




PROJECT		REF		REV	ITEM CODE	
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SANITARY WARE SPECIFICATION SHEET

Item Descriptions	FLUIDMASTER (USA) " 200E " 3/8" bottom entry extractable and quiet float valve
Dimensions	Height: 114~261 mm
Model	200E043
Manufacturer	Fluidmaster Inc
Source	Ka Shing Enterprises (H.K) Limited Mr. Ivan Lau / Mr. Gilman Yuen
Contact Tel/Fax	(852) 2628-0661 / (852) 2490-2700
E-mail	project@kashingehk.com
Website	www.kashingehk.com


Illustration/ Drawing



Replaces old ballcock technology
 Reemplaza la tecnología anticuada de flotador

Valve Type	Pilot
In Tank Adjustability:	
Adjustable Refill Port Locations	4
Minimum distance from valve center to tank wall	2.625" (67mm)
Adjustable Float Height	
Min/Max water height in tank	Approx. 4.5" - 10.3" (114 - 261mm)
Refill Restrictor Option	N/A
Anti-Siphon Design	
Over Tightening Prevention	No
Operating Pressure Range (psi)	2.6 - 150psi
Operating Pressure Range (bar)	0.2 - 10.3bar
Min. total flow rate @ 3.6 psi	0.52 GPM
Min. total flow rate @ 0.25 bar	2.0 L/min
Min. refill % of total flow at 15 psi (1.03 bar)	N/A
Prevents tank auto-refill due to tank leak	No
Life cycle testing at 90 psi (6.21 bar)	Min. 75,000 Cycle
Warranty	1 Year
Shank size	3/8"

200E043





Note:

* All information of the above is for the reference only. No prior notice is made if any changes.



TOILET TANK REPAIR VALVE INSTALLATION INSTRUCTIONS

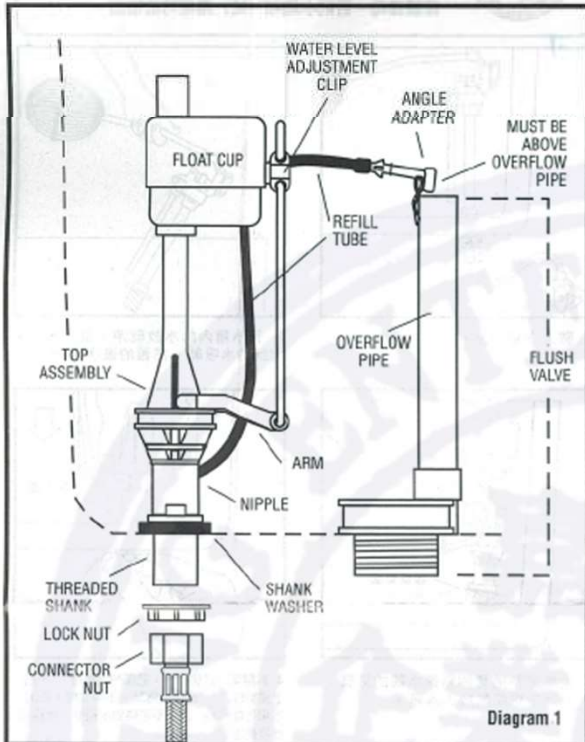
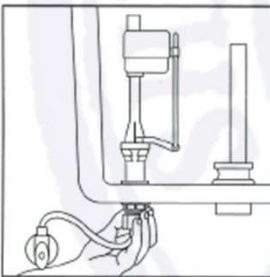
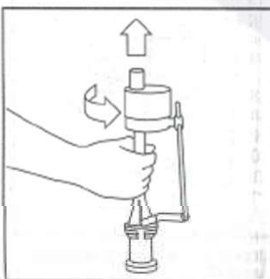


Diagram 1

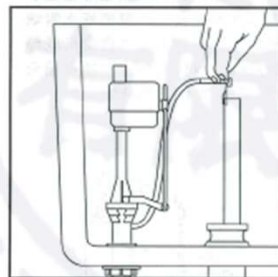


5. Tighten water supply connector. Hand tighten only. DO NOT OVERTIGHTEN or tank may crack.

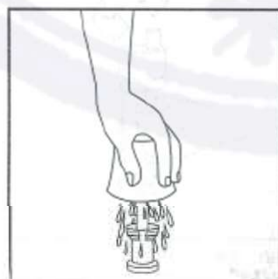
CAUTION: Overtightening of lock nut or coupling nut could result in breakage and potential flooding.



7. **IMPORTANT: SAND AND RUST MOVE THROUGH WATER PIPES. ALWAYS CLEAR DEBRIS FROM WATER LINE TO COMPLETE INSTALLATION:** Remove TOP ASSEMBLY with a 1/8 turn counterclockwise. While holding a container over the uncapped VALVE to prevent splashing, turn water supply on and off a few times. Replace TOP ASSEMBLY by engaging lugs and rotating 1/8 turn clockwise.



6. Remove and discard overflow pipe cap if present. Attach one end of black REFILL TUBE to ANGLE ADAPTER and the other end to NIPPLE located near top of valve. Attach ANGLE ADAPTER to overflow pipe. Trim REFILL TUBE as necessary to prevent kinking.



