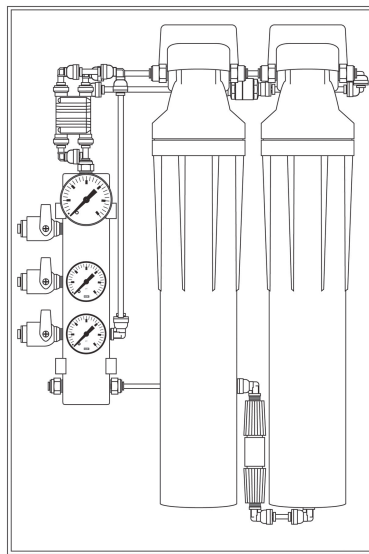




Utility Water Treatment System

Specially Designed to Filter Water Used in Dental
and Medical Instrument Washing Equipment

Installation Guide & Owner's Manual



For Model 4700

This manual MUST be left with the user as it contains maintenance instructions!

Safety Guides & General Information

- Please read this manual completely before attempting installation.
- Please follow all local plumbing codes.
- A licensed plumber may be required for installation of this system in some locations.
- Do not use this system to attempt to make safe drinking water from non-potable water.
- Do not use this system on microbiologically unsafe water, or water of unknown quality without adequate disinfection before or after the system.
- This water treatment system contains filter elements that must be periodically replaced in order to maintain quality water output. Please follow directions in this manual for testing and replacement.
- This system has certain minimum and maximum parameters for input water quality, pressure, temperature, etc. Please read and comply with all the specifications found in this manual.
- Prefiltration and/or softening of the input water quality may be required in certain situations. See specifications.
- This system **MUST** have at least **40 psi (2.8 bar)** input water pressure in order to operate properly. If available pressure is insufficient, a booster pump (optional) must be used on the input water supply line.
- Never install this system in an environment that ever experiences ambient temperatures below 40°F (4°C) or above. Do not expose unit or tubing to direct sunlight.
- This system is designed to treat cold/warm water. **NEVER** introduce hot water or water greater than 100°F (38°C) or damage to the system and filter elements will occur.

How the System Works

The VistaBrite is a highly specialized system that reduces the contaminants found in water that can negatively impact the finish of instruments processed in instrument washers. High TDS (total dissolved solids), high levels of chlorides and elevated hardness can leave spots and damage expensive instruments. Elevated chlorides in water (usually 50 mg/l or more) at high temperatures are particularly damaging causing moderate-to-severe corrosion that actually pits instrument surfaces leaving orange, red and/or brown spots and greatly shortens their useful life. Reduction of these contaminants also greatly reduces spotting and the maintenance required to keep the internal surfaces and working parts of the instrument washer clean.

Water enters the system and is first filtered by the PreFilter to remove small sediment and water treatment chemicals like chlorine. The water then moves through the Hyperfiltration membrane where the TDS is reduced by as much as 95%. The level of contaminant reduction, however, is totally dependent upon the 1) input water pressure, 2) contamination level and, 3) input water temperature. The higher the water pressure, the higher the quality of water and the faster it can make it. The water made by VistaBrite can be used for all cycles or just the rinse portion in an instrument washer.

A proprietary feature of the VistaBrite is the Blending Manifold. The system uses both hot and cold water as inputs to create a warm water product. The hot and cold valves must be adjusted upon installation to achieve the optimum blended water temperature which is 95°F (35°C). The blended inlet water temperature should **NEVER** exceed 100°F (38°C) as system damage can occur. Providing warmed water to the instrument washer will help shorten the overall system cycle time since the heating time is shortened. However, the first instrument washer cycle of the day will take longer than subsequent cycles on the same day since the treated water in the storage tank will have cooled to room temperature over night or over the weekend.

The treated water from a VistaBrite can be plumbed directly into an instrument washer's cold, hot or treated water rinse port. If, however, it is desirable to have the treated water heated beyond the warm water provided, it must be done **AFTER** the VistaBrite and before the instrument washer. A dedicated, tank-type or instant on-demand water heater can be installed as shown in the typical installation drawing found later in this manual.

Performance Specifications

Average TDS Rejection Rate *	90%	
Condition	Minimum	Maximum
Inlet Pressure	40 psi (2.76 bar)	80 psi (5.52 bar)
Inlet Temperature	40°F (4.44°C)	100°F (37.78°C)
Inlet TDS	50 mg/l	2,000 mg/l ^
Inlet Hardness	0 mg/l (0 grains)	171 mg/l (10 grains) #
Inlet Iron	0 mg/l	0.1 mg/l
Inlet Manganese	0 mg/l	0.05 mg/l
Inlet pH	4	10
Inlet Turbidity	0	1 NTU

* Pressure dependent

^ Milligrams per liter (mg/l) is the same as saying Parts per million (ppm)

Water should be softened if above 10 grains per gallon

Location of the System

The VistaBright has been designed to be able to fit in the base cabinet of most sterilization centers. The system is board-mounted and can hang on the inside of a cabinet wall. Or, some may prefer to mount the board on drawer slides so the system can be pulled out for service and filter changes. The slides and additional mounting boards should be obtained locally. The treated water storage tank can stand upright or can be laid on its side using the plastic tank support included with each system.

The VistaBright can also be placed in an equipment room or other remote location as needed. The line running from the storage tank to the instrument washer can be run as far as is necessary within reason. Just remember that every foot of tubing will cause a slight reduction in water pressure and flow. Additional tubing can be purchased. See your dealer or local hardware supplier for a good quality LLDPE or similar 3/8" O.D. tubing.

