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AQUARIUM RO AND RO/DI SYSTEMS

INSTALLATION INSTRUCTIONS

<u>FOR MODELS</u> WRU RO BBONES	REVERSE OSMOSIS
WRU 3RO	REVERSE OSMOSIS
WRU 3RO PLUS	REVERSE OSMOSIS
AQUAMAXX 3RO	REVERSE OSMOSIS
WRU 4RO/DI	REVERSE OSMOSIS/DEIONIZATION
WRU 4RO/DI PLUS	REVERSE OSMOSIS/DEIONIZATION
MAXX DELUXE 4RO/DI	REVERSE OSMOSIS/DEIONIZATION

**** WHEN SYSTEM IS FIRST ACTIVATED, THE MEMBRANE FLUSH VALVE FLOW RESTRICTOR (RED HANDLE) SHOULD BE OPENED TO ALLOW A FULL DRAIN FLOW TO FLUSH THE GAC PRE-FILTER. RUN FOR 10 MINUTES WITH THE GAC PRE-FILTER IN A VERTICAL UPFLOW POSITION. THEN, CLOSE THE RED KNOB TO ACTIVATE PURE WATER PRODUCTION.**

EACH MODEL COMES WITH YELLOW TUBING, BLUE TUBING AND ORANGE TUBING.

- 1) YELLOW TUBING CONTROLS WATER FROM THE WATER SUPPLY SOURCE THROUGH THE WATER PREFILTERING PORTION OF THE SYSTEM AND ENDS AT THE BEGINNING OF THE MEMBRANE HOUSING.

THE SYSTEM HAS A **HOSE BIB QUICK CONNECT ATTACHED** TO THE BEGINNING OF **THE YELLOW TUBE**. THIS SHOULD BE **SCREWED ONTO A HOSE BIB SUPPLY FAUCET** TO ACCESS WATER FOR THE SYSTEM. THERE ARE MANY OTHER WAYS TO ATTACH THE SYSTEM TO HOUSEHOLD OR PREMISES PLUMBING THAT CAN BE SUPPLIED.

- 2) **BLUE TUBING SIGNIFIES PURE WATER**. THAT IS THE PURE PRODUCT WATER THAT EXITS FROM THE MEMBRANE HOUSING ON ALL REVERSE OSMOSIS MODELS. ON REVERSE OSMOSIS/DEIONIZATION **MODELS WRU 4RO/DI AND 4RO/DI PLUS** THE BLUE TUBE BEGINS WHEN PURE PRODUCT WATER EXITS FROM THE **THIRD CANISTER** CONTAINING THE **DI CARTRIDGE**. THE END OF THIS BLUE TUBE SUPPLIES WATER TO A RESERVOIR FOR STORAGE OR AN AQUARIUM TANK. **PLACE THE BLUE TUBE IN THE RESERVOIR OR TANK**. IF THE SYSTEM IS GOING TO BE PERMANENTLY PLUMBED INTO A RESERVOIR WITH A FLOAT SHUT OFF, THEN IT WILL BE NECESSARY TO BUY AN AUTOMATIC SHUT OFF /CHECK VALVE KIT TO SHUT OFF THE SYSTEM WHEN THE BLUE TUBE IS SHUT OFF BY A FLOAT. OR, THE SYSTEM CAN BE MANUALLY TURNED OFF AT THE HOSE BIB SUPPLY FAUCET. **EXCEPTION ON MODELS AQUAMAXX 3RO AND MAXX DELUXE 4RO/DI. THE AUTO SHUT OFF AND CHECK VALVE ARE STANDARD EQUIPMENT. ALL OTHER MODELS DO NOT INCLUDE THIS KIT.**

3) ORANGE TUBING SIGNIFIES WASTE WATER OR REJECTED

WATER. THE **ORANGE TUBE SHOULD BE PLACED INTO A DRAIN,**
OR CAN BE PLUMBED INTO A DRAIN WITH FITTINGS NOT INCLUDED
WITH THESE MODELS.

THE SYSTEM IS INSTALLED ONCE THE YELLOW TUBE IS ATTACHED TO A
WATER SUPPLY AND THE BLUE TUBE IS PUT IN A RESERVOIR OR TANK
AND THE ORANGE TUBE IS PUT INTO A DRAIN. TURN ON SYSTEM
MANUALLY AND IT WILL BEGIN PRODUCING WATER. CHECK FOR LEAKS.
IT WILL TAKE ABOUT 3 TO 4 USES OF THE SYSTEM TO SATURATE ALL
CARTRIDGES AND THE MEMBRANE AND GAIN FULL PRODUCTION.
BE SURE TO READ THE LIMITATIONS, DESCRIPTION AND MAINTENANCE
MATERIAL, WHICH COMES WITH THE SYSTEM. MANY QUESTIONS WILL
BE ANSWERED BY ONE READING.