AQUASPEC® FAUCETS

MODEL - Z86600-XL SERIES

4”[102] CENTERSET

TECHNICAL INFORMATION

FLOW: 0.25 GPC MAXIMUM; PRESET AT FACTORY TO 10 TO 15 SECONDS @ 80 PSI ADJUSTABLE
MAXIMUM PRESSURE: 80 PSI
MAXIMUM TEMPERATURE: 140° C
OPERATION - 5 LB FORCE MAXIMUM UP TO 80 LBS PSI
CARTRIDGE STYLE - ZURN METERING CARTRIDGE

IMPORTANT THE WATER SUPPLY LINES MUST BE THOROUGHLY FLUSHED BEFORE INSTALLATION TO PREVENT FOREIGN MATTER AND DEBRIS FROM CLOGGING AND/OR DAMAGING INTERNAL COMPONENTS

IMPORTANT THE FAUCET HAS AN INTEGRAL SHANK FILTER ASSEMBLY INSTALLED IN THE BODY UNDER THE METERING CARTRIDGE TO PREVENT FOREIGN MATTER AND DEBRIS FROM DAMAGING THE FAUCET. THE INTEGRAL FILTER MAY BE REMOVED TO BE BACK-FLUSHED AND CLEANED IF INSUFFICIENT FLOW IS DETECTED. THE INTEGRAL SHANK FILTER ASSEMBLY MUST BE RE-INSTALLED AFTER SERVICING TO ENSURE PROPER FUNCTIONING OF THE METERING CARTRIDGE.

⚠ **WARNING**: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ **ADVERTENCIA:** Cáncer y daño reproductivo - www.P65Warnings.ca.gov
⚠ **AVERTISSEMENT:** Cancer et effets néfastes sur la reproduction - www.P65Warnings.ca.gov

* INSTALLATION INSTRUCTIONS

1. THE WATER SUPPLY LINE MUST BE THOROUGHLY FLUSHED BEFORE FAUCET INSTALLATION.
2. REMOVE FAUCET BODY FROM CARTON AND APPLY PLUMBERS PUTTY TO UNDERSIDE OF BODY.
3. PLACE FAUCET ON SINK AND INSTALL MOUNTING NUTS (ITEM #8) ONTO SHANKS FROM UNDER SINK.
4. HAND TIGHTEN MOUNTING NUTS (ITEM #8). MAKE SURE FAUCET IS CENTERED PROPERLY. DO NOT OVER TIGHTEN,YOU COULD DAMAGE THE FIXTURE.
5. ATTACH LAVATORY SUPPLY TO THE OUTLET OF THE SUPPLY STOP AND CONNECT TO FAUCET WITH RISER NUT.
6. REMOVE MAINTENANCE TAG FROM SPOUT END AND ATTACH TO SHANK OF FAUCET UNDER SINK FOR FUTUR REFERENCE. *
7. OPTIONAL - GRID STRAINER (-G)/HANDICAP OFFSET GRID DRAIN (-GH):
   INSTALL GRID STRAINER OR HANDICAP OFFSET GRID DRAIN IN SINK OUTLET AND PLUMB WASTE CONNECTION.
8. TURN WATER SUPPLY ON AND OPERATE THE FAUCET WHILE CHECKING FOR LEAKS.
9. INSTALL AERATOR (ITEM #10) INTO FAUCET AND HAND TIGHTEN.
10. METERING CARTRIDGE IS FACTORY PRESET FOR A 10 TO 15 SECOND CYCLE AT 80 PSI, IF ADJUSTMENT IS NECESSARY, SEE “ADJUSTING THE CYCLE TIME” SECTION (PAGE 2).

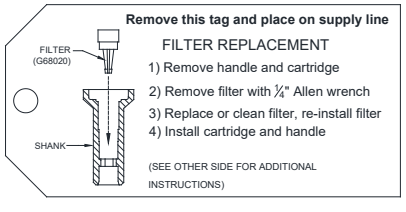
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Remove this tag and place on supply line

INSTRUCTION GUIDELINES

1) Flush supply lines thoroughly before installing faucet.
2) Install 1.0 or 0.5 GPM spray outlet only, hand tighten.
3) See under handle for run time adjustment.
Need Help? 1-800-997-3876 or visit www.zurn.com

(SEE OTHER SIDE FOR ADDITIONAL INSTRUCTIONS)



