

# ***HYDRABEAD***

# ***FILTER***

INSTRUCTION MANUAL



# ***HYDRABEAD***

## FEATURES

FLOWS OF 80 GAL PER MIN.

RATED AT 50 PSI

PRESSURIZED SYSTEM ALLOWS YOU TO PLACE THE SYSTEM OUT OF  
SIGHT

HIGH SURFACE AREA 500-550 SQ.FT PER CU. FT. OF MEDIA

EASY ACCESSIBILITY TO INTERNALS FOR NORMAL MAINTENANCE

AUTOMATED, SELF-CLEANING VALVE OPTIONS

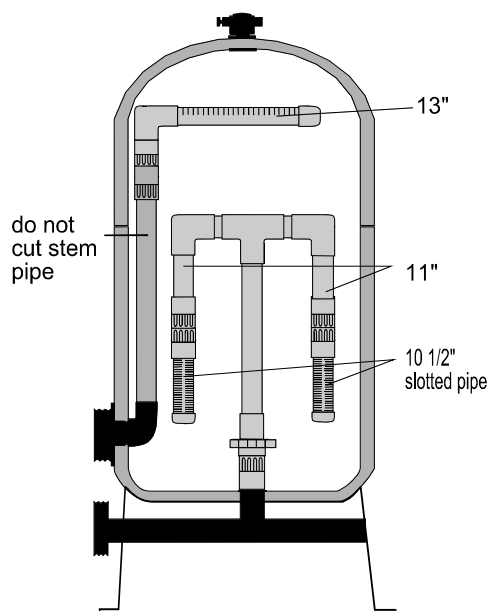
EASY LOW, VOLUME, HIGHLY EFFICIENT, HYDRAULIC BACKWASH  
WITH NO DIRTY DISCHARGE BACK TO POND

DURABLE INJECTION MOLDED CONSTRUCTION

10 YEAR PRORATED WARRANTY

NOTE: CURRENT HYDRABEAD  
MODEL SLIGHTLY DIFFERENT  
THAN SHOWN. NEW DRAWING  
COMING SOON.

## ***HYDRABEAD 60***



## INSTALLATION INSTRUCTIONS



WHEN YOU FIRST OPEN THE BOX, LOOK FOR THE PACKAGE THAT CONTAINS VARIOUS PARTS AND INSTRUCTIONS. IT IS RECOMMENDED THAT YOU TAKE A FEW MINUTES TO READ THIS BOOKLET BEFORE YOU START THE SET UP OF YOUR NEW FILTER.



OPEN THE FILTER AND INSPECT THE INTERIOR FOR ADDITIONAL PARTS SUCH AS VALVES, ETC.



CUT THE SHIPPING BAND INSIDE FILTER AND DISCARD.

ON SOME MODELS SPRAY BAR MAY BE SLIGHTLY DIFFERENT THAN SHOWN

**INSTALLATION INSTRUCTIONS**  
CONTINUED

YOUR FILTER CONTAINS FLOATING MEDIA. OPEN THE BOXES AND BAGS OF MEDIA.

EMPTY ENTIRE CONTENTS OF BEADS INTO FILTER.

POSITION TOP OF FILTER IN PLACE AND PUSH DOWN FIRMLY. YOU ARE NOW READY TO PLACE THE BAND IN PLACE AND TIGHTEN THE KNOB UNTIL IT SEATS FIRMLY IN PLACE.

SCREW PRESSURE GAUGE INTO PLACE.



**INSTALLATION INSTRUCTIONS**  
CONTINUED

ATTACH THE BACKWASH VALVE TO THE TANK BY HAND TIGHTENING ONLY. MAKE SURE O-RINGS ARE PROPERLY SEATED.

MAKE PIPE CONNECTIONS ACCORDING TO ARROWS AT LEFT. SHOWN ARE THE PUSH-PULL VALVE AND MULTI-PORT VALVE.

THIS CONCLUDES THE INSTALLATION.

METAL LOCKING PIN, USED FOR LOCKING INTO POSITION FOR REGULAR RUN AND BACKWASH.

**NOTE: BACKWASH VALVE MAY BE SLIGHTLY DIFFERENT THAN SHOWN**

TO POND

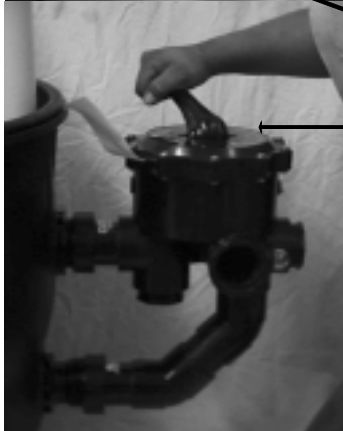
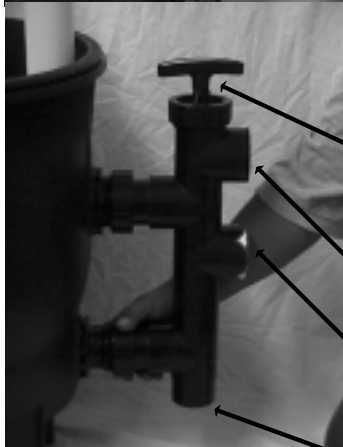
FLOW FROM PUMP

WASTE

INLET AND OUTLET MARKED ON MULTI-PORT VALVE.