Water Supply

VistaBrite is designed to use both potable COLD and potable HOT water supply – NEVER allow blended input water above 100°F (37.78°C) to reach the filter elements. Keep the feed water points as close to the system manifold as possible to avoid pressure losses. Remember, the higher the inlet water pressure, the higher the quality of water will be and the faster the VistaBrite will make it. If the supply water is excessively hard (over 10 grains per gallon) or has elevated levels of iron and/or manganese, installation of a water softener or suitable filter is highly suggested.

Drain Line

VistaBrite requires an unrestricted line to a drain so that the contaminants removed from the water can be washed away from the hyperfiltration membrane. A floor drain, laundry tub, standpipe, etc. are all permissible if a physical airgap is provided. Codes on drain connections vary greatly but the typical discharge point for drains in a plumbing system are usually to the tailpiece area between the sink drain and trap. The VistaBrite includes a fitting called a "drain saddle" which is especially helpful in tight spots. It simply aligns and clamps over a small, drilled hole in the 1-1/2" drain pipe between the sink drain and the trap. It has a quick push-to-connect fitting for the 1/4" drain tubing. Check local codes to see if this type of device is permitted. If a full air gap type connection is required, check for such an approved device at a local home center or hardware store in your area.

Connecting to the Instrument Washer

The treated water from a VistaBrite can be plumbed directly into an instrument washer's cold, hot or treated water rinse port. The system includes a supply of 3/8" O.D. LLDPE natural tubing that runs from the storage tank to the instrument washer. A special 3/8" tube x 3/4" female garden hose adapter is included. Also included is a 3/4" MGH x 3/4" MGH adapter and a valved garden hose wye. In normal situations, simply connect the hot and cold instrument washer appliance hoses to the two, valved extensions on the wye then connect the other end to the storage tank supply line. See the illustration later in this manual.

If the instrument washer only has one inlet (or has a treated rinse water inlet), simply connect the 3/8" O.D. line coming from the treated water storage tank to the appropriate inlet fitting on the instrument washer. The special 3/8" tube x 3/4" garden hose adapter is included for making these connections. **Warning:** The adapter is made of non-corrosive plastic and should never be over-tightened. Avoid using tools that can break the adapter

System Performance

The VistaBrite is designed to remove the vast majority of TDS, chlorides, etc. that negatively impact instrument wash water and instruments. For example, if the municipal water for a particular application has a total dissolved solids (TDS) reading of 250 ppm (mg/l), a typical "treated" water reading should be about 25 ppm – about 10% of the inlet reading or a removal rate of about 90%. If the chlorides (which cause tremendous corrosion problems in instrument washers above 50 ppm) in a particular water system are, say, 110 ppm, the VistaBrite should reduce them to about 11 ppm assuming suitable water pressure is available. An 80% - 90% reduction of TDS and general contaminants should produce great results and clean instruments. However, remember that inlet water pressure is the greatest factor on performance of the VistaBrite.

If the treated VistaBrite water is to be heated before it enters the instrument washer, a heater can be added in the treated water line between the VistaBrite storage tank and the washer. This must be a dedicated hot water tank for this system only. Make certain to follow local plumbing codes and provide at least three (3') feet of rubber or steel braided washing machine hose between the heater and the VistaBrite. A small tank-type water heater or an "instant" or "tankless" type water heater can be used. Check the instrument washer specifications for setting the temperature on hot water pre-heaters. Check the water heater specifications for flow switch requirements, etc.

WARNING: If the particular instrument washer being installed "requires" completely "deionized" (D/I) water, know that VistaBrite does not produce this type of water. A deionized water has had all TDS removed from the water and can be highly corrosive but can be suitable for rinsing instruments in certain environments. If an instrument washer calls for "purified" or "reverse osmosis-quality" (R/O) water, VistaBrite is compatible.

WARNING: Regardless of the quality of water used, instruments can become stained and pitted if they are of poor quality, old, damaged or contain iron (carbide) edges, are made of aluminum or mixed metals, are chrome plated, etc. Damaged instruments can actually leach out metals that deposit on other instruments causing staining. Be certain to never mix instruments that are incompatible. Please check with the manufacturers of the instrument washer and instruments for their recommendations on what instruments can and cannot be used in an instrument washer. VistaBrite will provide excellent quality water by removing the vast majority of contaminants. However, even great quality water will not prevent corrosion, staining and spotting where incompatible instruments have been mixed together or where improper instrument washer methods have been used.

Installation

These steps are for “standard” installations (Typical Installation A) shown in the illustrations later in this manual. Simply modify appropriately for other installations as needed.

IMPORTANT: Make certain to read this entire manual, review all the drawings and inspect all system components and supplies before proceeding with installing VistaBrite. If you are not familiar with general plumbing procedures and codes, please consult a licensed plumber. These instructions do not detail every single step since we cannot know exactly what is required for every installation.

Pre-Installation – Determine the exact location for the installation of the VistaBrite and **make certain that there is sufficient water pressure** provided from the hot and cold water supply connections. If there is less than 40 psi (2.76 bar), a booster pump will be required. A simple pressure test device can be made using a pressure gauge and garden hose wye available from your local home center store. Simply attach the assembly to the drain of a water heater or garden hose fitting. The VistaBrite does not require tools for most installation steps. For example, filter sumps should be hand-tightened only. A tubing cutter should be all that’s required. There may also be need for a drill, drill bits, adjustable wrench, rags, slotted and Phillips tip screwdrivers, etc. for mounting the system and/or making drain connections.

Unpacking – Remove all parts from the carton and assemble as follows:

1. Carefully remove the three cartons from the overpack carton.
2. Remove VistaBrite system board from the large carton. Remove the stretch wrap and packing materials.
3. Remove the tank and tank stand from its carton.
4. Remove the tubing and accessories from the large flat carton.
5. Inspect all items for damage. If damage is found, please contact the carrier who delivered the system.

