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FT40
Fountain Head Kit w/Riser and Diverter

Magnetic Drive Pumps

SplashDance

P/N 13807 REV (10/06)

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www.calpump.com

RJ21 RingJet Instruction Sheet

Introduction/ Overview

Congratulations on your purchase of the Cal Pump RingJet.
To ensure efficient and faultless operation, it is, however, important to read carefully and strictly comply with this service manual. The recommended pump size for the RingJet is 400 to 1500 gph.
We recommend that you read these instructions carefully before installing the RJ21 RingJet. To keep your fountain ring performing properly, follow the instructions below.

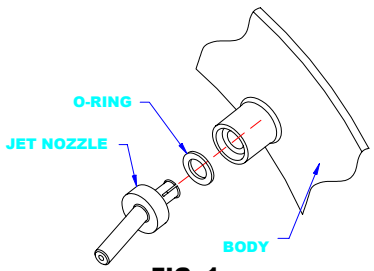

FIG. 1

Installation

Step 1) Insert the jet nozzle assembly into the spray ring. (see Fig.1)
Step 2) Adjust the jets to the desired spray direction by rotating the jet nozzle within the spray ring.
Step 3) To attach supporting legs to the spray ring you will need either ½" schedule 40 or schedule 80 PVC pipe. Cut the PVC to the desired length. Insert the three support legs into the sockets on the bottom of the spray ring. Set the ring in the desired location ensuring that the ring is level and the jet nozzles will always be above water level during operation. The support legs may be cut to lower or level the ring. Connect the spray ring to the pump. The intake is ½" FNPT. Nipples, risers and fountain heads are not included with the RingJet. An FT40 can be purchased from Cal Pump for Fountain Head display. To install a fountain head, remove the plug from the RingJet and thread a ½" adapter onto the RingJet. The riser tube is then attached to the adapter and the fountain head of your choice can be attached. Since the individual jets can become clogged with foreign matter, a fine filter screen MUST be used on the intake of the pump and must be cleaned regularly. Set the RingJet with supports on the bottom of the fountain or pond. Operate the pump and observe the height of the jet spray. If the height of the water is too high, it can be reduced up to 30 percent by restricting the discharge side of the pump. For best results, Cal Pump recommends a pump with 400 gph or higher with the RingJet.

Jet Cleaning

The spray ring is provided with 21 adjustable jets. To clean a jet insert a small wire or rod (a paper clip that has been straightened works well) through the entire jet, moving it up and down to clear out any obstruction.

Jet Adjustment

To adjust the jets to the desired position, rotate the nozzle to the desired direction. The jet nozzle is fixed at an 11 degree angle, which may be rotated in order to obtain a number of spectacular water effects! Some variation in height between the jets is normal, however if one or more jets produce a much smaller spray than the rest, the above cleaning procedure should be followed. The spray ring should not be exposed to freezing weather with water in it or damage may result. It should be drained and preferably removed for winter storage.

WARRANTY

Every Cal Product is tested before shipment and when properly used and maintained will provide years of satisfaction. In the unlikely event that our material or workmanship should prove defective within the warranty period, return the pump along with proof of purchase to the original dealer for inspection and replacement if needed. If you prefer, the product may be returned directly to Cal Pump for repair or replacement. Be sure to include your name, address, proof of purchase, and reason for return. All pumps must be returned freight prepaid. Warranty does not cover any costs associated with the installation or removal of products subject to warranty claims. This limited warranty is extended only to the original purchaser and is void if any of the following apply:

1) The pump or product has been disassembled.
2) Alterations have been made to the cord or plug.
3) The pump has been run dry.
4) Flammable liquids, solvents, chemicals, or abrasive solutions were pumped.
5) Obvious abuse or misuse of the product took place.
6) The product labeled has been tampered with or removed from the pump.

ALL PRODUCTS RETURNED FOR WARRANTY INSPECTION BECOME THE SOLE PROPERTY OF CALVERT ENGINEERING.

All implied warranties including the implied warranty of merchantability are limited in duration to the same extent as the express warranty as allowed by the state law. Cal Pump expressly disclaims and excludes any liability for consequential or incidental damages for breach of any express or implied warranty, as allowed by the state law.

THIS LIMITED WARRANTY PERIOD COMMENCES FROM THE DATE OF MANUFACTURE APPEARING ON THE PRODUCT LABEL OR FROM THE ORIGINAL DATE OF PURCHASE. THE CAL PUMP LIMITED WARRANTY APPLIES TO REPAIRED OR REPLACED PRODUCTS FOR THE BALANCE OF THE APPLICABLE PERIOD OF THE ORIGINAL WARRANTY OR 90 DAYS FROM THE DATE OF SHIPMENT OF A REPAIRED OR REPLACED PRODUCT, WHICHEVER IS LONGER.

WARNING!

RISK OF ELECTRICAL SHOCK – INTERFACING ELECTRICAL EQUIPMENT MUST HAVE A GROUNDING TYPE ATTACHMENT PLUG. TO REDUCE THE RISK OF ELECTRICAL SHOCK, CONNECT ONLY TO A PROPERLY GROUNDED, GROUNDING-TYPE RECEPTACLE WITH A CLASS "A" GROUND FAULT CIRCUIT INTERRUPTER (GFCI).

For technical assistance or product information please call Cal Pump toll-free at 800.225.1339. Or you can visit our website at www.calpump.com for the latest information on Cal Pump products. All of our products are available online at our company store. If you do not find what you are looking for, please call our toll-free number at 800.225.1339 and a friendly Customer Service Representative will be happy to assist you. Cal Pump is open Monday through Friday from 7:00am to 5:00pm Pacific Time.