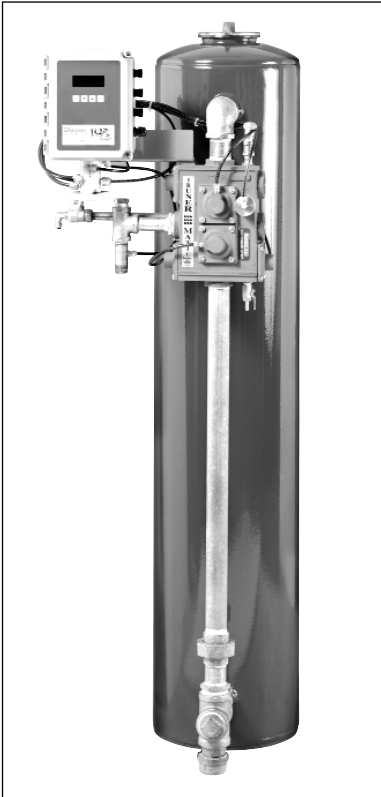




## THE BAQ/JR. HEAVY DUTY COMMERCIAL SOFTENER



Easy to install and service

Constructed of the most durable materials

Includes a long list of standard features for reliable operation

Available in single, parallel and alternating duplex configurations

BAQ/Jr. Series commercial water softeners are the result of over a half-century of experience in the design and manufacture of quality water treatment equipment that meets the exacting demands of commercial water users.

Bruner systems feature unique, engineering innovations such as the Bruner-matic valve and IQS/Jr. programmable electronic controller to provide greater efficiency, more capacity, higher flow rates, higher system reliability, and lower operating costs.

The BAQ/Jr. Series includes water softeners for light and medium Commercial applications. Systems are available in single and duplex softener tank configurations, with capacities to 120,000 grains, and continuous flows to 42 gpm per tank.

### PRODUCT APPLICATIONS

The following facilities are examples of ideal applications for water softening equipment:

- Apartments/Condominiums
- Office Complexes
- Vehicle Washes
- Resorts
- Laundries
- Schools
- Motels/Hotels
- Boiler Feedwater
- Nursing Homes
- Restaurants

All of these facilities can experience reduced energy consumption and costly plumbing repairs as a result of water hardness. The installation of a Bruner water treatment system will quickly begin paying for itself. Water heaters and boilers will last longer. Costly special chemicals for boilers and steam handling equipment can be greatly reduced. The service life of linens, clothing, fixtures and appliances is noticeably extended.

Without exception, every project which employs the distribution, heating and use of water should include a survey of the on-site water conditions. Culligan's professional staff of trained technicians provides and evaluates this survey to make the appropriate recommendation for all types of applications.

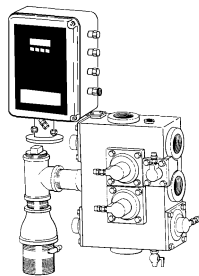
# BAQ/Jr. SOFTENER FEATURES

## Process Controls

BAQ/Jr. Series units incorporate the proven Bruner-matic Valve with the IQS/Jr. electronic controller. The IQS/Jr. controller provides a full complement of control features; it precisely controls system regeneration to maximize system efficiency.

## IQS/Jr. Electronic Controller

- Compact Solid State Microprocessor Controller.
- Sealed push-button face allows easy programming of controller settings.
- Field Programmed Control Options include:
  - Time Clock, Meter, or Hardness Monitor Initiated Regeneration
  - Immediate or Delay Regeneration
  - Single, parallel or duplex alternating configurations
- Vacuum Fluorescent Display shows diagnostic functions that include:
  - Instantaneous flow rate (in GPM or LPM).
  - Gallons/Liters before next regeneration.
  - Number of regenerations in the last 14 days.
  - Last regeneration in days.
  - Motor position, indicates if motor is in home position.
- No external alternator control required.
- Hard water by-pass flow provided during regeneration.
- 120 VAC/24 VAC 50/60Hz UL Listed transformer provided
- NEMA 4X Enclosure



## Bruner-matic Control Center

Exclusive Bruner product, thousands of installations attest to its quiet, smooth performance and dependability.

