordinances.
  No modifications, additions or deletions should be made to the pump, without factory approval.
- 3) Before starting motor, fill tub with water to level recommended by whirlpool manufacturer. Never run pump dry!
- 4) Motors have a built-in automatic reset over load protector that guards against damage from mechanical or electrical problems such as low voltage, locked pump or similar abnormal conditions. Remember, if the timer device is still on, these motors will restart automatically - as soon as they cool down.
- 5) Do not relocate pump without prior approval from factory.

#### WARNING

-- To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

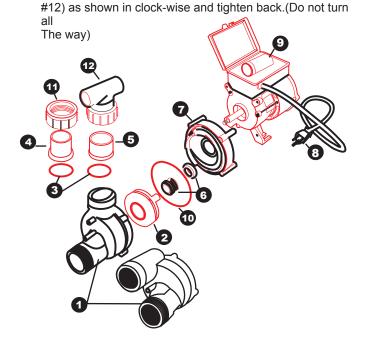
-- To reduce the risk of electric shock, replace damage cord immediately. And Do not use extension cord to connect unit to electric supply,; provide a properly located outlet.

#### TROUBLE SHOOTING GUIDE

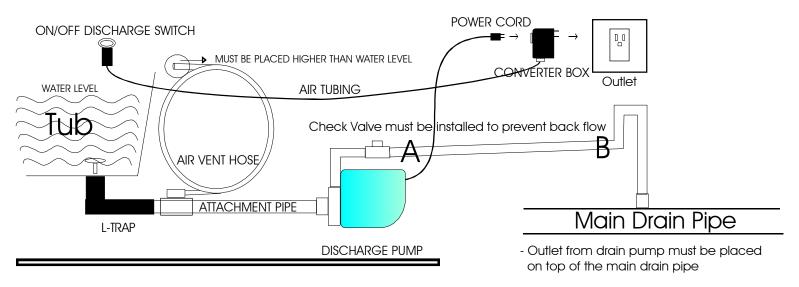
| SYMPTOMS                         | PROBABLE CAUSES   | RECOMMENDED ACTION   |
|----------------------------------|---|--|
| Pump will not turn on            | No power to motor   | Check switch and fuse or breaker, also connection from motor To switch.                                      |
| Pump runs slow.                  | Pump not wired same as voltage supplied   |  |
| Pump Humms.                      | Something stuck in impeller.<br>Wire not tight  | Take pump apart and clean impeller( as shown below).<br>Check terminals.                                     |
| Pump Humms but<br>Will not turn. | Pump jammed.  | Remove dust cap and rotate motor shaft with screwdriver.<br>If unable to turn, send in for repair.           |
| Noisy pump                       | Something in the pump.  | Take pump apart and remove debris.   |
| Pump leaks.                      | Bad bearing.<br>Hose clamps or union loose.<br>Bolts holding tank loose.<br>Leak around shaft from worn seal.<br>Pump creeps. | Replace Bearing.<br>Tighten.<br>Tighten<br>Replace shaft seal.<br>Secure pump to floor.                      |
| Pump cavitates.                  | Air from jets getting in suction  | Direct directional flow fitting away from suction fitting.   |
| Pump runs but<br>No jet action.  | Air lock.   | Turn pump on, wait 10 seconds. Turn pump off.<br>Repeat up to 10 times. If airlock is not cure, try turn tee |

union

| PUMP PARTS LIST |           |                          |  |
|-----------------|-----------|--------------------------|--|
| ITEM            | PARTS#    | DESCRIPTION              |  |
| 1               | WWVF      | FRONT VOLUTE             |  |
| 2               | WWIMP     | IMPELLER                 |  |
| 3               | UPUFO/R   | UNION O RING             |  |
| 4               | UPUFM     | UNION MALE 1 1/2"        |  |
| 5               | UPUFF     | UNION FEMALE 1 1/2"      |  |
| 6               | PPSSFSEAL | SEAL ASSEMBLY            |  |
| 7               | PPWWVB    | VOLUTE BACK              |  |
| 8               | PPWWCORD  | POWER CORD               |  |
| 9               | MPASHU506 | AIR SWITCH               |  |
| 10              | PPWWVO/R  | VOLUTE O RING            |  |
| 10              | UPUFNUT   | UNION NUT 1 1/2"         |  |
| 12              | UNUTEE    | UNION TEE 1 1/2 X 1 X 1" |  |



