AQUASPEC FAUCETS

MODEL – Z81000 SERIES
SINGLE CONTROL FAUCET

TECHNICAL INFORMATION

FLOW: 2.2 GPM [8.3 L] VARIABLE ORIFICE AERATOR*
MAXIMUM PRESSURE: 125 PSI
CARTRIDGE STYLE: CERAMIC DISC MIXING CARTRIDGE WITH TEMPERATURE LIMIT STOP
* OTHER AERATORS AVAILABLE BY REQUEST

INSTALLATION INSTRUCTIONS

1. MOUNT GASKET (ITEM #7) ONTO SHANKS OF FAUCET BODY (ITEM #6).
2. PLACE FAUCET WITH GASKET ON SINK THROUGH PRE-DRILLED MOUNTING HOLES IN SINK.
3. SECURE FAUCET (ITEM #6) TO SINK USING MOUNTING NUTS (ITEM #8A). **DO NOT OVER TIGHTEN.**
4. ATTACH LAVATORY SUPPLIES TO SHANKS WITH RISER NUTS (ITEM #8B).
5. OPTIONAL: POP-UP DRAIN (-P)
   GRID STRAINER DRAIN (-G)
   INSTALL POP-UP DRAIN OR GRID STRAINER DRAIN IN SINK OUTLET AND PLUMB WASTE CONNECTION.
6. TURN SUPPLY WATER ON AND OPERATE FAUCET CHECKING FOR LEAKS.
7. INSTALL AERATOR INTO FAUCET AND HAND TIGHTEN INTO FAUCET SPOUT. IT MAY BE NECESSARY TO REMOVE AND CLEAN THE AERATOR AT START UP.

MAINTENANCE

1. YOUR ZURN FAUCET HAS A HIGHLY POLISHED NICKEL CHROME PLATED FINISH. CLEAN WITH SOAP AND WATER OR A MILD CLEANER WHICH IS SAFE FOR CHROME PLATING. DO NOT USE ACIDS OR TOILET BOWL CLEANER AS THEY WILL DAMAGE THE FINISH.
2. AQUASPEC FAUCETS CONTAIN CERAMIC MIXING CARTRIDGES WHICH REQUIRE NO MAINTENANCE. TO REMOVE AND REPLACE THE CARTRIDGE:
   2.1. REMOVE HOT/COLD INDEX BUTTON (ITEM #1C) BY CAREFULLY PRYING LOOSE FROM UNDERSIDE OF HANDLE (ITEM #1A).
   2.2. LOOSEN SET SCREW (ITEM # 1B) IN HANDLE.
   2.3. REMOVE HANDLE FROM CARTRIDGE STEM.
   2.4. LOOSEN AND REMOVE CARTRIDGE CAP (ITEM # 2).
   2.5. LOOSEN AND REMOVE CARTRIDGE RETAINING NUT (ITEM #3).
   2.6. PULL CERAMIC MIXING CARTRIDGE (ITEM #4) BY PULLING ON STEM WHILE WIGGLING FROM SIDE-TO-SIDE.
   2.7. INSTALL NEW CARTRIDGE USING THE ALIGNMENT PINS FOR PROPER ORIENTATION AND PROPER SEATING IN THE FAUCET BODY.
   2.8. REINSTALL HANDLE ASSEMBLY BY REVERSING STEPS 2.1 THROUGH 2.5.
3. TEMPERATURE LIMIT ADJUSTMENT – THE Z81000 FAUCET MAY BE ADJUSTED TO LIMIT THE MAXIMUM OPERATING TEMPERATURE.
   3.1. REMOVE CERAMIC MIXING CARTRIDGE (ITEM #4) PER MAINTENANCE INSTRUCTIONS 2.1 THROUGH 2.6 ABOVE.
   3.2. REMOVE RED TEMPERATURE LIMIT RING FROM BLUE MIXING CARTRIDGE.
   3.3. ROTATE RED TEMPERATURE LIMIT RING CLOCKWISE TO INCREASE MAXIMUM TEMPERATURE OR COUNTERCLOCKWISE TO DECREASE MAXIMUM TEMPERATURE. RED TEMPERATURE LIMIT RING IS MARKED WITH ARROWS AND +/- TO INDICATE DIRECTION OF ROTATION AND EFFECT ON MAXIMUM TEMPERATURE.

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3.4. REPLACE RED TEMPERATURE LIMIT RING IN DESIRED ORIENTATION.
3.5. REINSTALL HANDLE ASSEMBLY BY REVERSING STEPS 2.1 THROUGH 2.5.
3.6. TEST MAXIMUM TEMPERATURE FOR ACCEPTABILITY AND REPEAT STEPS 3.1 THROUGH 3.5 IF NECESSARY.