MAINTENANCE

1. YOUR ZURN AQUASPEC 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. METERING CARTRIDGE (ITEM #3) REMOVAL AND REPLACEMENT
   - 2.1. REMOVE COLORED INDEX BUTTON (ITEM #1C) FROM HANDLE (ITEM #1A).
   - 2.2. LOOSEN SET SCREW (ITEM #1B) IN HANDLE WITH 3/32" ALLEN WRENCH.
   - 2.3. PULL UP ON HANDLE TO REMOVE FROM STEM (ITEM #2C) OF HANDLE NUT ASSEMBLY (ITEM #2).
   - 2.4. REMOVE HANDLE NUT ASSEMBLY (ITEM #2) USING 1-1/8" HEX 6-POINT SOCKET
   - 2.5. REMOVE METERING CARTRIDGE (ITEM #3) BY LIFTING OUT OF FAUCET BODY (ITEM #7). IT MAY BE NECESSARY TO OPEN THE SUPPLY STOP SLIGHTLY TO ALLOW WATER PRESSURE TO PUSH THE METERING CARTRIDGE UPWARD.
   - 2.6. INSPECT METERING CARTRIDGE (ITEM #3) FOR WORN PARTS, DAMAGED PARTS AND ANY CONTAMINATION THAT MAY BE PREVENTING THE METERING CARTRIDGE FROM MOVING FREELY OR SEATING. OTHER THAN CLEANING ANY TRAPPED DEBRIS, **THERE ARE NO SERVICEABLE PARTS IN THE METERING CARTRIDGE**. CONTAMINATED OR DAMAGED METERING CARTRIDGE ASSEMBLIES SHOULD BE REPLACED.
   - 2.7. REVERSE STEPS 2.1 THROUGH 2.5 FOR RE-ASSEMBLY. TIGHTEN CAP (ITEM #2F) WITH 1-1/8" HEX 6-POINT SOCKET UNTIL NO WATER IS LEAKING FROM UNDER THE HANDLE NUT ASSEMBLY WHEN THE FAUCET IS RUNNINGHOLD DOWN HANDLE (ITEM #1) WHILE TIGHTENING SET SCREW (ITEM #1B) TO ENSURE PROPER SEATING.
3. IT MAY BE NECESSARY TO REPLACE OR BACK FLUSH THE INTEGRAL SHANK FILTER CARTRIDGE AND AERATOR PERIODICALLY TO REMOVE COLLECTED SEDIMENT AND DEBRIS.
   - 3.1. INTEGRAL SHANK FILTER (ITEM #4) IS REMOVED USING A 1/4" ALLEN WRENCH.

ADJUSTING THE CYCLE TIME ON ZURN METERING FAUCET

1. METERING FAUCETS ARE FACTORY PRESET FOR A 10 TO 15 SEC. CYCLE AT 80 PSI.
2. ACTUATE FAUCET 3 TO 5 TIMES TO REMOVE ANY TRAPPED AIR IN THE SUPPLY LINE OR FAUCET
3. REMOVE HANDLE (ITEM #1) PER INSTRUCTIONS IN MAINTENANCE SECTION 2.1 THROUGH 2.3 TO EXPOSE ADJUSTMEN NUT (ITEM #2E)
4. INCREASE CYCLE TIME BY TIGHTENING ADJUSTMENT NUT (ITEM #2E) 1/2 TURN CLOCKWISE. DECREASE CYCLE TIME BY LOOSENING ADJUSTMENT NUT 1/2 TURN COUNTERCLOCKWISE. CHECK FOR DESIRED CYCLE TIME BY ACTUATING FAUCET WITH HANDLE (ITEM #1) IN PLACE ON STEM (ITEM #2C)

