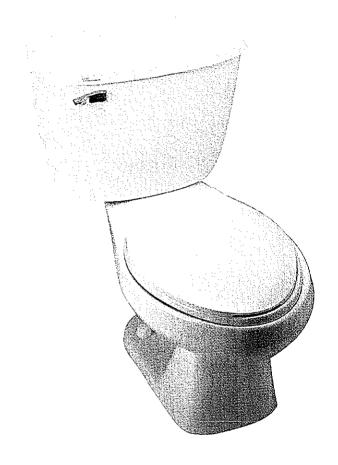
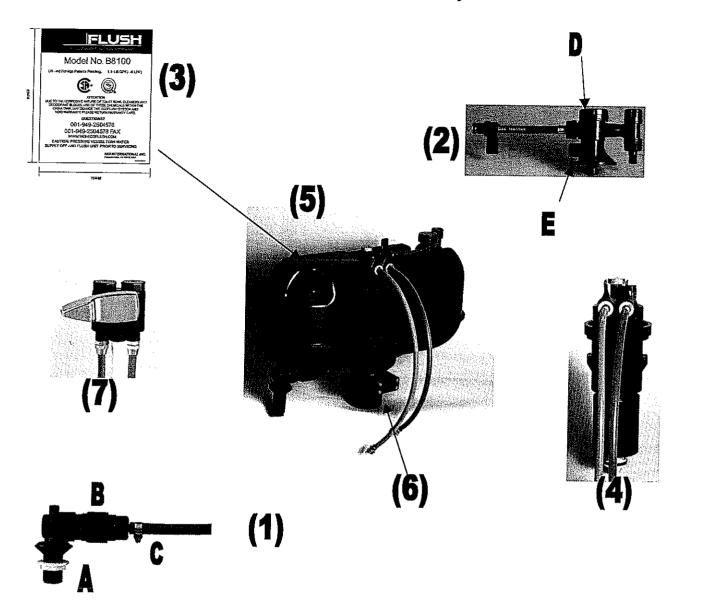
# EcoQuantum™ Dual Function Pressure Assist Toilet





# EcoFlush™ Model B8100 Series- Dual Flush System



# Components for B8100 Series:

- 1. Lower Inlet Supply w/Hose
- A Inlet Connector 15/16" w/filter screen
- B Pressure regulator & relief valve
- C Supply hose to upper assembly
- 2. Upper Supply Assembly
- D Air Inducer
- E Anti-Siphon w/check ball valve for back-flow prevention

- 3. Name Plate w/Product Information
- 4. Flush Valve Cartridge Assembly (FVC) Partial (Orange) & Full (Light Blue) Flush Lines
- 5. Vessel
- 6. Discharge Extension w/Drain
- 7. Dual Flush Control Valve

EcoQuantum™ dual function system provides the means of saving water and money by providing the highest performance capability available today in the ULF (Ultra-Low Fixture) category. This means that you may use the partial flush 1.1 gallon/4 liters of water to discharge the liquid waste and the full flush to provide 1.6 gallon/6 liters of water to thoroughly clean the toilet bowl of solid waste. The EcoQuantum is currently the only

system that provides this dual function capability. The Patent Pending Design of the EcoQuantum dual flush valve cartridge provides superior flushing performance for either liquid or solid waste elimination. The incoming water compresses the air inside the pressure vessel; hence creating a piston effect that drives the water into the bowl for effective bowl cleaning. The EcoQuantum System in concert with the specially designed toilet bowl offers many unique benefits and features.

**CAUTION:** When servicing or replacing components to the EcoQuantum<sup>™</sup> system, make certain that the water supply is turned OFF and the toilet is then flushed to relieve the internal air and water pressure inside the vessel.

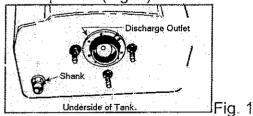
**CAUTION:** The EcoQuantum<sup>™</sup> pressure flushing system can only be used with bowls that were specifically designed to use this technology. These bowls are referred to as jetted pressure assisted toilet bowls.

