



## **OWNER / INSTALLATION MANUAL APSPIDER400 SERIES COVER PUMPS**

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**Model # APSPIDER400 - MANUAL OPERATION**

**Model # APSPIDER400A - AUTOMATIC OPERATION**



**Questions, problems, missing parts? Before returning to the store,  
call Customer Service**

**815-675-7000 or email [customersupport@intermatic.com](mailto:customersupport@intermatic.com)**

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WE APPRECIATE THE TRUST AND CONFIDENCE YOU HAVE PLACED IN US THROUGH THE PURCHASE OF THIS COVER PUMP. WE STRIVE TO CONTINUALLY CREATE QUALITY PRODUCTS. VISIT US ONLINE TO SEE OUR FULL LINE OF PRODUCTS AVAILABLE FOR YOUR IN-GROUND OR ABOVE GROUND POOL OR SPA.

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## **AUTOMATIC (APSPIDER400A) ON/OFF OR MANUAL PLUG-IN (APSPIDER400) ON/OFF:**

- For Automatic version, float switch will active pump when water present, Plug in pump & leave it .
- For Manual version, simply unplug to turn off .
- Exclusive Spider Leg base will keep the pump upright and keep leaves & debris away .
- 25 Ft Power Cord (All models)



**WARNING:** Freezing water can damage the pump components . Never leave pump in ice to avoid damage .

# Safety Information

## DESCRIPTION

These pool cover pumps are 120 volt, magnetic drive motors, for high efficiency, and easy maintenance, with an optimal auto switch mode (APSPIDER400A) for automatic operation . It is constructed of durable thermoplastic for years of trouble free service . These swimming pool cover pumps are designed for use on above ground or in-ground pool covers.

## UNPACKING

After unpacking the unit, carefully inspect for any damage that may have occurred during transit . Check for loose, missing or damaged parts .

## IMPORTANT SAFETY INSTRUCTIONS

When installing and using this electrical equipment, basic safety precautions should always be followed, including the following:

- 1) READ AND FOLLOW ALL INSTRUCTIONS
- 2) WARNING – To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.
- 3) WARNING – Do not bury cord. Locate cord to minimize abuse from lawn mowers, hedge trimmers, and other equipment.
- 4) WARNING – To reduce the risk of electric shock, replace damaged cord immediately.
- 5) WARNING – To reduce the risk of electric shock, do not use extension cord to connect unit to electric supply; provide a properly located outlet.

## READ AND FOLLOW ALL INSTRUCTIONS.

### SAFETY GUIDELINES

This manual contains information that is very important to know and understand. This information is provided for SAFETY and to PREVENT EQUIPMENT PROBLEMS. To help recognize this information, observe the following symbols:



**Danger** indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



**Warning** indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.



**Caution** indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury.



**Notice** indicates important information, that if not followed, may cause damage to equipment

As a user, you are important to us . Thus, one copy of the Operating Instructions and Parts Manual is included with each pump shipped from our factory . This manual contains important sections relative to user safety, use, maintenance, warranty, etc . It is a good idea to ask for extra copies for other installers/users . Extra copies, free of charge, are available at **Intermatic.com**

Do not use pump for any purpose other than pool/spa application . Components have not been designed for other applications . Severe pump failure, injury or even death may result . Any unapproved use will void warranty .

### CALIFORNIA PROPOSITION 65



**WARNING:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm . Wash hands after handling .



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



**WARNING:** Risk of electrical shock . Connect only to a branch circuit protected by a ground-fault circuit-interrupter (GFCI) . Contact a qualified electrician if you cannot verify that the receptacle is protected by a GFCI . The unit must be connected only to a supply circuit that is protected by a ground-fault circuit-interrupter (GFCI) . Such a GFCI should be provided by the installer and should be tested on a routine basis . To test the GFCI, push the test button . The GFCI should interrupt power . Push the reset button . Power should be restored . If the GFCI fails to operate in this manner, the GFCI is defective . If the GFCI interrupts power to the pump without the test button being pushed, a ground current is flowing, indicating the possibility of an electric shock . Do not use this pump . Disconnect the pump and have the problem corrected by a qualified service representative before using .