Mounting the System Board – Please refer to the illustrations found in this manual.

The VistaBrite is conveniently mounted on a 16” W x 22” H board to aid with installation. Technically, it can be oriented in any direction during use. However, it must be vertical for filter changes. Therefore, it’s always best to orient the system vertically. ***It’s important to mount the system so that there is at least 2” space below the bottom edge of the board so that filter modules can be easily changed in the future.*** Please see the illustrations found later in this manual for suggestions.

You may wish to mount the system on another board with drawer slides so it can easily be pulled in and out of a cabinet. Or, you may use the included mending strips to create a temporary mounting ... much like hanging a picture. Simply attached the metal strips in the orientation that best suits your application, install a few nails or screws and “hang” the system on the inside of a cabinet. The system can also be flush mounted on a wall in an equipment room as well.

Locating the Treated Water Storage Tank – Please refer to the illustrations found in this manual.

The treated water storage tank can stand vertically since it has built-in feet. Alternatively, if space requires, the tank may lay on its side. Use the included plastic tank support stand and “cradle” the tank into the desired position. Always position the tank (whether vertically or horizontally) to protect the tank water valve and air valve assemblies. If necessary, the tank may be remoted away from the VistaBrite system board. However, please know that longer distances will require additional tubing and pressure may be negatively affected.

Install Cold Water Supply Adapter – Attach the provided 1/4” tube push-to-connect x 3/4” garden hose adapter to the “cold” inlet supply valve. Attach the BLUE 1/4” O.D. tubing to the adapter. Run the water for at least a minute to make certain the line is cleared of debris and that the cold water is as cold as it will get. Cut the BLUE 1/4” O.D. tubing to the appropriate length to reach the VistaBrite blending manifold and push the other end into the COLD Inlet valve on the manifold.

Install Hot Water Supply Adapter – Attach the provided 1/4” tube push-to-connect x 3/4” garden hose adapter to the “hot” inlet supply valve. Attach the RED 1/4” O.D. tubing to the adapter. Run the water for at least a minute to make certain the line is cleared of debris and that the hot water is as hot as it will get. Cut the RED 1/4” O.D. tubing to the appropriate length to reach the VistaBrite blending manifold and push the other end into the HOT Inlet valve on the manifold.

Install Drain Line Adapter – Attach the drain saddle valve to the drain system. Simply align the semi-circle portion that has the drain line inlet at the selected point on the drain line pipe, mark the location for the hole then drill a 1/4” hole. Clear the hole of debris, align the semi-circle portion of the fitting **exactly** over the hole and attach the back semi-circle using the screws and nuts provided. Push the BLACK 1/4” O.D. tubing into the drain port, cut the tubing to the appropriate length to reach the blending manifold and push the other end into the TO DRAIN fitting on the manifold.

Install Storage Tank Valve and Fittings – Locate the tank valve assembly and firmly attach it to the 1/4” male sput on the top of the tank. **DO NOT OVER TIGHTEN. DO NOT USE TOOLS.** Make certain the valve, cross, test cock valve and 1/4” x 3/8” union adapter are properly assembled as shown in the illustration found in this manual. Make certain all push-to-connect fittings are firmly engaged. Attach the NATURAL 1/4” O.D. tubing to the adapter cross as shown in the illustration. Cut the NATURAL 1/4” O.D. tubing to the appropriate length to reach the VistaBrite blending manifold and push the other end into the TO TANK valve on the manifold.

Connect VistaBrite System to Instrument Washer – Attach the 3/8” NATURAL tubing to the 3/8” end of the 1/4” x 3/8” union on the tank. Cut the NATURAL 3/8” O.D. tubing to the appropriate length to reach the instrument washer (or water heater if one is to be used). Attach the 3/8” NATURAL tubing into the 3/8” O.D. push-to-connect by 3/4” garden hose adapter provided. Thread the adapter onto the male x male garden hose adapter and attach to the inlet side of the garden hose wye. Now attach the hot and cold appliance hoses supplied with the instrument washer to the valved ends of the wye.

Testing and Preparation – Follow these steps to test all aspects of the system:

1. Attach a section of spare 1/4” O.D. tubing to the test cock valve on the tank assembly. This will be used to run start-up water to the drain.
2. Turn on the COLD water supply and fully open the COLD inlet valve on the VistaBrite blending manifold.
3. Close the tank valve and open the test cock valve. Secure the end of the tubing running from the test cock to a drain. Allow the system to become fully wetted and discharge air from the system. Allow the product water to run to drain until all air is gone and a solid water stream emerges.
4. Open the HOT supply line fully then slowly open HOT inlet on the blending manifold. Watch the temperature gauge on the manifold and adjust the hot/cold mix until the temperature reaches a steady 95°F (35°C).
5. After the appropriate temperature is reached, close the test cock and open the tank valve on the top of the storage tank. After about 5 minutes, close the tank valve, open the test cock and collect a small sample of water in a cup. Close the test cock and open the tank valve and allow the system to fill the tank with treated water.
6. Using the included hand-held TDS meter, test both the source (city) water and the collected treated water sample. Record the two results in the chart provided in this manual. For example, the city water

may read 200 ppm. In this case, the treated water sample may read approximately 020 ppm. This number will vary depending on the severity of the water quality and the pressure from the source water supply.

Installation of the VistaBrite is now complete and ready for use with your instrument washer. Follow the start-up procedures that follow.

System Start-Up

After the VistaBrite is completely installed, all air is purged from the system and tests are done, the instrument washer can be operated. Please observe the following:

IMPORTANT: After the VistaBrite tank is full, run the instrument washer for TWO full cycles WITHOUT any instruments present. This is to assure all water lines and spray arms are completely voided of old water, air and debris.