<u>NEVER</u> use lubricants on any of the components unless otherwise specified in this manual. <u>NEVER</u> use corrosive disinfectants, bowl cleaners or deodorants in the toilet tank as this will void the manufacturers warranty.

#### INSTALLATION

The EcoQuantum™ System is installed in the same manner as other water closets. Before installation of this product the water service line should be flushed out. This is to remove foreign objects such as lime scale, or construction debris from the water service line prior to making the connection to the tank.

- 1. The bolts are provided in place on underside of tank. (Fig. 1)
- 2. Press tank-to-bowl gasket firmly into place around the black discharge outlet
- 3. Carefully center the tank discharge outlet with gasket into the toilet bowl inlet. The bolts should extend through the mounting holes in the bowl ledge. DO NOT LET THE GASKET COME LOOSE.
- 4. Attach the washers and brass nuts (from the installation package) so they are finger-tight on the bolts beneath the ledge. Use wrench to tighten ONLY until the connection is secure. Tank should be level both front-to-back and side-to-side (using a 2' level).
- 5. Connect the water supply line coupling nut to the shank beneath the tank. (Cone gasket and friction washer are supplied.) Finger-tightening the coupling nut may be required. (Fig. 2)



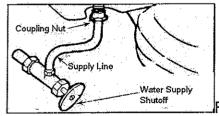
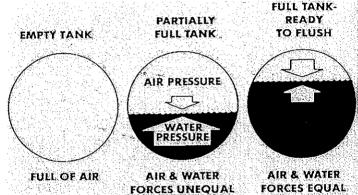


Fig. 2

After connecting the supply line to the tank, check the 3 locking keys (Orange, Light Blue, & Blue), indication of the locked position is the taps on all lines should be pointed upward. Install the dual flush lever, depending on the fixture, the flush lever mechanism is either on the left or right hand side depending on the design of the fixture you purchased. Now turn on the water and check for leaks.

## **FACTS, FEATURES, AND BENEFITS**

- 1 The Eco Quantum allows consumers to conserve water depending on the type of flush required (1.1gpf/4Lpf for liquids, and 1.6gpf/6Lpf for solids), hence conserving our natural resources.
- 2. Rated as the quietest pressure assisted flushing vessel currently available.
- 3. Eco Quantum achieves siphon action (the principle necessary to extract waste from a toilet) in approximately one second
- 4 It will operate on water line pressures as low as 20psi and as high as 125psi.
- 5. Pressurized flushing action improves drain line carry and virtually eliminates stoppages & repeated flushing
- 6. Larger trap way to eliminate bowl clogs.
- 7. Eco Quantum tank will not condensate therefore eliminating sweating.
- 8. It harnesses the pressure of the incoming water by containing the air pressure in the vessel, then when flushed pressurized water rushes into the bowl, for powerful, quiet, & quick flush.



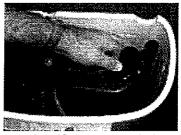
9 Eco Quantum complies with ASME (American Society of Mechanical Engineers) standard A112.19.14 as dual flush pressure assisted tank.

**Dual Flush Control System** – You will note that the flushing mechanism has two lines which have twist and lock connectors, the partial 1.1 gallon/4 liter twist & lock is controlled by the orange connector line and the full flush 1.6 gallon/6 liter light blue connector line controls the full flush. The system is shipped to you with orange (partial flush) line on the right facing the Dual Flush Control valve and Flush valve and the blue (full flush line on the left facing the unit) as pictured. The system is shipped with the partial flush (orange line) activated by pushing the flush lever handle down.

Activate the Partial Flush by Raising the Flush Handle: If you prefer to have anyone using the toilet activate the partial flush 1.1 gallon/4 liters by raising the flush lever up, then you may do so by switching the connector lines on the DFC. Turn off the water supply, flush to relieve any pressure, then remove the flush lever, and plastic nut, then disconnect the connector lines and reconnect the orange line to the left side facing the unit and reconnect the light blue line to the right outlet on the DFC. Reinstall the DFC and turn on the water and check for any leaks.