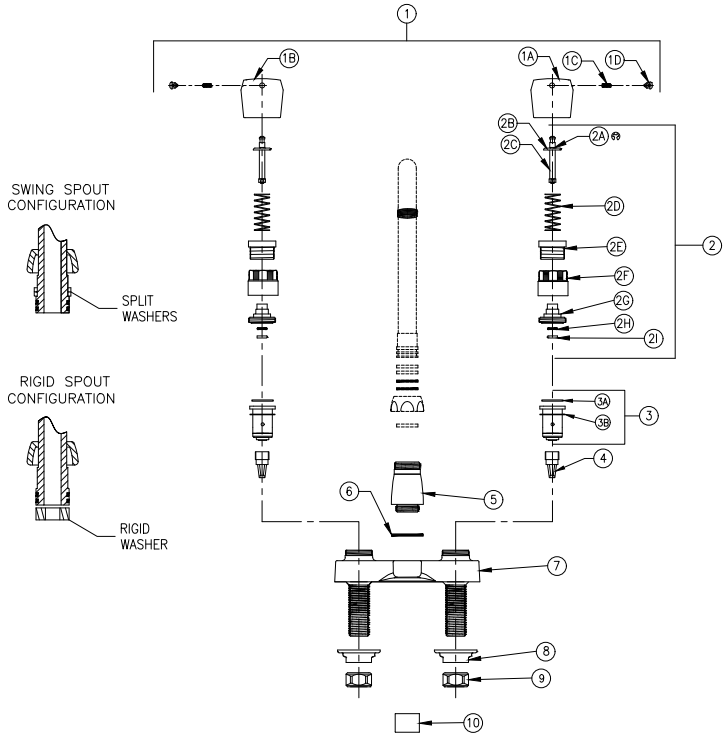
REPLACEMENT PARTS

HANDLE NUT ASSEMBLY	G60561
METERING CARTRIDGE ASSEMBLY	G61754
HANDLE ASSEMBLY	G60522
INTEGRAL SHANK FILTER	G68020

METERING FAUCET TROUBLE SHOOTING GUIDE

PROBLEM	CAUSE	SOLUTION
No water dispensing from faucet.	Supply stops not open	Open supply stops.
	Aerator (Item #10) contaminated.	Remove aerator (Item #10) to clean and/or replace.
	Filter assembly (Item #4) contaminated	Shut off water supply. Remove filter assembly to clean and/or replace. Filter located internally within faucet body under metering cartridge.
Faucet is shutting off to quickly	Adjustment nut (Item #2) requires adjustment.	Remove handle (Item #1) using 3/32" Allen wrench. Rotate adjustment nut (Item #2) down (CW) to lengthen handle stroke and increase cycle time.
	Metering cartridge (Item #3) is damaged.	Replace metering cartridge (Item #3) G61754 per Installation and Maintenance guide, page 2
Faucet is running too long or will not shut off.	Adjustment nut (Item #2) requires adjustment.	Remove handle (Item #1) using 3/32" Allen wrench. Rotate adjustment nut (Item 2) up (CCW) to shorten handle stroke and decrease cycle time.
	Metering cartridge (Item #3) is overly contaminated or damaged.	Replace metering cartridge (Item #3) G61754 per Installation and Maintenance guide, page 2
	Aerator (Item #10) is not installed or incorrect aerator (Item #10) installed.	Install 1.0 GPM or 0.5 GPM aerator (Item #10). Facuet may not shut off with flow rate > 1.0 GPM.
	Handle nut (Item #2) is not adequately tightened.	Tighten handle nut (Item #2) using 1-1/8" hex 6 point socket to create seal and seat metering cartridge. Do not over tighten.

Z866A0-XL PICTURED



Item	Part Number	Description	Qty.
1	G61830	Dual Metering Handle Assembly	1
1A	60601002	Cold Metering Handle	1
1B	60601001	Hot Metering Handle	1
1C	62705001	Setscrew	2
1D	G60562	Metering Index Buttons - H, C	1
	60460001	Hot Index	1
	60460002	Cold Index	1
2	G60561	Handle Nut Assembly	2
2A	60465001	E-Ring	1
2B	60451003	Stem	1
2C	60450001	Spring Seat	1
2D	60447001	Spring	1
2E	60446001	Adjustment Nut	1
2F	60452001	Cap	1
2G	60456001	Stem Housing	1
2H	58155107	O-Ring	1
2I	60458-001	O-Ring Retainer	1
3	G61754	Metering Cartridge Assembly	2
3A	58155020	O-Ring	1
3B	81241001	Washer	1
4	G68020	Integral Shank Filter	2
5	60467005	Base	1
6	58155019	O-Ring	1
7	60454004	4” Centerset Gooseneck Body	1
8	G68042	Mounting Nut (2 each)	1
9	G68043	1/2” NPSM Riser Nut (2 each)	1
10	G66696	3/4”-27 Femal Spray Outlet	1