



Users Manual
Desert Fog® Climate Control System
Revolution® Series Model 93800, 93820



**Safety, Installation,
And Wiring Instructions**

- (1) FLUSH NOZZLE RING BEFORE INSTALLING NOZZLES**
- (2) MAKE SURE FAN HANGS LEVEL**
- (3) MAKE SURE FAN IS FREE OF DEBRIS**
- (4) USE PROPER ELECTRICAL SOURCE – 115V OR 230V
DEPENDING ON MODEL NUMBER**

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Safety Instructions

Read all labels and instructions before beginning installation. Check local codes to ensure compliance and always use a licensed contractor for water and electrical hook-ups. Use proper safety equipment during service work. All fan and pump repair and replacement service work must be done by a Factory Authorized Service Center or a Factory Authorized Contractor. Contact Customer Service for more information.

Power Supply

The fan must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for the electric current.

The fan is not equipped with a cord. A grounded cord must be connected directly into the fan through the provided strain relief fitting and to an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances. See Wiring Instructions below for further instructions. **Improper connection of the equipment grounding conductor can result in a risk of electric shock.**

To reduce the risk of electric shock, install with all electrical components above grade level and always disconnect the power supply before beginning any service work. Check with a qualified electrician if you are in doubt whether the equipment is properly grounded.

Operation

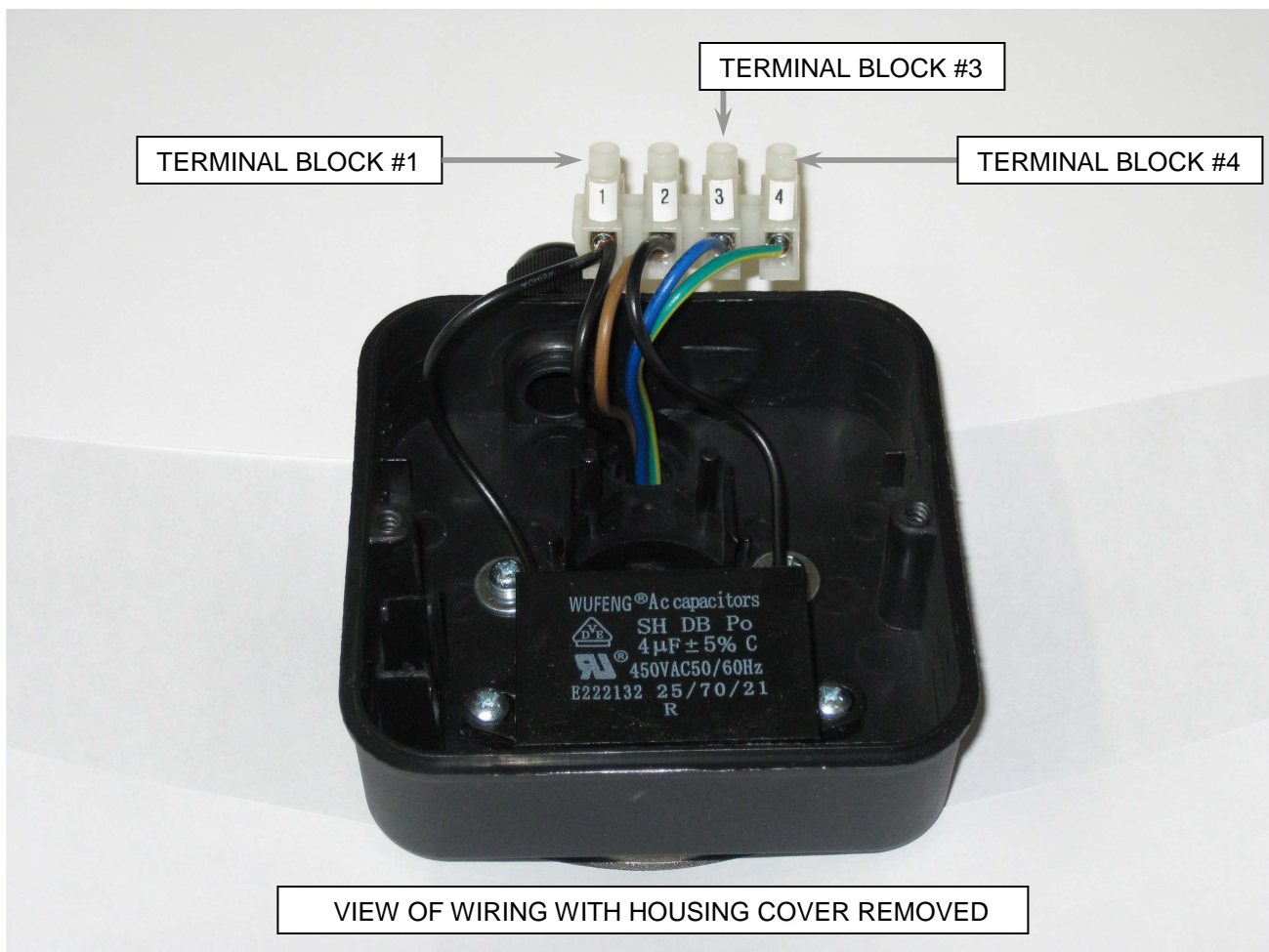
This fan is designed to operate in conjunction with the Revolution Series high pressure pump. The fan does not have an ON/OFF switch for operation and should be connected to the pump or to an appropriate power supply as detailed below.