**BACKWASHING**

NORMAL BACKWASHING IS EASILY ACCOMPLISHED BY 1. TURN OFF PUMP. 2. MOVE VALVE TO BACKWASH POSITION. 3. TURN PUMP ON AND RUN FOR 1 TO 2 MIN. IF YOUR'E USING A SIGHT GLASS, RUN TILL CLEAR. 4. STOP PUMP AND RETURN THE VALVE TO NORMAL POSITION. 5. RE-START PUMP. NOTICE: THERE IS A METAL PIN THAT LOCKS THE HANDLE IN PLACE. IT SHOULD BE LOCKED IN PLACE TO PREVENT ACCIDENTAL DRAINING OF THE POND. THIS IS ACCOMPLISHED BY TWISTING TO UNLOCK, THEN MOVE THE HANDLE TO DESIRED POSITION THEN TWIST AND LOCK INTO POSITION.

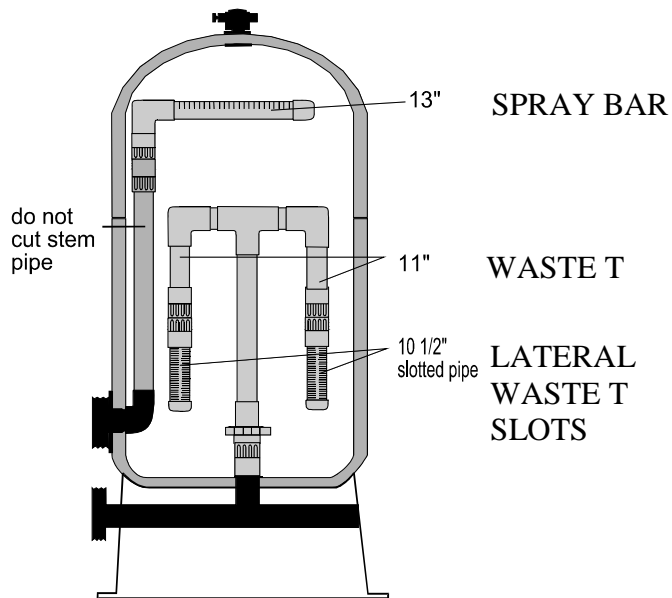


## REGULAR MAINTENANCE

ALL FILTERS NEED REGULAR SERVICE AND YOURS WAS DESIGNED TO MAKE THIS JOB AS EASY AND SIMPLE AS POSSIBLE. SEASONAL PREVENTIVE MAINTENANCE IS RECOMMENDED. 1. OPEN TANK AND REMOVE FLOATING BEADS { EASILY DONE WITH A WET VAC } INSPECT SLOTS ON "WASTE T" MAKING SURE THAT THE SLOTS ARE NOT PLUGGED. CLEAN IF NECESSARY. AFTER RE-ATTACHING "WASTE T", RINSE BEADS IN POND WATER AND RETURN TO FILTER { USE HANDS, WET VAC OR FINE MESH TROPICAL FISH TYPE NET }.

### HYDRABEAD 60

NOTE: FILTER MAY BE SLIGHTLY DIFFERENT THAN SHOWN



### LATERAL LINE CLEAN-OUT

IT'S RECOMMENDED THAT REGULAR SERVICE BE DONE ON THE LATERAL LINES. THIS IS VERY EASILY DONE USING A BABY BOTTLE CLEANING BRUSH TO CLEAN OUT THE LATERAL LINES. UNSCREW THE LATERALS AND SIMPLY TWIST THE BRUSH WHILE MOVING THE BRUSH IN AND OUT.



### VALVE LUBRICATION

EVERY SIX MONTHS REMOVE VALVE STEM BY REMOVING HOLDING NUTS AND PULLING VALVE UP AND OUT OF CASING. APPLY SILICON TYPE LUBRICANT TO RUBBER-RINGS AND REPLACE.

### **TROUBLE SHOOTING**

PROBLEM: DIRTY WATER ENTERS THE POND AFTER BACKWASHING.

SOLUTION: PLUGGED 'WASTE T' SLOTS, NOT ALLOWING FILTER TO RID ITSELF OF DIRTY WATER AFTER BACKWASHING, CLEAN SLOTS.

PROBLEM: FLOW HAS SLOWED DOWN.

SOLUTION 1. BACKWASH.

SOLUTION 2. LATERAL LINES NEED CLEANING . CLEAN SLOTS WITH BOTTLE BRUSH.

PROBLEM: VALVE HARD TO MOVE.

SOLUTION: LUBRICATE VALVE WITH SILICON TYPE GREASE.

PROBLEM: VERY LITTLE DIRTY WATER IS SEEN DURING BACKWASH.

SOLUTION 1: VERY LITTLE ORGANIC LOAD ENTERING FILTER AND THUS MINIMAL SOLIDS TO BACKWASH OUT.

SOLUTION 2: WHEN ALLOWED TO GO LONG PERIODS WITHOUT BACKWASHING "CAKING" OF THE UPPER BEADS CAN OCCUR. WHEN "CAKING" OCCURS A ROCKING OF THE "BEAD CAKE" CAN BE DONE BY TURNING PUMP OFF, MOVE VALVE TO BACKWASH AND OPEN AIR RELEASE VALVE AT TOP OF FILTER ALLOWING THE "BEAD CAKE" TO LOWER IN THE FILTER, MOVE VALVE TO REGULAR RUN AND CLOSE AIR RELEASE VALVE, RESTART PUMP FOR A FEW SECONDS TILL FILTER REFILLS WITH WATER, STOP PUMP AND REPEAT THIS PROCESS A FEW TIMES TILL BEADS ARE ONCE AGAIN AGITATING FREELY ON BACKWASH.

PROBLEM: WATER USED TO BE "POLISHED", NOW IT IS CLOUDY WITH PARTICULATE.

SOLUTION: UPPER BEADS ARE CHANNELING DUE TO "CAKING". SEE UPPER SUGGESTION.

***THANK YOU FOR CHOOSING THE HYDRABEAD FILTER.***

FOR TECHNICAL SUPPORT, PLEASE CALL  
1-405-843-9060

MANUFACTURED BY

***FLUIDART  
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