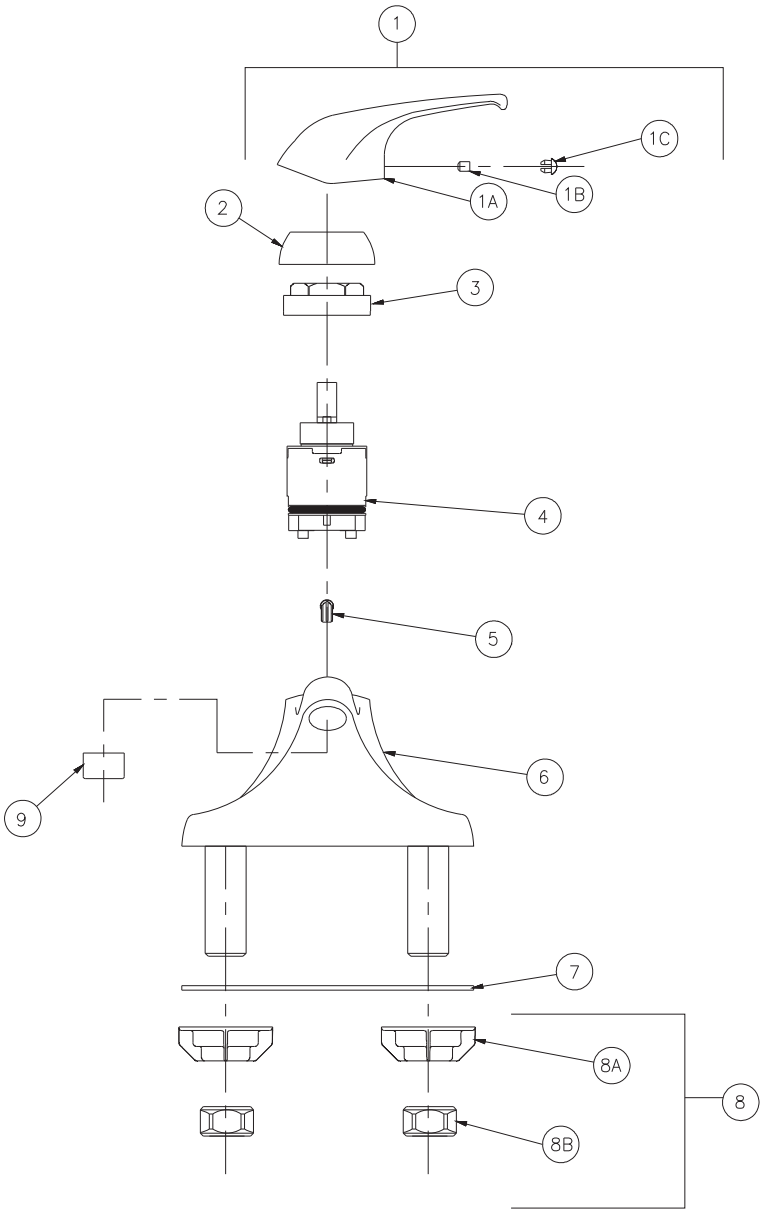
REPAIR PARTS

G66685	SINGLE CONTROL HANDLE ASSEMBLY
G60502	MOUNTING HARDWARE
G66686	CERAMIC MIXING CARTRIDGE
92027001	RETAINING NUT
93568001	GASKET

TROUBLE SHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION
FAUCET LEAKS FROM UNDER FAUCET HANDLE. ALL SUPPLIES ARE ON.	CARTRIDGE RETAINING NUT TOO LOOSE	REMOVE FAUCET HANDLE. TIGHTEN CARTRIDGE RETAINING NUT. DO NOT OVER TIGHTEN. TIGHTEN UNTIL NUT IS SNUG
NO WATER COMES OUT OF FAUCET SPOUT. ALL SUPPLIES ARE ON.	AERATOR IS CLOGGED.	REMOVE AERATOR. REMOVE DEBRIS AND REINSTALL AERATOR.
WATER DEFLECTS AT AN ANGLE FROM THE FAUCET SPOUT	AERATOR HAS DEBRIS	REMOVE AERATOR. REMOVE DEBRIS AND REINSTALL AERATOR.