IMPORTANT: If treated water from the VistaBrite is directed to a water heater before the instrument washer, make certain that the hot water tank is completely full of water BEFORE sending power to the heating elements. Refer to the water heater and instrument washer manufacturer's instructions for details on temperature settings, cycle settings, connections, flow switches, etc.

System Maintenance General Testing – The water quality from the VistaBrite should be tested at least quarterly to make certain the TDS (total dissolved solids) are being reduced properly. This data is also very important in the event troubleshooting is required.

To test the treated water, close the tank valve and fully open the test cock valve. Allow the water to run for at least TWO full minutes. Collect a water sample and test it using the handheld TDS meter. Record the results in the table provided. Test the cold, untreated water supply after allowing it to run for at least 10 seconds. Record the results in the table provided. Record the results in the table provided. With the test cock valve open, also note the water pressure on the gauge to determine the pressure being sent to the VistaBrite during operation. Record the results in the table provided. Check the temperature gauge on the VistaBrite blending manifold periodically to make certain the temperature settings are correct. Close the test cock valve and open the tank valve to reset the system to full operation.

Filter Changes – Performance of the VistaBrite is completely dependent upon proper filter replacement frequency and the water pressure being sent to the system. The Prefilter should be replaced at least ANNUALLY. If the source water quality is poor, change frequency of the Prefilter should be EVERY SIX MONTHS to insure that sediment and certain chemicals are removed from the water. The Hyperfiltration Element should be changed at least every TWO YEARS or if the percentage TDS reduction drops below 70%. For example, if the inlet water TDS is 300 ppm (mg/l), the Hyperfiltration Element should be changed when the TDS level in the treated water exceeds 90 ppm. This is a general rule and will be dependent upon the inlet water quality TDS, the system water pressure and the volume of water used daily. The higher the TDS level and/or the more water used, the greater the frequency of the Hyperfiltration element changes.

Changing Filter Elements – Whether changing only the Prefilter, Hyperfiltration Element or both of them at once, follow these steps:

NOTE: The VistaBrite features modern and convenient quarter-turn replacement filter modules. Make certain the Prefilter is ALWAYS to the left as you look at the board in its vertical position. The filter elements may be recycled or thrown in regular waste containers.

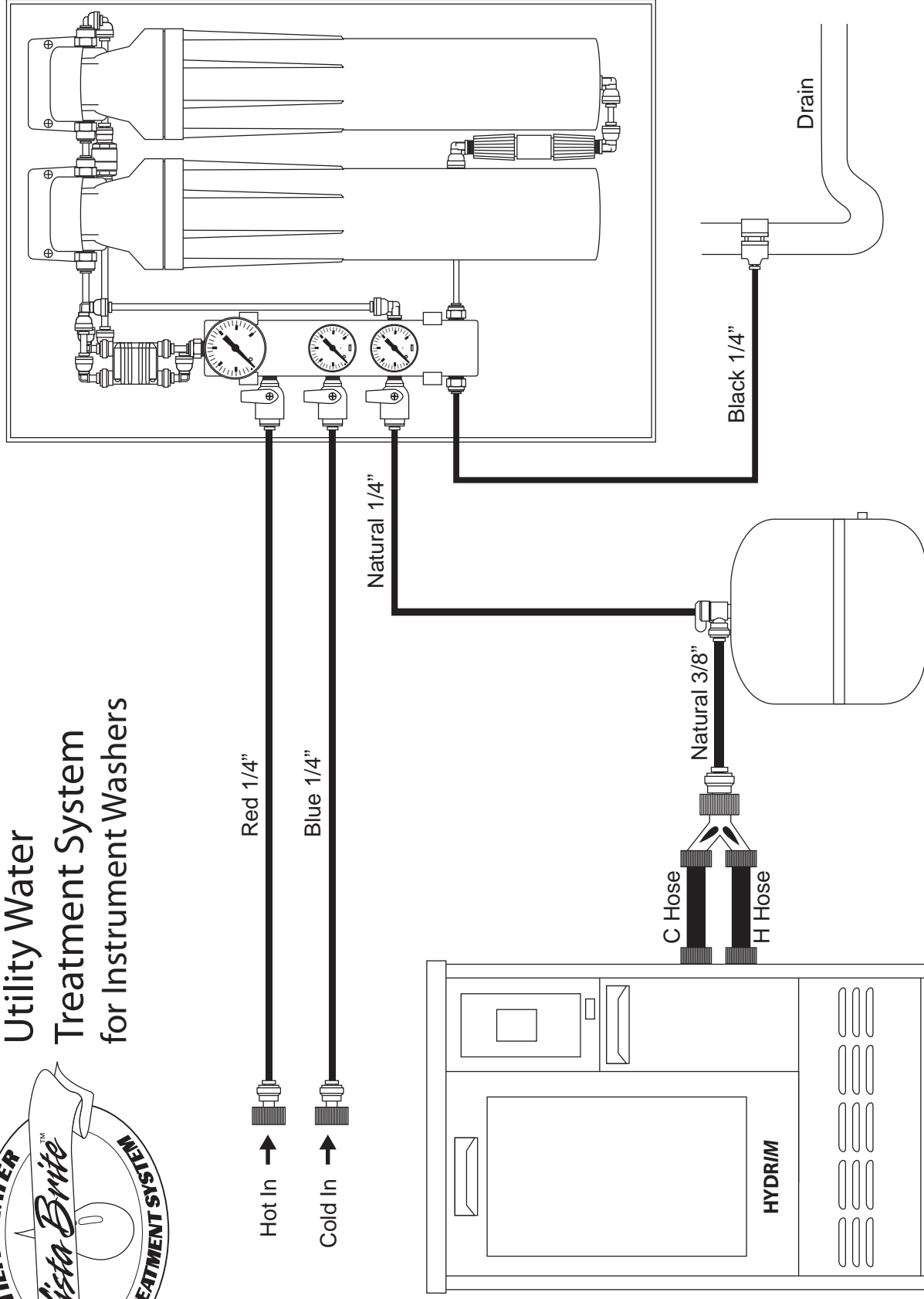
1. Turn off the hot and cold supply valves that feed the VistaBrite system. Leave the actual hot and cold valves on the VistaBrite blending manifold in place to avoid having to recalibrate the temperature.
2. Open the test cock valve to drain to contents of the treated water storage tank and to relieve the pressure from the system.
3. Twist the filter module(s) to be changed to the left until it hits the stop. Pull downward to remove it from the head(s). NOTE: Before removing the Hyperfiltration module, disconnect the white tubing from the male adapter located at the bottom of the module and set it aside. Leave the drain line flow restrictor in position as it will be reconnected.
4. Remove the blue protective cap from the top of the filter module, wet the "O" rings with water or high quality silicon. NEVER use petroleum jelly, Teflon paste or pipe dope! Align the notches of the replacement module with the corresponding notches inside the filter head. Push upward until the module touches the inside top of the head then twist to the right to lock the filter module into the head.
5. If the Hyperfiltration module was changed, wrap several rounds of new Teflon tape onto the male threads of the male adapter elbow and install it into the bottom of the Hyperfiltration module. Push the white drain line tubing into the end of the adapter.
6. With the storage tank valve closed and the test cock valve open, turn the hot and cold supply valves back on and check for leaks. Allow water to fully wet the modules and run to drain until all air is out of the system.
7. When the air is gone, close the test cock and open the tank valve to allow new treated water to fill the tank. Note: This is also a good time to take a sample of the feed and treated waters and record the data in the chart.