#### After installation check the following:

a. Verify water pressure: The recommended static pressure range by code is 20 PSI to 125 PSI). If sufficient supply pressure has been verified then;



- **b.** Flush the unit several times to clear any excess air trapped in the vessel.
- c. Note: if any problem occurs shut off the water supply and flush to relieve any water or air pressure remaining in the vessel.
- **d.** If the vessel doesn't flush, shut off the water supply and remove the connector line nut that connects the upper supply assembly and the flush valve cartridge, loosening or removal of this line will eliminate the pressure inside the vessel.

#### **TROUBLESHOOTING**

**CONDITION 1: NO WATER FLOWS INTO THE VESSEL** If the water pressure is below 20 PSI the unit will not function properly (NOTE: The recommended static pressure range by code is 20 PSI to 125 PSI). If you cannot increase the water pressure to the required level the unit will not function properly.

Check the following to make sure that there is no mechanical reason for the low pressure.

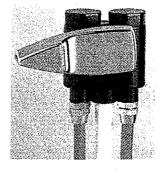


Step 1. Make sure water supply valve is fully open.

Step 2. Check the Debris Filter Screen for any obstruction that would restrict the water supply pressure. To check the debris screen, shut off the water supply, flush the toilet to discharge any pressure, then disconnect the supply line, remove the debris screen from the threaded connector shank and flush any debris which might be preventing the flow of water through the filter screen, replace and turn the water supply on checking for leaks.

Step 3. Check to insure that the there are no kinks in the supply lines or connector lines between lower and upper supply assemblies, which would prevent the flow of the water into the system. Also check that there are no leaks at any of the connections.





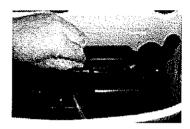
Step 4. Check the flush control valve for any leaks and make sure the connections are also tight. If water is leaking from the flush control valve then the flush control valve should be replaced EcoQuantum Part Number B8100-04, covered by factory warranty.



Step 5. Check the Flush Valve Cartridge (FVC) for air leaks by pouring a small amount of water into the area around the top of the flush valve cartridge. If air bubbles are visible than you must remove the FVC and check the flush valve o-ring for damage and to see that it is properly positioned in the vessel. If air bubbles are observed then you must remove the Flush Valve Cartridge & inspect the o-ring for damage or proper seating.

#### To remove the Flush Valve Cartridge proceed as follows:

Step a. Shut off the water supply and flush the toilet to remove any remaining water or air pressure before starting the procedure.



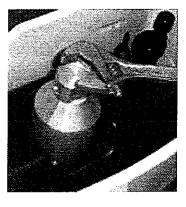
Step b. Remove the quick connector line between the Upper Supply Assembly and the Flush Valve Cartridge by rotating the locking tap downward and remove the supply line and set it aside.



Step c. Disconnect the Dual Flush Control valve orange and blue lines, but rotating the locking tabs downward and pull gently on the lines.



Step d. Remove the Flush Valve Cartridge (FVC) Assembly use the tool provided. Using the FVC tool engage to teeth of the tool with the slots on the top of the FVC and with the aid of wrench rotate the FVC counter clockwise \_\_turn, then lift the FVC up removing the FVC & the upper o-ring. Inspect the upper o-ring and the flush valve seat of the Flush Valve Cartridge.



Step e. Reinstall the FVC Assembly. First, position the o-ring in the flush valve seat and then carefully insert the cartridge into the vessel making sure that the o-ring stays in the proper position. Using the tool align the dual connectors at the 5 o clock position and while gently pushing down on the cartridge rotate the cartridge clockwise \_ turn to lock the FVC into position with connector ports aligned and facing forward, indicating that the FVC is now locked into the proper position. (DO NOT USE LUBRICANTS ON THE O'RING OR INTERNAL PART OF THE ECO QUANTUM AS THIS WILL VOID THE WARRANTY AND CAUSE DAMAGE TO THE SYSTEM.