- Cage Diaphragm Valves have a guided perimeter design. Cycling of the valves is smooth and free of water hammer. Completely reliable shut off without sticking problems. The guides, seats, and diaphragm support are molded of tough Noryl®. There is no contact between dissimilar metals

within the valve, giving the ultimate in corrosion resistance. No special tools are required for access to the interior of the valves. All parts are easily accessible for inspection.

- Features a Flow Controller without moving parts. Operation is completely automatic – no adjustments to make – no field setting required.

## Capaci-trol™ Brine System

- Corrosion Free Polyethylene/PVC/PP construction.
- Salt platform design assures reliable, consistent operation and allows the addition of salt at any time without brine overflow.
- Adjustable salt dosage.
- Generous salt storage capacity – a minimum of 4 regenerations are possible between salt refills.

## General Components

- High quality virgin softening resin.
- Automatic self-adjusting brine injector, engineered for correct brining and rinsing rates with pressure variations in the range of 30 to 100 psi.
- Pressure tank of low carbon steel, electric weld construction, with epoxy interior lining and finish coat painted exterior.
- Full flow non-clogging, fine slot underdrain collector.

## Optional Features

The following options are available for all BAQ/Jr. models. Contact your Culligan dealer for additional information: Skid Mounted, fully prepiped and wired systems for single point field utility connection of inlet, drain and power supply.

## ASME Code Tanks

A variety of Flow Sensors are available for direct connection to the IQS/Jr. Controller for volume based regeneration initiation.

Gauge Packages - pressure gauges provided for mounting at the inlet and outlet connection.

Water Test Kit available to check system performance.

## BAQ/Jr. Single Softener Specification Chart

BAQ/Jr. SOFTENER MODEL	CAPACITY <sup>1</sup>		FLOW RATES				SOFTENER <sup>3</sup> TANK SIZE (In.)	PIPE SIZE	DIMENSIONS <sup>4</sup>			
	Kilgrains / Lb. Salt		Continuous		Peak <sup>2</sup>				Width (In.)		DPTH (In.)	HGT (In.)
	Min.	Max.	GPM	PSI Drop	GPM	PSI Drop			Sngl	Dplx		
60 BAQ/Jr. – 1½	40/12	60/30	22	15	37	25	12 x 54	1½	40	64	22	60
90 BAQ/Jr. – 1½	60/18	90/45	25	15	41	25	14 x 60	1½	42	68	22	66
120 BAQ/Jr. – 1½	80/24	120/60	25	15	44	25	16 x 60	1½	44	72	22	66
120 BAQ/Jr. – 2	80/24	120/60	42	15	70	25	16 x 60	2	44	72	22	66

<sup>1</sup>Capacity is based on treating water with 10 GPG total hardness as CaCO<sub>3</sub> and free of color, oil, turbidity and at 50% of the peak flow rate specified.

<sup>2</sup>Peak flow rates are not recommended for extended periods of time.

<sup>3</sup>Dimensions are diameter by straight side sheet.

<sup>4</sup>Does not include operating and maintenance space.

NOTE: All of the above models are available as duplex systems. Duplex models share a common brine tank.



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## THE IQS/JR. PROGRAMMABLE ELECTRONIC CONTROLLER



- Compact
- Reliable
- Field Programmable
- Easy to Service
- Single or Multi-Tank Operation
- Ideal for Field Retrofits

### REGENERATION CONTROLS

Reliable electronic control of your water treatment equipment is the requirement. The IQS/Jr. is the answer. Housed in a non-metallic NEMA 4X enclosure, the IQS/Jr. will control and monitor water treatment equipment functions for water softeners, filters and dealkalizers.

Combined with the industry proven Bruner-matic multi-port valve or a series of regeneration valves, the IQS/Jr. is designed to ensure efficient and dependable operation.

Each field programmable IQS/Jr. controller features an easy to read digital display for quick programming and monitoring of the water treatment equipment operation. The IQS/Jr. accepts the operator's input through a moisture resistant keypad and provides system status information upon request at any time. A special indicator light will show the operator if the system is in standby or performing a regeneration process.

Installation of the IQS/Jr. is easy. Each IQS/Jr. controller is a modular system, permitting easy addition or elimination of units without major electrical and component changes. The IQS/Jr. is a low voltage device and is supplied with a standard UL listed 24-volt transformer that does not require special wiring permits. The IQS/Jr. is Year 2000 Compliant.