The VistaBrite is now ready for use.

IMPORTANT: Run the instrument washer for ONE full cycle WITHOUT any instruments present. This is to assure all water lines and spray arms are completely voided of old water, air and debris.



Utility Water Treatment System for Instrument Washers

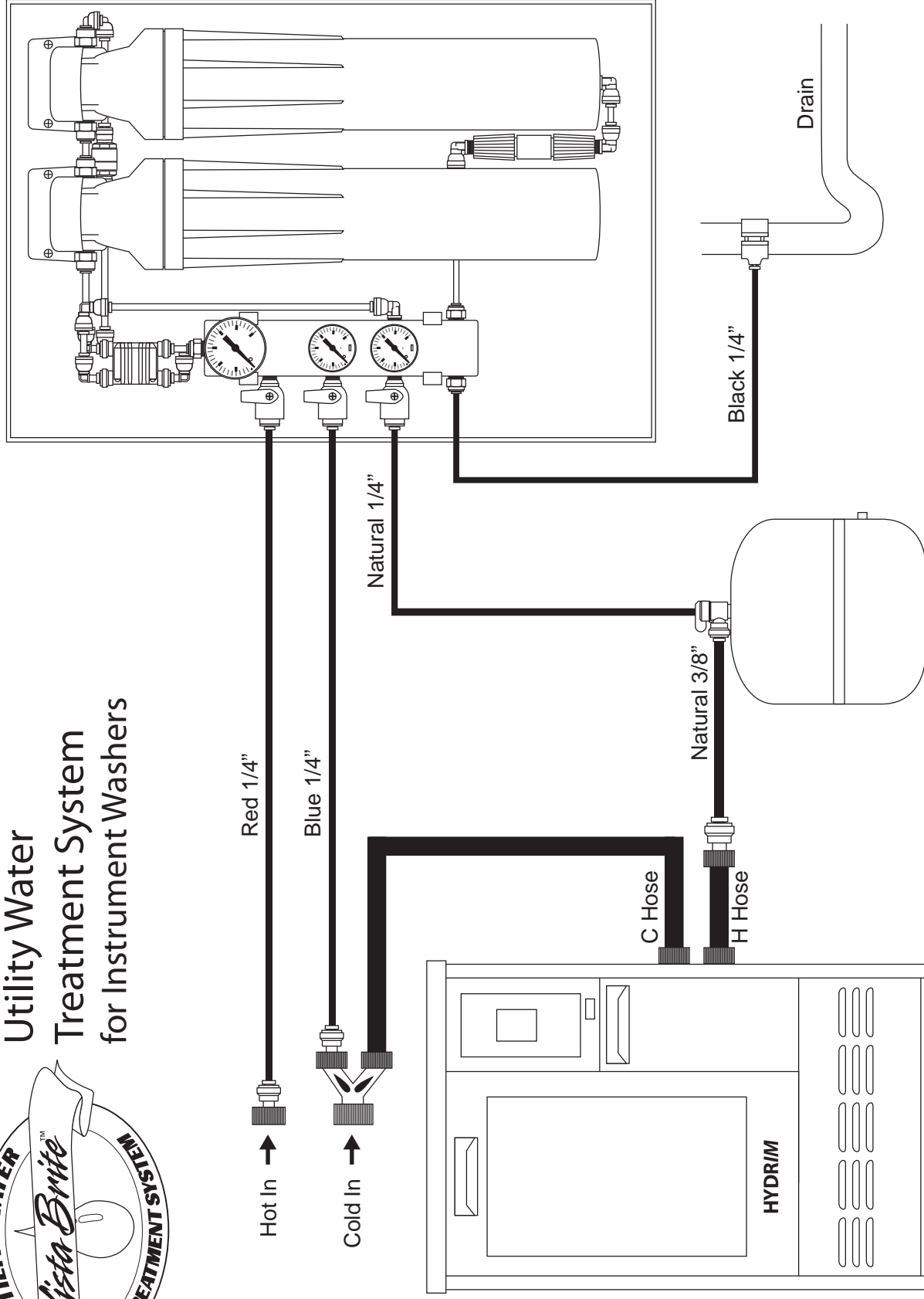


Typical Installation A
For Optimal Inlet Water Pressure
(50-80 psi / 3.4-5.5 bar)