Step f. Reconnect the DFC supply lines, orange on right facing port and the light blue line on the left facing port and while pushing the locking keys into place rotate the locking taps upward to lock the lines into place.



Step g. Reconnect the Upper Supply quick connect line (blue) by aligning the locking tab and pushing inward rotate the locking tap upward to lock the line into position.



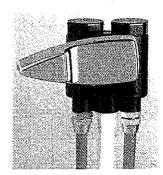
Step h. Locate the round brass knurled nut and hand tighten to ensure that the lower seal is seated in the discharge outlet of the vessel. This brass nut should be screwed tightly down into position, don't not use excessive force, as this can strip the threads on the FVC.



Step i. Turn on the water supply and check all lines carefully for leaks, to insure that the FVC o-ring is properly seated pour water into the top of the FVC and check for air leaks. Test flush the unit several times to clear excess air and continue use.

Step 6. If Step 4 & 5 doesn't resolve the problem then it will be necessary to replace the flush valve cartridge including the o-ring EcoQuantum part number B8100-03, covered by factory warranty.

#### CONDITION 2: Water Runs & Will Not Shut Off



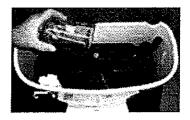
(NOTE: The recommended static pressure range by code is 20 P.S.I. to 125 P.S.I.). If sufficient supply pressure has been verified and the toilet continues to run, the following steps may be required:

Step 1. Make sure the water supply valve is fully open.

Step 2. Check the flush control valve for any leaks and make sure the connections are also tight. If water is leaking from the flush control valve then the flush control valve should be replaced EcoFlush Part

Number B8100-04, covered by factory warranty

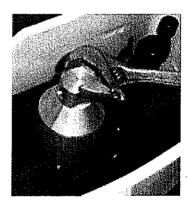
Step 3. Check to ensure that the there are no leaks in the supply line and connector lines which would prevent the proper function of the system.



Step 4. Check the Flush Valve Cartridge assembly for proper installation and use the water test to check for air leak around the top of the flush valve cartridge. Proceed as follows: If the FVC has an air leak you need to check the flush valve & o-ring seal.



Step 5. Turn off the water supply, flush the toilet to relieve any pressure and remove the Flush Valve Cartridge (FVC) Assembly using Flush Valve tool. To remove the Flush Valve Cartridge Assembly: Disconnect the 3 lines the supply line from the upper supply assembly and the two lines from the DFC valve, you may disconnect these lines by moving the tabs into the unlocked position and pull gently on the lines. Disconnect Upper Supply line to the FVC by loosing the nut on that connects the top of the FVC to the Upper Supply Assembly.



Step 6. Using the tool provided engage the interlocking teeth and rotate the FVC counter clock wise \_ turn, then lift the FVC up removing it from the vessel.



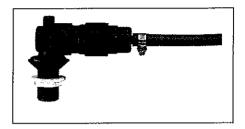
Step 7. Inspect the FVC large o-ring at the top of and also check the lower o-ring for damage or if it is properly seated. NEVER USE ANY LUBRICANTS ON ANY OF THE PARTS OF THE ECO QUANTUM AS THIS WILL VOID THE WARRANTY AND CAUSE DAMAGE TO THE PARTS.



Step 8. Reinstall the Flush Valve Cartridge (FVC) Assembly. First, insert the cartridge into vessel and, while gently pushing down on the cartridge turn the cartridge clockwise \_ turn to lock the FVC into position with connector ports aligned and facing forward, indicating that the locking are now aligned. Turn on the water check carefully for leaks.

Step 9. If the tank continues to run-on remove the FVC and check that the lower piston is in the proper position, and check the large o-ring to insure that it is properly seated. When the vessel is filled and the water stops running, it is an indication that vessel is filled and ready to continue normal use.