Installation Instructions

- Remove fan from packaging and make sure no debris is left inside the housing or fan guard.
- Connect the appropriate size and length of wire to the fan motor per the wiring instructions on the following page.
- Attach the mounting bracket to the housing using four 1/4-20 bolts and lock washers. (packed with bracket) The bracket will fit inside the housing and bolt from the outside.
- Connect the high pressure feed line to the fitting located on the fan ring at the base of the Revolution fan.
- Mount the fan with appropriate hardware (thread rod, chain, cable, fan mounting assembly, etc.) to support 30lbs from a solid structure. Use the center hole in the mounting bracket to attach support hardware. The Revolution should be at least 18" from the ceiling and 8' to 10' above the ground.
- After installing the fan, mount the high pressure feed line and the electric cord from the fan to the pump location.
- Attach the feed line to the pump Outlet located on the side of the pump housing.
- Insert the end of the electric cord from the fan through the strain relief located on the side panel of the Revolution Series pump housing (or to the appropriate power source). Connect the wire to the labeled terminal block positions inside the pump housing.
- If a controller will be used to operate the fan, see controller instructions for proper connections.
- Turn the pump on briefly to flush the nozzle ring.
- After flushing, thread the nozzles into the ring fittings finger tight only.

Revolution Wiring Instructions

1. USE THE APPROPRIATE SIZE INSULATED CORD TO WIRE FAN
2. REMOVE THE COVER FROM THE HOUSING ON THE TOP OF THE FAN.
3. ATTACH BLACK WIRE FROM THE POWER CORD IN TERMINAL BLOCK #1, THE WHITE WIRE IN TERMINAL BLOCK #3 (SEE THE WIRING DIAGRAM ON THE INSIDE OF THE COVER PLATE), AND THE GREEN WIRE IN TERMINAL BLOCK #4 BY LOOSENING THE SET SCREWS, INSERTING WIRES, AND TIGHTENING THE SET SCREWS. DO NOT OVERTIGHTEN.
4. REPLACE COVER AND TIGHTEN SCREWS



Fogco Products 1 Year Limited Warranty

All Fogco systems are warranted against defects in workmanship and materials. Fogco does not warranty components due to normal wear. Fogco does not warranty components due to misuse/abuse or improper applications.

In order to initiate this warranty, the Product Registration Form must be completed and sent to Fogco Systems, Inc within 30 days of purchase.

Repairs Outside the Scope of the Warranty: Problems with Fogco products can be due to improper maintenance, faulty installation, inappropriate additions or modifications to the system, or other problems not due to defects in Fogco workmanship or materials. If the Fogco Service Center determines that the problem with the product is not due to defects in workmanship or materials, the customer will be responsible for the cost of any necessary repairs and any freight expense to return the product to the customer.

Warranty Period: Fogco Revolution® is warranted for 12 months from the date of sale. All warranty claims must be submitted to the Fogco Service Center prior to the expiration of the warranty period.

Warranty Validation: To activate the Warranty on Fogco products, customer must submit the Fogco Products Registration Form to Fogco Systems, Inc. along with a copy of the product invoice within 30 days of purchasing the product.

Procedure to Receive Warranty Service: To return Fogco products for warranty service, call the Fogco Service Center for a Return Authorization Number. Customers should then properly pack and secure all product to a pallet and ship prepaid to the Fogco Service Center. An explanation of the defect or problem; a description of the way in which the Fogco product is used; the customers name, address and telephone number; the product model number; and the product serial number should be included with the shipment. The Return Authorization Number must be noted on the outside of the shipment or it may be refused and returned to the customer at the customer's expense.

Repairs by Other than the Fogco Service Center: Fogco Systems, Inc. must provide prior approval for any repairs done outside of the Fogco Service Center or the Fogco Warranty will be void.

Repairs or Replacement Within the Scope of the Warranty: If a Fogco product is defective due to Fogco workmanship or materials and the defect occurs during the warranty period, then Fogco will either repair or replace the product at Fogco's discretion. Fogco is not responsible for removal and shipping of the system to the Service Center, the reinstallation of the system upon its return to the customer, or any incidental or consequential damages resulting from the defect, removal, reinstallation, or shipment of the product.

Product Specification: All product specifications, applications and other information provided in Fogco's publications are subject to change without notice and should be confirmed with Fogco prior to ordering.

No Other Warranties and Liability Limitation: This Limited Warranty and Service Policy represents Fogco's sole and exclusive warranty obligation with respect to Fogco System Inc, products. Fogco's liability to a customer or any other person shall not exceed the purchase price of the Fogco system. Fogco disclaims all other expressed and implied Warranties including the implied Warranties of fitness for a particular purpose and merchantability.

Comments and Questions: We welcome comments and questions regarding our products. Please contact us at:

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