**NOTICE:** PLEASE SAVE THESE INSTRUCTIONS .

## POOL SAFETY GUIDELINES

### RESPONSIBLE ADULT SUPERVISION

Constant and responsible adult supervision is mandatory in the pool or spa environment . Always supervise children around pools and spas . Never allow a child to play in a way that could permit the child's hair to come near the drain cover .

### DRAINS, SUCTION FITTINGS, AND JETS

Keep hair and clothing away from the suction fitting drain cover . Wear a bathing cap or pin hair up if you have long hair . Current grates and covers help prevent body or hair entrapment . Make sure that drain covers meet the ANSI/ASME A112 .19 .8 standard . Safety doors should be installed in all pool cleaner wall suction lines . Pools or spas with drain covers that are broken, missing, or not adequately secured should not be used until the proper replacement has been installed .

### ELECTRICAL HAZARDS

A licensed electrician, experienced in swimming pools and spas, should inspect your equipment to make sure everything is properly grounded, bonded, and protected by proper GFCI circuits according to Article 680 of the National Electric Code . Extension cords are not recommended . If an extension cord is used, keep cord plug away from all water at all times . Do not submerge plug into water . Never remove the ground pin from the pump plug .

## DROWNING PREVENTION

Install and routinely inspect fences, self-closing and latching gates, baby barrier fences, and alarms . Eliminate incidental routes to pool including machinery or equipment that provides a route over fencing into pool area .

Pools and spas located indoors must comply with ANSI/ASHRAE (American Society of Heating, Refrigeration and Air-Conditioning Engineers) standard 62-2001 to ensure adequate ventilation and safe use .

### WARNING SIGNS

Protect your family and guests . Make sure that all warning signs provided by the manufacturer, builder, or installer are displayed according to the manufacturer's specifications .

## Installation



**WARNING:** Ensure that a drip loop is installed from pump to GFCI outlet . This should avoid water running directly into GFCI outlet causing failures or unsafe conditions .

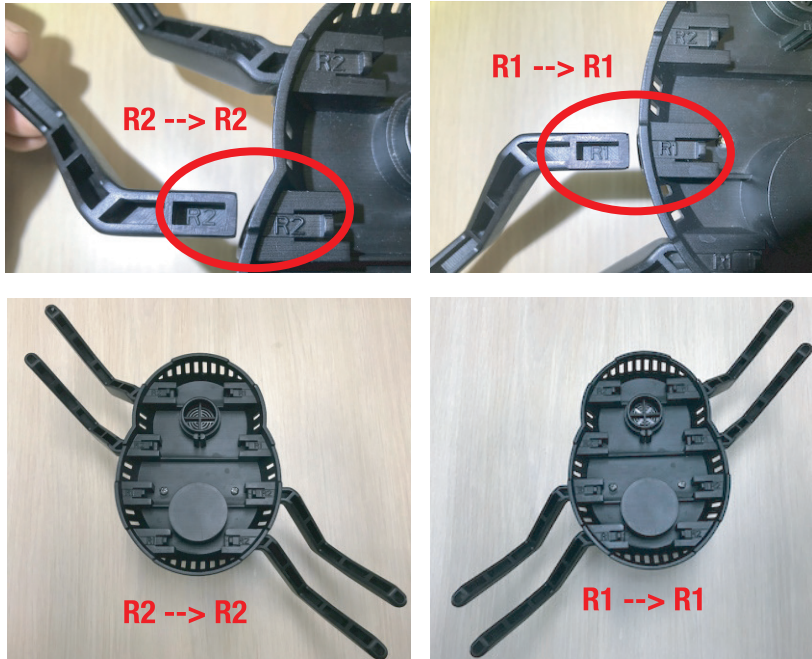
## TOOLS REQUIRED




Garden  
Hose

## INSTALLATION & OPERATION INSTRUCTIONS

1 .Install legs by snapping them into the correct slots . The slots are labeled with either R1 or R2 . Connect all R1 legs into R1 slots . Connect all R2 legs into R2 slots .