Step 10. If the water continues through the vessel into the toilet after completing Steps 1 through 9 the Flush Valve Cartridge should be replaced EcoFlush part number B8100-03, covered by warranty.



Check Lower inlet supply assemble and to see if the pressure relief valve is leaking or allowing water to flow into the tank. If water is leaking from the pressure regulator & relief valve of the lower inlet supply assembly, the lower inlet supply assembly must be replaced. EcoQuantum Part number B8100-01, covered by factory warranty.

#### **CONDITION 3: Weak or Sluggish Flush.**

Step 1. (NOTE: The recommended static pressure range by code is 20 PSI to 125 PSI). If sufficient supply pressure has been verified and the toilet continues to run, the following steps may be required. If the pressure is within the above defined limits, then you will want to flush the system a couple of times to remove any debris that may be limiting the flow of water to the vessel.



Step 2. Check for debris in the filter screen system at the water inlet for any obstruction that might limit the flow of water into the vessel. To do this shut off the water supply, flush the unit to relieve any pressure and disconnect the water supply line from the threaded connector, you can remove the filer screen easily using one finger, clean & replace, then reconnect the water supply and check the water flow.



Step 3. Make sure that the vessel has sufficient time to fully recharge the lower the pressure the longer the time to recharge the vessel, we suggest that you allow at least 2 minutes between flush cycles.

#### WINTERIZING

The EcoFlush<sup>™</sup>, when installed in a summer home, cottage or cabin, can be winterized to allow for periods for non-use especially when the dwelling is subject to frigid conditions. Follow the procedures outlined below.

Tools: (1) Sponge, (2) Bucket, (3) Adjustable Channel Locks

#### Tank Procedure:

- Step1. Turn off the water supply line valve and remove the toilet tank lid/cover.
- Step 2. Flush the system to discharge all the water from the vessel.
- Step 3. Disconnect the supply line-coupling nut from the connector shank. NOTE: A small amount of water will drip out of the shank. Be prepared to collect it in a bucket or sponge it up. Loosen the hex nut on the connector shank to allow and water to drain from the bottom of the toilet tank into a bucket. You may also remove the toilet tank lid and use an old towel to soak up any water that may accumulate in the bottom of the tank.
- Step 4. Flush the vessel to insure that the vessel has discharged all air & water.

#### **Bowl Procedure:**

After flushing out the vessel, remove any remaining water from the bowl or add from 1 pint to 1 quart of antifreeze or RV antifreeze to the water remaining in the bowl.

#### POINTS TO REMEMBER\_

#### SAFETY NOTICE

- When servicing any component, the water supply should be turned OFF and the vessel should be flushed normally in order to relieve the air and water pressure in the vessel.
- The Flush Valve Cartridge Assembly can be removed by using the tool provided, insert the teeth into the slots on circumference of the top of the flush valve into the top of the Cartridge and \_ turn in a clockwise direction.
- NEVER use any corrosive disinfectants, bowl cleaners or deodorant blocks on WDI
   EcoFlush™ system or into the toilet tank. USE OF ANY CORROSIVE OR
   CHLORINE BASED CLEANERS IN THE TOILET TANK SHALL BE JUST CAUSE
   TO VOID THE WARRANTY OF THIS PRODUCT.

The EcoQuantum<sup>™</sup> has been engineered to provide reliable performance year after year. However, if servicing is ever required, it is recommended that you follow the instructions included in this brochure. If you would like additional information or require technical assistance, write to us at the address below or call us at (800) 391-9821.