A



Utility Water Treatment System for Instrument Washers

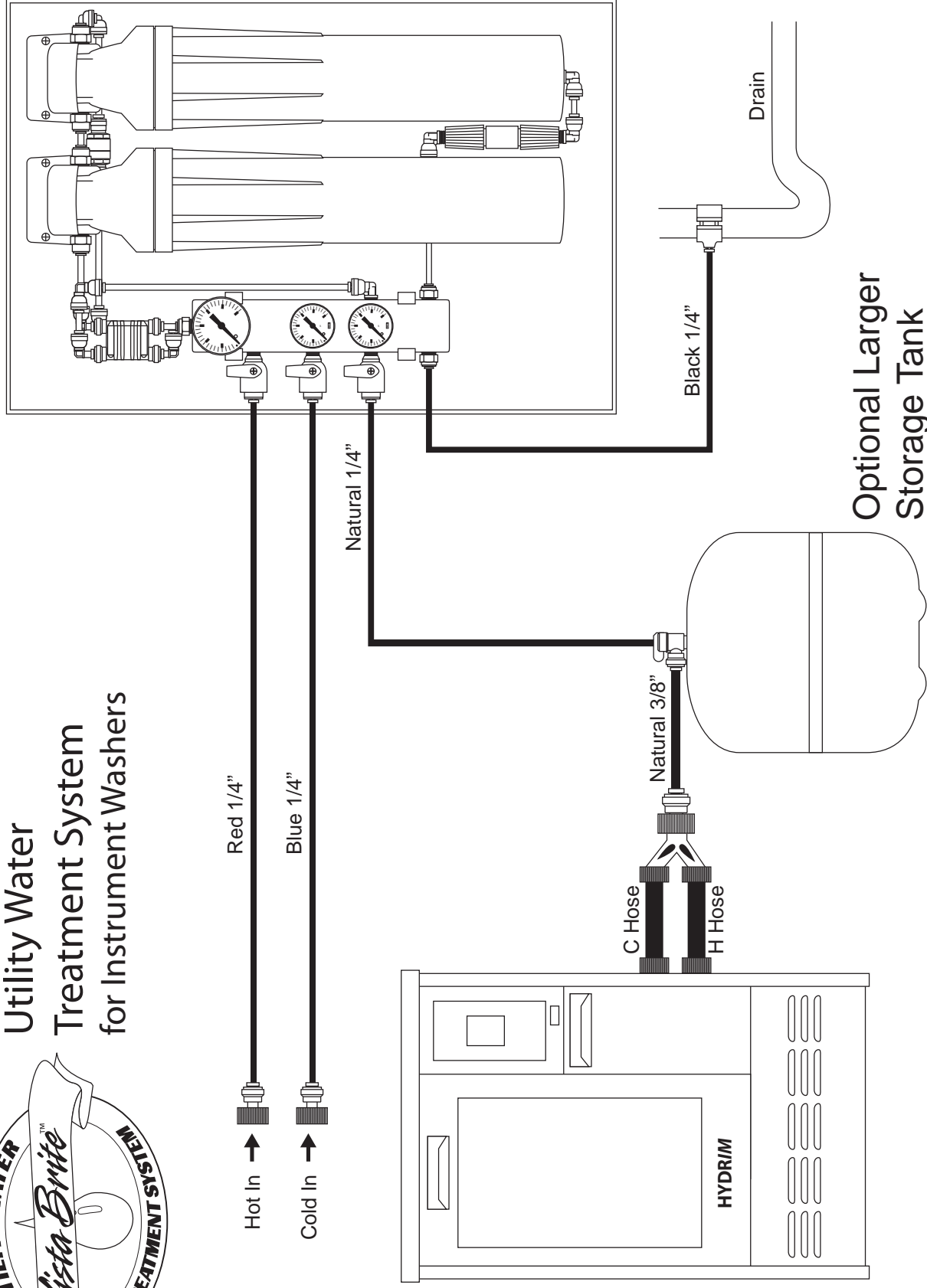


Typical Installation B
For Low Inlet Water Pressure
(40-50 psi / 2.8-3.4 bar)