# Discharge Pump Installation (Optional)



To prevent the possible air lock, B has to higher than A

- Do not use flexible pipe for drain

## FAQ

- 1) Pump hums but does not drain the water out
- Air Lock : Piping elevation must be above discharge pump outlet so that air can be released
- Turn pump on, wait 5 seconds, turn pump off. Repeat 10 times. If the air is not repleased, detach attachment pipe and re-attach

Quick Tip: Use a plunger to release the air lock

#### 2) Pump does not turn on

- Check the power source
- Check if the air tubing is properly attached from the switch to the converter box
- Check attachment pipes throughly for debris

3) Noise when turn on

- Foreign object may be lodged - Disassemble and remove debris or particles

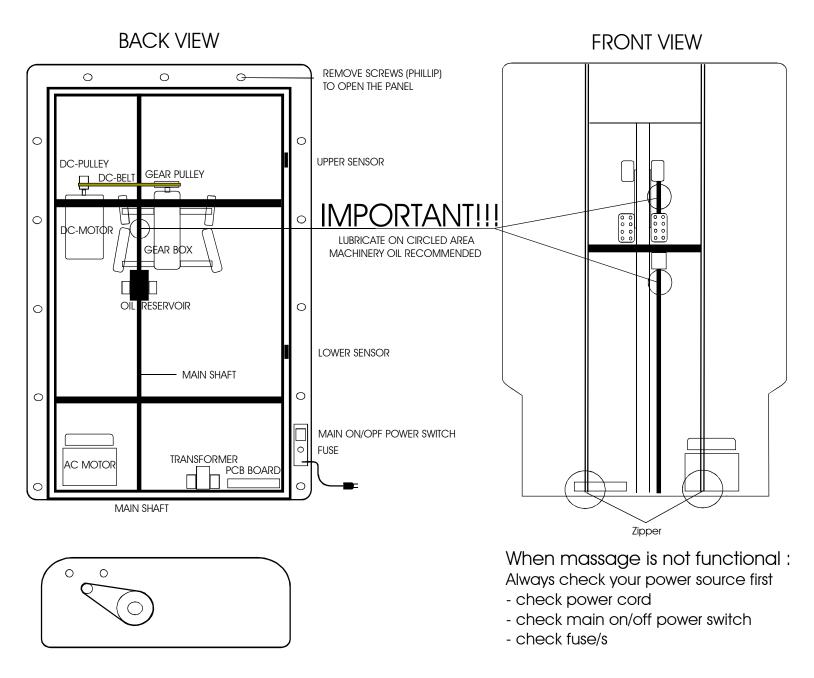
# Lubrication

1) Turn off the main power

- 1) Open the screws (phillip+) or Open the zippers from the front of the chair
- 2) Apply lubrication onto circled area

# Caution

Do not apply lubrication on dc-belt



If problem persists, contact your local distributor, or manufacturer with your serial number It is strongly recommended that main shaft be lubricated in a proper way at least once a month to ensure smooth operation

#### J&A USA, INC. LIMITED WARRANTY STATEMENT

J&A Product: EPISODE, PETRA, TOEPIA, CLEO, PACIFIC SPA J&A Accessories: Epi-Stool, Tri-Stool, \_\_\_\_\_ Duration of limited warranty: 1 year from date of purchase Coverage on limited warranty: Parts & Labor

#### EXTENT OF LIMITED WARRANTY

J&A USA warrants that the J&A product and/or accessories specified above will be free from defects in materials and workmanship for the duration specified above. Which duration begins on the date of purchase by the customer (salon, spa). Customer is responsible for maintaining proof of date of purchase and manual booklet in order to initiate the warranty, the customer must send J&A Warranty Card in the manual booklet. Read carefully and return to J&A within 15 days from the date of purchase.

If J&A receives notice of a defective product during the applicable warranty period, J&A shall either repair or replace the defective parts at J&A's option. Replacement product may be either new or equivalent in performance to new. If J&A is unable to repair or replace, as applicable, a defective product covered by the J&A's warranty, J&A shall, within a reasonable time after being notified of the defect, replacement of equivalent purchased price for J&A product, accessories, or supplies. J&A shall have no obligation to repair, replace, or refund until the verification process by J&A is completed. J&A's limited warranty is valid in US where the covered J&A product is distributed by J&A. additional warranty services, may be available from any authorized J&A service facility where the product is distributed by J&A or by an authorized importer.