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Item	Part Number	Description	Qty.
1	G66685	Handle Assembly	1
1A	NA	Handle	1
1B	NA	Set Screw	1
1C	NA	Index	1
2	93566001	Escutcheon	1
3	92027001	Retaining Nut	1
4	G66686	Cartridge Assembly	1
5	93567001	Pop-Up Hole Plug	1
6	G66687	Body Assembly	1
7	93568001	Gasket	1
8	G60502	Mounting Hardware	1
8A	59530002	Mounting Nut	2
8B	59532001	1/2" NPSM Riser Nut	2
9	G63505	13/16"-27 Male Aerator	1

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AquaSpec® Commercial Faucets Terms and Conditions

Price and Terms of Payment

Terms are net, payable 30 days from date of invoice. All pricing is in U.S. currency. The Buyer shall pay all sales, consumers, or other applicable taxes. A 1-1/2% per month service charge will be added to all past due invoices. Annual rate 18% of the outstanding balance due.

Minimum invoice $100.00. Zurn reserves the right to apply a minimum order charge to equal $100.00. All orders are subject to credit approval by the Zurn Credit Department prior to the acceptance of an order. Orders may be refused, delivery may be withheld, or shipment stopped in transit without any liability on Zurn's part if in its sole opinion, the Buyer's ability to pay for the merchandise or the terms and conditions herein are in doubt. The Credit Department of Zurn must be notified of potential pricing errors within 30 days of invoice date.

Freight

All sales are F.O.B. Zurn's plant. Zurn will allow full freight allowance only on Zurn AquaSpec® Commercial Faucet orders of $3,000 or more. This full freight allowance is when the shipment is within the continental United States and has a destiny of a Buyer's standard address of job location. Routing of shipment shall be determined at the sole discretion of Zurn. Multi product line orders totaling $7,500 can be combined to meet FFA guidelines. Shipping dates are estimates and time of delivery is not the essence of this sale of the contract therefore. Under no circumstances will Zurn have any responsibility on account of any delays in manufacture, transportation, or otherwise.

Limited Warranty

All goods sold hereunder are warranted to be free from defects in material and factory workmanship for a period of three years from the date of purchase. Zurn will replace goods at no cost that prove defective provided Zurn is notified in writing of such defect and the goods are returned to Zurn prepaid at Falconer, New York, with evidence that they have been properly maintained and used in accordance with instructions. ZURN SHALL NOT BE RESPONSIBLE FOR ANY LABOR CHARGES OR ANY LOSS, INJURY, OR DAMAGES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES. The sole and exclusive remedy shall be limited to the replacement of the defective goods. Before installation and use, the purchaser shall determine the suitability of the product for his intended use and the purchaser assumes all risk and liability whatever in the connection therewith. Where permitted by law, THE IMPLIED WARRANTY OF MERCHANTABILITY IS LIMITED TO A PERIOD OF THREE YEARS AND SHALL BE LIMITED SOLELY TO THE REPLACEMENT OF THE DEFECTIVE GOODS. All weights stated in Zurn catalogs and lists are approximate and are not guaranteed.

Illustrations of Typical Installations

The typical installations for various products found in each product section are intended to illustrate the products and potential options for the use of these products. Under no circumstances are they to be construed as recommended installation procedures. Consult local codes and project specifications for proper installation instructions.

Returned Goods

Standard cataloged material may be returned only with written permission of Zurn. Returned goods are subject to a 25% restocking charge of total saleable material returned, plus cost of reconditioning, if necessary, to make material sellable. Transportation charges are the responsibility of the Buyer. Credit allowance will be in the form of merchandise credit only – not cash credit. The value of a return must total at least $100.00 to qualify for credit allowance. No credit will be allowed for parts unless originally ordered and invoiced as parts. No credit will be allowed for discontinued or made-to-order items. Items that have been specially made are not subject to return or cancellation except by special negotiation. Material must be returned within two years of invoice date for credit to be issued.

Shortage/Damage Claims

Notification of material shortages or incorrect filling of orders must be made to Zurn within 10 days of receipt. No claims over three months old will be honored. Buyer agrees to make all complaints for damage in transit or "short count" directly to the carrier; before the contents are unloaded have the carrier agent's acknowledgement of such damage noted on the bill of lading and to present to the carrier its agent's acknowledgement of such damaged material with formal claim covering said damage.

General

Zurn reserves the right to make changes in design or equipment of any item or product without incurring any obligation on previously sold items, and to discontinue items at any time, without notice. Possession of this Catalog or other sales literature is not to be construed as an offer to sell. All orders are subject to acceptance by the general office of Zurn in Falconer, New York.

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