B



Utility Water Treatment System for Instrument Washers

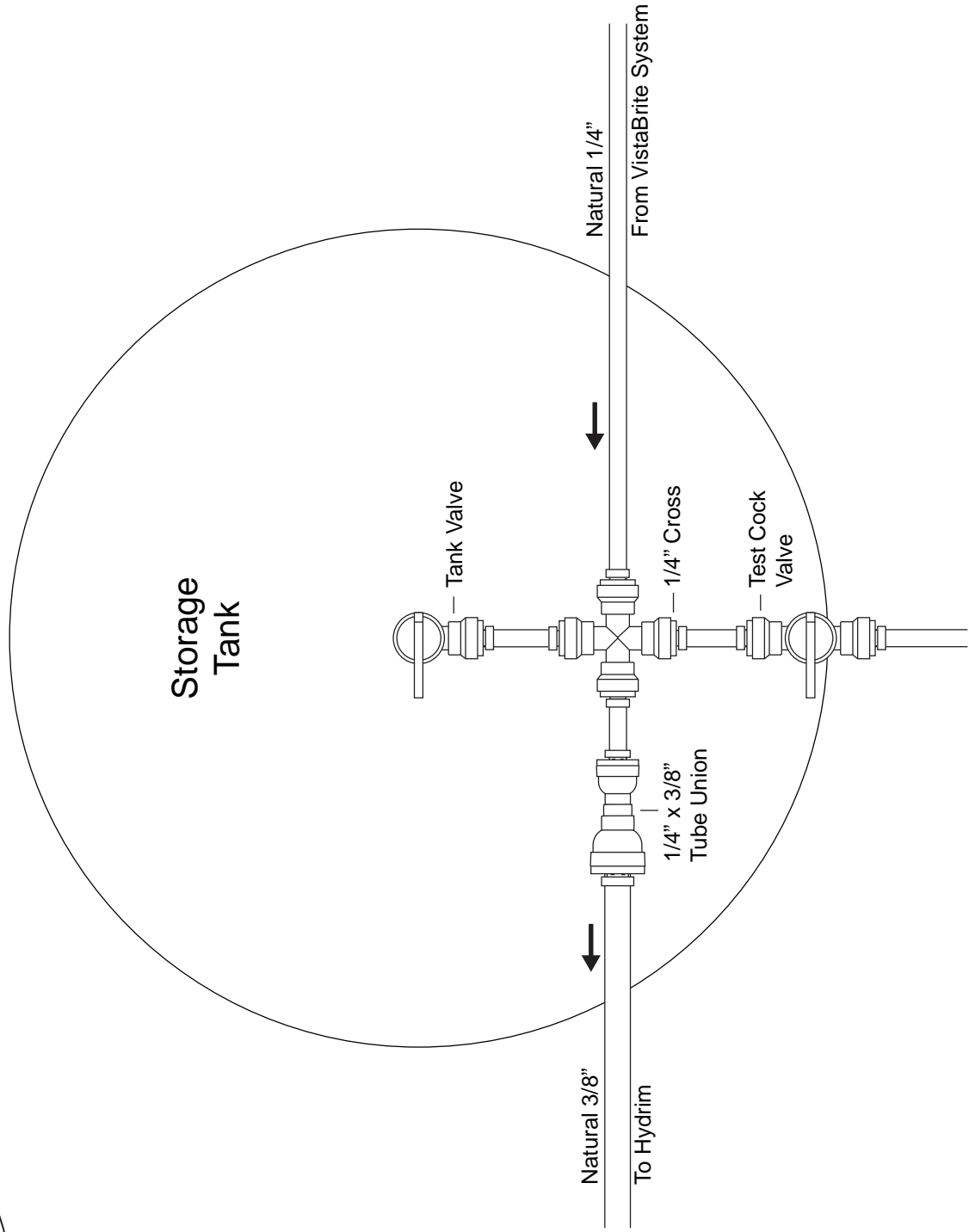


Typical Installation C
For Low Inlet Water Pressure
(40-50 psi / 2.8-3.4 bar)

C



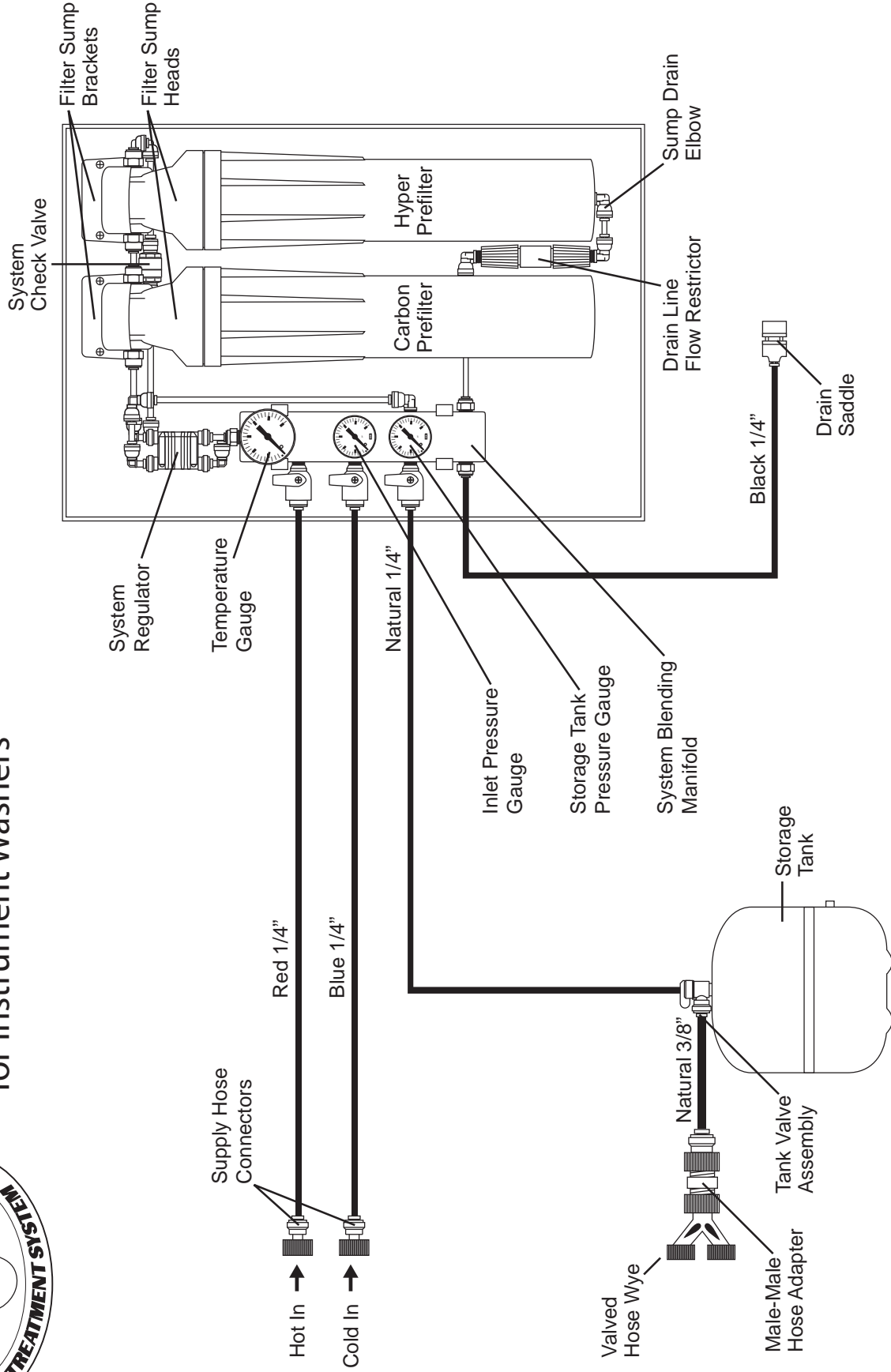
Utility Water Treatment System for Instrument Washers