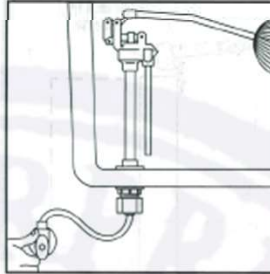
NOTE: SAVE INSTRUCTION SHEET FOR FUTURE REFERENCE.
TOOLS REQUIRED FOR INSTALLATION: Pliers or crescent wrench, hammer, sponge and scissors.

WARNING

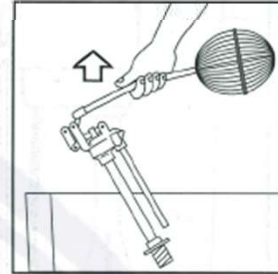


DO NOT USE IN-TANK DROP-IN TOILET BOWL CLEANERS CONTAINING BLEACH OR CHLORINE. Use of such products will: (1) RESULT IN DAMAGE to tank components and MAY CAUSE FLOODING and PROPERTY DAMAGE and (2) VOID FLUIDMASTER WARRANTY. DO NOT overtighten nuts or tank/bowl may crack.

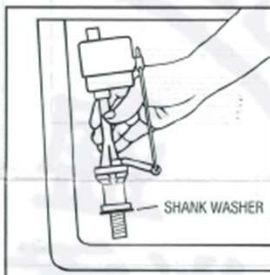
IMPORTANT: DO NOT use plumber's putty to seal these fittings.



1. Shut off water supply to tank.



2. Flush tank and sponge out remaining water. Remove old ballcock assembly.

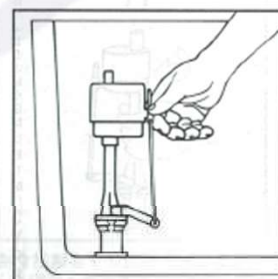
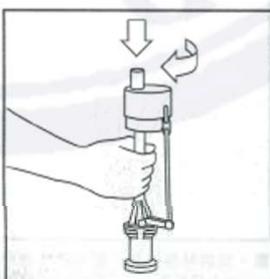
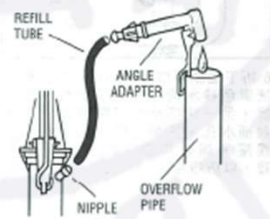


3. Place SHANK WASHER on threaded shank of new VALVE. Position valve in tank.



4. Push down on the VALVE SHANK (not the TOP) while tightening LOCK NUT. Hand tighten only. DO NOT OVERTIGHTEN or tank may crack. Make sure FLOAT CUP does not touch toilet tank walls, trip mechanism or flush valve.

NOTE: Flow from refill tube must be positioned just above the overflow pipe. Do not insert refill tube into overflow pipe. This will siphon water down overflow pipe causing valve to turn on and off, trying to keep tank full.



8. Turn on water supply. Adjust water to desired level by squeezing WATER LEVEL ADJUSTMENT CLIP and moving FLOAT CUP up or down along stainless steel link.

TROUBLESHOOTING

IF FILL VALVE SHUTS OFF BUT CONTINUES TO LEAK SLOWLY, repeat Step 7.
IF FILL VALVE TURNS OFF AND ON DURING PERIODS OF NON-USE, it is a signal you are wasting water because:

- The end of refill tube is inserted into overflow pipe, below water level in tank (See Step 6).
- The drain valve is leaking because it's worn, dirty or misaligned with tank ball or flapper (replace with a new Fluidmaster flapper).

IF FILL VALVE WON'T TURN ON OR SHUT OFF or REFILL OF TANK WATER IS SLOW after valve has been in use for some time, Model 242 Replacement Seal may be needed.

Go to our website at www.fluidmaster.com for more solutions to toilet problems.

GUARANTEE: This Fluidmaster product is guaranteed to be free from defective materials and workmanship for a period of one year. Units returned to Fluidmaster, U.S.A., will be replaced without charge.

Always use quality Fluidmaster repair parts when maintaining your Fluidmaster products. Fluidmaster shall not be responsible or liable for any damages caused by products used in Fluidmaster valves that were not manufactured by Fluidmaster, Inc.

REGISTERED TRADEMARKS

U.S.-244603, 245172, 3428966, 3429333, 3495803, 3509130, 4009080, 4100920, 4327941, 4410302, AUSTRALIA-421225, 423785, 427099, 433941, 459821, 587088, BELGIUM-699955, 789268, BRAZIL-991353, CANADA-834406, 834517, 842557, 842558, 842559, 842560, 849102, 857002, 925396, 1046802, 1065731, 1065732, 1065733, 1065734, 1190509, COLOMBIA-19919, GERMANY(W)-2132631, GREAT BRITAIN-1208646, 1528291, HONG KONG-857, ITALY-807405, 835451, JAPAN-810259, 1039299, 1109738, 543961, 578538, MEXICO-129183, 1444000, 145552, NETHERLANDS-141630, 144913, 162449, SINGAPORE-279-1973, SOUTH AFRICA-72-8273, 72-8734, SPAIN-342777, 393324, SWEDEN-346348, 372584, SWITZERLAND-345389, 612471, TAIWAN-8937, 7168, 10051, 10077, UM-41880. Other U.S. and Foreign patents pending.