- 2 . Set pump manifold on top of the base and align holes . Press to fit .
- 3 . Attach garden hose to the front pump connection . CAUTION: Do not overtighten . Minimal amounts of torque needed to seal the connection .
- 4 . Place the pump on the cover in the lowest area . Do NOT let pump run dry Ensure that pump is upright and base is submerged in water .
- 6 . Plug in pump and remove water . For the manual version, allow the pump to run and monitor progress . Please unplug when pump as removed water down to approximately 1/2" .

 **WARNING:** Always unplug from power source before servicing or installing . This pump is only intended to pump water for a cover . It cannot be used to pump any other liquids or solvents .

## Maintenance

This pump is designed with a foam filter to keep debris outside of the pump motor assembly after each use. Please ensure that the filter is clog-free by simply removing from the base and rinsing with water.

If replacement foam is needed, please call our customer support line with the following part numbers:

78003-001 (foam filter).



**WARNING:** Avoid freezing / ice conditions . These conditions can crack or damage the plastic housings and void the warranty .

## Warranty Info

### Limited Warranty

For one (1) year from the date of purchase, the manufacturer will repair or replace, at its option, for the original owner any parts of its pumps ("Product") which are found upon examination by the manufacturer to be defective in materials or workmanship .

Please call the manufacturer for instructions . Be prepared to provide a receipt, the model number and serial number when exercising this limited warranty .

Purchaser must pay all labor and transportation charges on Products or parts submitted for repair or replacement .

All non-warranty service charges are the responsibility of the original owner . Failure to pay for non-warranty service charges will void this Limited Warranty .

This Limited Warranty does not cover Products that have been damaged as a result of accident, freezing, abuse, misuse, neglect, improper installation, improper maintenance or failure to operate in accordance with the manufacturer's written instructions . All maintenance and service must be performed by service agents approved by the manufacturer . Any unauthorized alteration or repairs will void this Limited Warranty .

THERE IS NO OTHER EXPRESS WARRANTY . IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE (1) YEAR FROM THE DATE OF PURCHASE . THIS IS THE EXCLUSIVE REMEDY AND ANY LIABILITY FOR ANY AND ALL INDIRECT OR CONSEQUENTIAL DAMAGES OR EXPENSES WHATSOEVER IS EXCLUDED .

Some states do not allow limitations on how long an implied warranty lasts, or do not allow the exclusions or limitations of incidental or consequential damages, so the above limitations might not apply to you . This limited warranty gives you specific legal rights, and you may also have other legal rights which vary from state to state .

In no event, whether as a result of breach of contract warranty, tort (including negligence) or otherwise, shall the manufacturer or its suppliers be liable for any special, consequential, incidental or penal damages including, but not limited to loss of profit or revenues, loss of use of the products or any associated equipment, damage to associated equipment, cost of capital, cost of substitute products, facilities, services or replacement power, downtime costs, or claims of buyer's customers for such damages .

This Limited Warranty does not include freight charges for equipment or component parts, to and from the factory, services such as maintenance or inspection, repair or damage due to negligence such as freezing conditions, incorrect installation, nor acts of God . The liability of the manufacturer shall not exceed the repair or replacement of defective parts under this Limited Warranty . This Limited Warranty also does not include unnecessary service calls due to erroneous operational reports, external valve positions, or electrical service . If a non-warranty service call is made, and the homeowner is unwilling to pay for the service call, this Limited Warranty will be voided . This Limited Warranty is voided if the product is repaired or altered by any persons or agencies other than those authorized by the manufacturer . This Limited warranty applies only within the continental USA . For warranty outside the continental USA, contact the manufacturer .

You MUST retain your purchase receipt along with this form . In the event you need to exercise a warranty claim, you MUST present a copy of the purchase receipt at the time of service . Please call 815-675-7000 or email customerservice@intermatic.com for service or return authorization and instructions

DO NOT MAIL THIS FORM TO THE MANUFACTURER . Use this form only to maintain your records .

MODEL NO . \_\_\_\_\_ SERIAL NO . \_\_\_\_\_

INSTALLATION DATE \_\_\_\_\_