Storage Tank Tubing & Valve Assembly



Utility Water Treatment System for Instrument Washers



System Components

Filter Performance Record

Date	“A” Water Supply to System (Use handheld TDS meter and test only the Cold water)	“B” After Hyperfiltration (Use handheld TDS meter and test water from the test cock valave at the tank)	“C” Percent TDS Remaining (Divide column B by column A. Take that answer x 100 to get percent)

NOTE 1: Record the TDS level in each column above monthly to determine water quality. **First make a copy of the blank table before recording so you’ll have a blank master for future years.** When the percent remaining in column “C” above goes above 20%, it is time to purchase and change the Hyperfiltration element R4155. This element should last 2-3 years between changes under normal conditions.

NOTE 2: The Prefilter element R4151 should be changed at least once each year.

NOTE 3: Water should be running through the system for accurate results when checking water quality. When testing the output water quality of the VistaBrite, always close the tank shut-off valve and open the test cock. Allow the water to run from the system for at least five (5) full minutes before collecting a sample.

Filter Replacement Record

Date Replaced	R4151 Prefilter	Date Replaced	R4155 Hyperfiltration

NOTE: Record the date of each element change in the table above. **First make a copy of the blank table before recording so you'll have a blank master for future years.**

Date Installed	Purchased From	Installed By

VistaBrite™ Parts & Accessories

Effective: 03/31/09

Revised Since: 03/31/09

Product Description	Order #
VistaBrite™ 4700 Utility Water Treatment System	V4700
Replacement Filters	---
Replacement Carbon Prefilter	R4151
Replacement Hyperfiltration Filter	R4155
Parts & Accessories	---
Pressure Storage Tank w/ stand – 7 Gallon Nominal	S9111
Pressure Storage Tank w/ stand – 14 Gallon Nominal	S9113
Mounting Board – 16” x 22” x 3/4”	B1622W
System Manifold Only	S4310
Temperature Gauge – 1/4" MNPT Back Mount / 0-250 F/C	S6435
Pressure Gauge – Back Mount 1/4” MNPT Back Mount / 0-100 psi (2 required)	S6431
TDS/TEMP Meter – Hand Held w/ Case	S9117
Valve – Straight Male 1/4” MNPT x 1/4” Tube (3 required)	S6145P
Male Adapter Straight – 1/4” NPT x 1/4” Tube (3 required)	S6122P
Male Adapter Elbow – 1/4” NPT x 1/4” Tube	S6120P
Male Adapter Straight – 1/8” NPT x 1/4” Tube	S6121P
Swivel Plug-In Elbow – 1/4” Tube x 1/4” Stem (5 required)	S6112P
Elbow Union – 1/4” Tube x 1/4” Tube	S6110P
Male Adapter Straight – 3/8” NPT x 1/4” Tube	S6123P
Male Adapter Straight – 3/8” NPT x 3/8” Tube (2 required)	S6170P
Male Adapter Elbow – 3/8” NPT x 1/4” Tube	S6171P
Union – 3/8” Tube x 1/4” Tube	S6310P
Cross – 1/4” Tube	S6175P
Valve – In-Line – 1/4” Tube	S6155P
Valve – Tank Elbow Shut-Off 1/4” Tube x 1/4” FNPT	S6160P
Check Valve – In-Line 1/4” Tube	S6265P
Drain Line Flow Restrictor – 1/4” Tube – 1500 ml/min	S9165
Wall Mount “C” Clip – 2.0” (2 required)	S6570
Filter Mounting Bracket (2 required)	S9170
Filter Head (2 required)	S9171
Filter Head Self Tapping Screws (8 required)	S9172
Automatic Shut-Off Valve – Hydraulic	S9130
Drain Saddle – 1/4” Tube	S9175
Garden Hose Adapter – Female Hose x 3/8” Tube	S4230
Garden Hose Adapter – Female Hose x 1/4” Tube (2 required)	S4231
Garden Hose Valved Wye	S9180
Garden Hose Male x Male Adapter	S9181
Tubing – Red – 1/4” O.D. – 12’ Section	TU960
Tubing – Blue – 1/4” O.D. – 12’ Section	TU965
Tubing – Black – 1/4” O.D. – 12’ Section	TU970
Tubing – Natural – 1/4” O.D. – 12’ Section	TU975
Tubing – Natural – 3/8” O.D. – 12’ Section	TU980
Tubing – Black – 3/8” O.D. – 4’ Section	TU985

Vista Research Group, LLC

P.O. Box 321 / Ashland / Ohio / 44805-0321 / USA

419.281.3927 PH

www.VistaResearchGroup.com info@VistaResearchGroup.com

419.281.7380 FX