# China Manufacturer's Limited Lifetime Warranty

PLEASE READ CAREFULLY AND RETAIN FOR YOUR RECORDS. Mansfield Plumbing Products LLC warrants this china product, excluding plumbing fittings, toilet tank trim products - flush valve, ball cock and trip lever, see specific warranty exclusions outlined below for these products, to be free from defects in material or workmanship for the lifetime of this product to the purchaser starting from the date of purchase. Mansfield Plumbing Products LLC promises to provide a replacement china part for any china part of this product that proves, upon our inspection and from the date of purchase, to be defective in material or workmanship. All labor for de-installation and reinstallation and transportation costs or charges incidental to warranty service are to be borne by the owner. Mansfield Plumbing Products LLC provides no warranties, written or oral, beyond those contained on the face hereof.

#### **EXCLUSIONS:**

In no event shall Mansfield Plumbing Products LLC be liable for incidental or consequential damages, for damages resulting from improper installation or for damages caused by handling, neglect, abuse or alteration. All implied warranties, including any warranty of fitness for any particular purpose of merchantability, or those that might arise from a course of dealing with the purchaser or usages of trade, are hereby disclaimed or excluded. Mansfield Plumbing Products LLC warrants its toilet tank trim: ball cock, flush valve and trip lever and plumbing fittings products to be free from defects in material or workmanship for a period of one year from the date of purchase and Mansfield promises to provide a replacement toilet tank trim product for any tank trim product and/or plumbing fitting product that proves, upon our inspection and within one (1) year from the date of purchase to be defective in material or workmanship. All labor for de-installation and re-installation and transportation costs or charges are to be borne by the owner. Mansfield Plumbing Products LLC shall not be responsible or liable for any failure or damage to its toilet tank trim, plumbing fittings or china products caused by the use of either chloramines or high concentration of chlorine, lime/iron sediments and/or other minerals not removed from public water during the treatment of public water supplies or caused by toilet tank type cleaners containing chlorine, calcium, hydrochloride, and/or other chemicals.

Some states do not allow limitations on an implied warranty, and some states do not allow exclusions or limitations regarding incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights and you may have other rights high vary from state to state. No person is authorized to change, add to, or create any warranty or obligation other than that set forth herein. To obtain warranty service or a copy of this product warranty, contact your local dealer and/or the contractor from whom you purchased this product.

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\* Customer Assistance: 877-850-3060 \* E-mail: custserv@mansfieldplumbing.com

#### **EcoFlush™ SYSTEM WARRANTY REGISTRATION**

WDI International, Inc. (the company), warrants the EcoFlush™ system to be free of defects in material and workmanship for a period of five (5) years from the date of installation and the Company hereby agrees to replace any part of this product that proves, upon our inspection and within five years from date of installation, to be defective in material or workmanship. All labor and transportation costs or charges incidental to warranty service are to be borne by the purchaser-user.

This warranty is subject to the following:

#### **Specific Conditions to Warranty**

A Warranty Registration card must be fully completed and mailed by the purchaser (the "user") to the Company within thirty (30) days of the date of installation. The unit has been subject to proper installation, operation and maintenance as outlined in the installation instructions that were supplied with the unit. Note carefully that this warranty is void if the unit is installed and operated subject to water supply line pressure greater than 125psi (static) or less than 20psi (static).

Service and repairs may only be performed by authorized representatives of the Company or by other's upon specific approval by the Company. Unauthorized repairs or alterations shall specifically void the warranty. Use of chemical disinfectant or corrosive household

cleaners on *WDI* EcoFlush™ products or in the toilet tank will void this warranty. Proof of purchase is required.

#### **Exclusions**

IN NO EVENT SHALL THE COMPANY BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, FOR DAMAGES RESULTING FROM IMPROPER INSTALLATION, ORFOR DAMAGES CAUSED BY NEGLECT, ABUSE OR ALTERATION. ALL IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE ARE LIMITED TO A PERIOD OF FIVE (5) YEARS FROM DATE OF INSTALLATION.

Some states do not allow limitation on the duration of an implied warranty and some states do not allow exclusions or limitations regarding incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights and you may have other rights, which vary form state to state.