J&A's limited warranty cover only those defects which arise as a result of normal use of the product, and do not apply to any:

- Improper or inadequate maintenance or modification
- Unauthorized modification or misuse
- Improper site preparation or maintenance

Any applicable warranty shall not apply to J&A that have been improper installation or plumbing, remanufactured, refurbished, misused or tampered with in any way.

#### LIMITATION OF WARRANTY

TO THE EXTENT ALLOWED BY LOCAL LAW, NEITHER J&A NOR ITS THIRD PARTY SUPPLIERS MAKE ANY OTHER WARRANTY OR CONDITION OF ANY KIND, WHETHER EXPRESS OR IMPLIED, WITH RESPECT TO THE J&A PRODUCTS, AND SPECIFICALLY DISCLAIM THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE. Some states or providences do not allow limitations on the duration of an implied warranty, so the above limitation or exclusion might not apply to you. This warranty gives you specific legal rights that vary from state to state, or providence to providence.

#### LIMITATION OF LIABILITY

To the extent allowed by the local law, remedies provided in this warranty statement are the customer's sole and exclusive remedies. TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT FOR THE OBLIGATIONS SPECIFICALLY SER FORTH IN THIS WARRANTY STATEMENT, IN NO EVENT WILL J&A OR ITS THIRD PARTY SUPPLIERS BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL (INCLUDING LOST PROFIT) DAMAGES, WHETHER BASED ON CONTRACT, TORT, OR ANY OTHER LEGAL THEORY AND WHETHER ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### **OBTAINING TECHNICAL SUPPORT**

Please, look for help in the following order:

- 1) See Trouble Shooting Guide located in the Manual
- 2) E-mail us; detailed description of your problem, if you have an internet access
- 3) Fax us ; detailed description of you problem, if you have a fax machine
- 4) Contact your local distributor and request an A/S report to be filed on your behalf
- 5) Contact J&A tech support by phone

Please have the following information ready:

- 1) Salon or Spa Name, Address, Telephone Number
- 2) Contact Name
- 3) Model Name, Serial number of the problem unit
- 4) Brief Description of the problem

J&A USA, INC 200 RODEO DRIVE, EDGEWOOD, NY 11717 PHONE: (631)243-3336 FAX: (631)243-3339 WEBSITE: WWW.JAUSAINC.COM EMAIL:INFO@JAUSAINC.COM

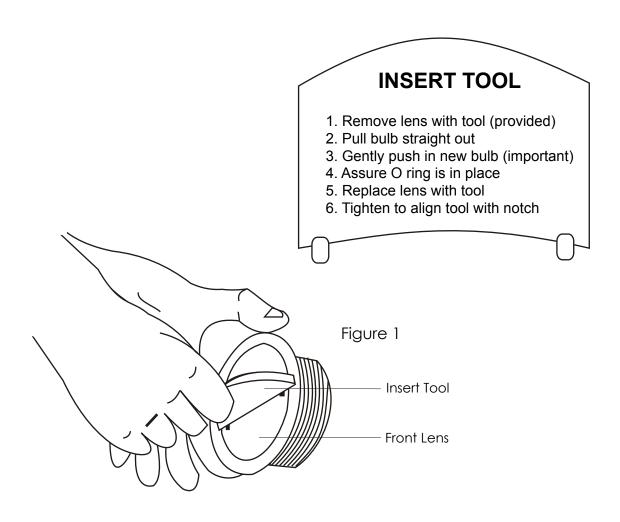
# MULTI-COLOR LED SPA LIGHT

(Instruction for LED Bulb replacement)

#### WARNING: Rick of electric shock!!!, Drain spa and disconnect power before attempting to open lens.

Multicolor LED spa lights allows the replacement of the lamp from the front. It comes complete with a plastic insert tool for tightening, or un-tightening.

NOTE: To change a bulb after installation, follow the instruction engraved on the lamp replacement too. Insert the two tabs of the insert tool into the two notches on the front lens of the light assembly (counter-clockwise to REMOVE; clockwise to INSTALL) See figure 1.







# **Plumbing Accessories**

See General Information for Plumbing Accessories

**J & A USA INC** 200 RODEO DR EDGEWOOD, NY 11717 USA E242637

Whirlpool pedicure spas, Models PS300, PS650LX, Episode, Episode-S Type, Toepia EM, Cleo, Petra.

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