

F-503 and F-503-VP Water Bubblers Installation Assembly and Parts List



F-503 Bubbler - Standard (STD) Mirrored Stainless Finish

Bubbler Installation

1. Before connecting the makeup water line to the fountain, open the supply line stop valve enough to give a good rush of water into a bucket. Repeat several times until the water runs clear. Start with the nearest fountain and progress one by one to the furthest down the supply line.
2. When replacing a flow regulator the line should be flushed (as outlined above) to ensure proper operation of the new regulator.
3. After flushing, install the regulator (see steps below) and snug the retaining ring by hand. It should be tightened only enough to make a water seal. Turn the supply stop valve fully on to check for leaks and to ensure the stream height is satisfactory.
4. To adjust the stream height, turn the screw on the cartridge regulator using a screw driver. Adjustments to the stream height should be slight (about 1/8 turn at a time). Turn the screw clockwise to reduce flow and counter clockwise to increase flow. If the stream height doesn't change, check for flow restrictions elsewhere (i.e. stop valve not completely open, loose washer in stop valve, pinched piping, pipe dope or solder in piping, debris in screen at base of bubbler or spout). Once the stream height is satisfactory, the bubbler top can be screwed back on to the assembly.

Regulator Installation

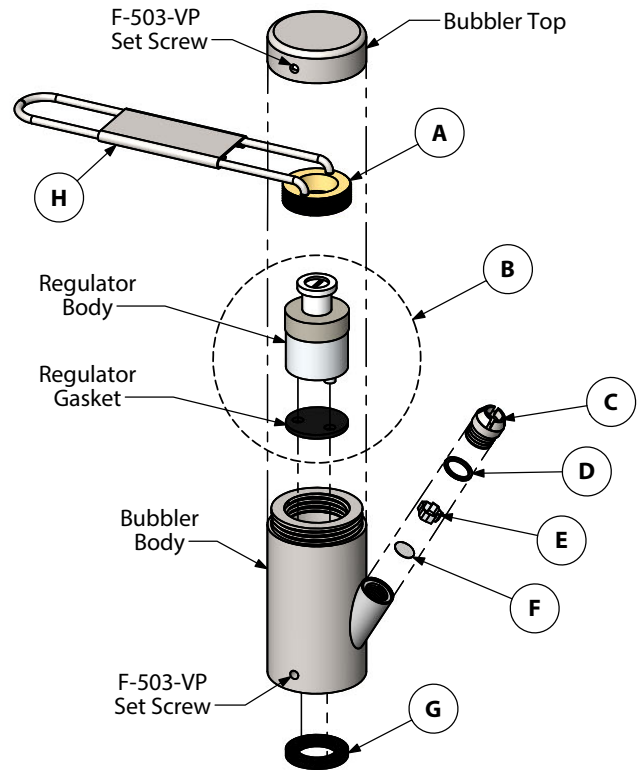
1. Ensure regulator cartridge is cleaned and assembled properly. See Water Regulator Assembly for instructions on assembling.
2. Remove bubbler top and retaining ring.
3. Insert regulator cartridge into body as shown followed by the retaining ring. Tighten with spanner wrench or needle nose pliers. **Do not over tighten, 3.5 lb/ft torque max!**
4. Replace bubbler top and insert VP screw (if applicable).

BRONZE F-503 BUBBLER ORDER PART NOS.

		MIRRORED	STATUARY	SATIN	OIL RUBBED
F-503 ASSEMBLY	STD	45.0324	45.0424	45.0528	45.0624
	VP	45.0328	45.0428	45.0534	45.0628
SPOUT (D)		45.0330	45.0430	45.0530	45.0630

NOTE

Model F-503 bubbler is 316L stainless steel.



Exploded View
F-503 Bubbler Assembly

DRAWING REFERENCE	DESCRIPTION	ORDER PART NO.
ASSEMBLY	F-503 S/S BUBBLER ASSEMBLY	45.0051
	F-503 S/S VANDAL PROOF ASSEMBLY	45.0077
A	RETAINER RING - BRASS	45.0008
B	REGULATOR CARTRIDGE ASSEMBLY	45.0006
C	SPOUT - CHROME	SOLD AS UNIT 45.0011
D	O-RING - RUBBER	
E	STREAM STRAIGHTENER - BRASS	
F	SCREEN - STAINLESS STEEL	45.0016
G	MOUNTING WASHER - RUBBER	
H	SPANNER WRENCH	45.0017