No person is authorized to change, add to, or create any warranty or obligation other than that set forth herein. To obtain warranty service contact Consumer Services at the following:

WDI International, Inc.
3 Musick
Irvine, CA, 92618
EcoFlush Technical Support
Tool Free Number
1 800 391 9821
http://www.WDI-EcoFlush.com

#### WARRANTY INFORMATION

Installation Date	е		 
	•		
Serial Number_		 	

# **EcoFlush™ Lower Inlet Supply Assembly**

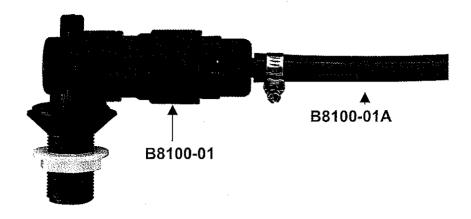


Fig. 1 Exploded Parts View of Lower Inlet Supply Assembly

Part Description	
Complete Lower Supply w/pressure relie	ef valve
Lower and upper supply tube (Black)	

Part Number B8100-01 B8100-01A

## **EcoFlush™ Upper Supply Assembly**

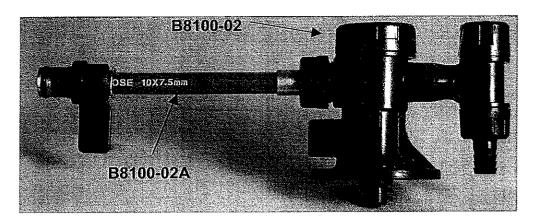


Fig. 2 – Exploded View of Upper Supply Assembly

Part Description
Complete Upper Supply Assembly
Quick Couple Supply Tube (Blue)

Part Number B8100-02 B8100-02A

# EcoFlush™ Flush Valve Cartridge Assembly

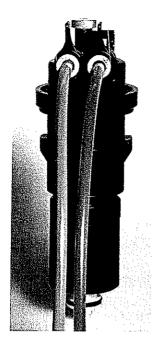
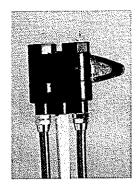


Fig. 3 – Flush Valve Cartridge (FVC) Assembly

Part Description
Complete Flush Valve Cartridge Assembly
No connector lines included.

Part Number B8100-03

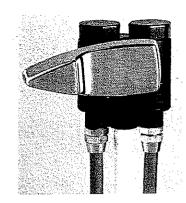
Fig. IV - Flush Control Valve Assembly



**Back View** 



Includes (Flush Control Valve Assembly, Orange Partial Flush Connector w/14 inch tube, Light Blue Full Flush Connector w/ 14 inch tube, White discharge tube, & Polished Chrome Flush Handle)

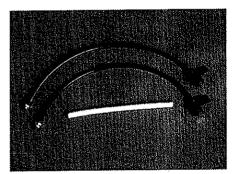


Front View
Part Number
B8100-04+04A+B5081

**Part Description** 

Flush Control Valve Assembly Only
Flush valve control lines and connectors only.

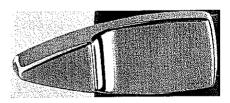
Part Number B8100-04 B8100-04A



Includes:

- a. Orange Partial Flush Connector w/ 14 inch tube
- b. Light Blue Full Flush Connector w/ 14 inch tube
- c. White discharge tube

MPP EcoFlush Lever



**Front View** 

**Back View** 

Mansfield EcoQuantum Flush Handle
Part Description
Polished Chrome
White
Bone
Biscuit
Polished Brass

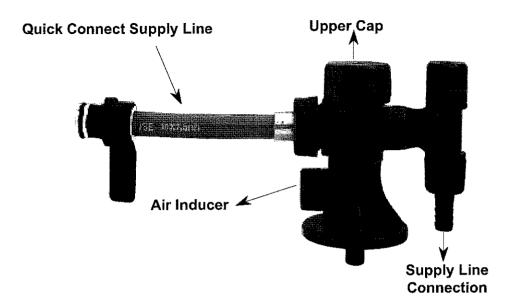
Part Number B5081CLV B5081WLV B5081BNLV B5081BSLV B5081PBLV

	Place postage
 ······	here
EcoFlush™	
c/o WDI International	
3 Musick	
Irvine, CA 92618	
US A	

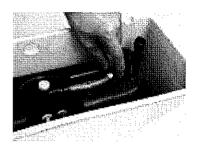
### Back

WARRANTY REGISTRATION					
Please refer to your Owners Service Manual for details regarding your warranty.					
Please complete this warranty card and mail within 30 days from date of installation Please print clearly					
Owner's Name	Telephone ( )				
	•				
Owner's Address	E-mail				
City	State Zip				
Number of Unit(s) Installed	Date Installed///				
	(Required)				
EcoFlush Serial Number(s)					
EcoFlush Model Number(s)					
(Both numbers are	located on the EcoFlush vessel inside the toilet tank)				
Principle Blome					
Fixture Name (located on toilet bowl)					
(located on tollet bowl)					
Where did you purchase this toilet?	Why did you purchase a new toilet?				
Home Center Plumbing Store	RenovatingNew Home				
K & 8 Dealer Other	Water Conservation				
What sources did you use to select a new toilet?	This toilet was installed by:				
K & B Dealer Home Center	Plumber				
MagazinesOther	Owner Other				
	Outet				

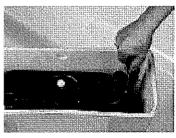
# REPLACEMENT INSTRUCTIONS FOR UPPER SUPPLY ASSEMBLY Part Number B8100-02,B8100-02A



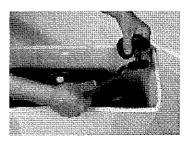
Step 1. Turn off the water supply and flush toilet normally to relieve any water or air pressure.



Step 2. Disconnect the quick connect supply line from the Upper Supply to the FVC by loosening the plastic nut and rotating the locking tab. Remove the quick connect supply line and set it aside.



Step 3. Locate and remove the 4 screws that hold the Upper Supply Assembly in place. Using a screw drive remove the 4 stainless steel screws. (Retain the screws for replacement of the new Upper Supply)



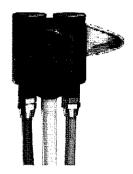
Step 4. Now loosen the hose clamp and remove the hose from the barbed fitting by gently wiggling the supply line back and forth.

Step 5. Put the Upper Supply Assembly aside and make sure that the oring is located in the insert hole of the vessel.

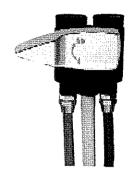
Step 6 Replace & install the Upper Supply Assembly Reconnect the supply lines from the Lower Supply Assembly and the supply line nut to the FVC.

EcoFlush Technical Support Toll Free Number 1 800 391 9821

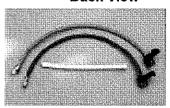
# REPLACEMENT INSTRUCTIONS FOR DUAL FLUSH CONTROL VALVE Part Number B8100-04,B8100-04A



**Back View** 



Front View w/MPP Handle



Orange & Blue Line w/quick lock tabs & SS connector nuts. White discharge line.

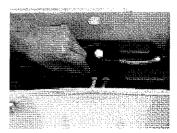
Step 1. Shut off water and flush to relieve any water and air pressure in the vessel.



Step 2 Remove flush handle by pulling outward on the flush handle. If necessary, the use of a screw driver may be needed to pry the flush handle from the DFC valve. Be careful not to damage the china tank or flush handle.



Step 3. Remove the outside nut and washer. This will expose the threads of the DFC and permit the removal of the DFC valve.



Step 4. Rotate the locking tabs of the DFC valve lines from the flush cartridge and disconnect the lines from the DFC Set the Dual Flush Control valve aside and reverse the procedure to install the replacement. Install the flush lever handle by aligning the handle with the DFC valve and push until the handle is locked into position.