The IQS/Jr. can operate as a stand-alone unit, or be networked in a duplex configuration to provide multiple tank system operation: Duplex configurations can operate in either Parallel or Alternating modes. No external relay boxes are required. Communication is via a low voltage cable linked between the controllers. A motor driven multi-port pilot valve sequences the Regeneration Process. An override feature permits manual operation in the event of power disconnects. The controller will operate the system on either water or air line pressure. Also included is a manual start function, which allows a local plant operator to override the programmed automatic regeneration schedule at any time.

## APPLICATION FEATURES

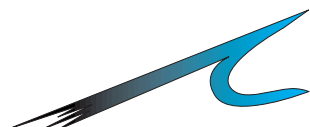
The IQS/Jr. can be used to initiate and regenerate single or duplex tank systems in either parallel or alternating mode configurations.

The duplex-alternating configuration allows for the use of smaller, lower cost systems while ensuring reliable production of high quality water 100% of the operating time. Due to the identical design of each controller and the user programmability features, only simple modifications are required and a system can be expanded to duplex alternating configuration. The IQS/Jr. is specifically designed for use with many types of water treatment equipment such as filters, softeners and dealkalizers.



## Features

- User Programmable
- Regeneration initiation and sequencing steps are processed by one controller
- Vacuum fluorescent alpha-numeric display
- Status display
- Corrosion proof NEMA 4X enclosure
- Standby in Regeneration indicator
- Memory backup EEPROM
- Solid State controls. Year 2000 Compliant
- Display data lock for program protection
- Dry contact input capabilities
- Blocking Relay output control
- Auxiliary Relay output control
- Modes of operation:  
Water Meter controlled by number of preset gallons through the system.  
Time Clock controlled by programmed days and hours.  
Pressure Switch hardness monitor controlled by auxiliary input.
- Forced 3-day regeneration option
- Multiple unit communication input/output
- Dip switch selection options  
Alternate / Parallel operation  
Immediate / Delay regeneration  
12 / 24 hour clock selection
- 50/60 Hertz Autodetect



## Specifications

### Power Requirements

- 120 VAC-Dedicated Duplex Receptacle  
120 VAC/24 VAC 50/60 Hz UL listed transformer provided

### Dimensions

- Width: 8" (with connectors)  
12" (with solenoid)
- Height: 10"
- Depth: 4 1/2"
- Weight: 4 lbs.

### Enclosure

- NEMA 4X - Non Metallic
- UL 50 and 508 Listed

### Environment

- Temperature  
Operating 40° to 120° F  
Storage 40° to 150° F
- Humidity  
Closed cover 100%  
Open Cover 95%

### Flow Sensor Compatibility

IQS/Jr. is compatible with many flow sensors including:

- Signet
- Burkert
- Autotrol

### Available Regeneration Initiation Options

Regeneration Initiation Method	Single Tank Configuration	Multi Tank Parallel Configuration	Duplex Alternating Configuration
Time Clock Day Delayed	✓	✓	✓
Volume (Meter) Delayed	✓	✓	
Volume (Meter) Immediate	✓	✓	✓
External Signal Delayed	✓	✓	
External Signal Immediate	✓	✓	✓

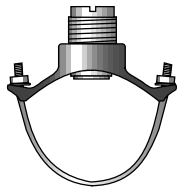


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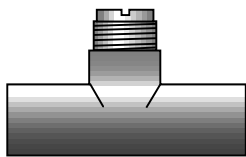
## THE XLF FLOW SENSOR PACKAGE



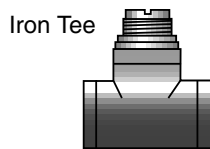
XLF Flow Sensor



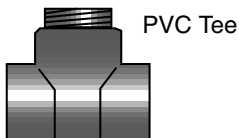
Iron Saddle



Copper/Bronze Tees



Iron Tee



PVC Tee



Bronze Brazolet

For use with IQS Electronic Water Treatment Equipment Controller

### REGENERATION CONTROLS

#### Product Description

The XLF flow sensor package is an input device for the IQS type controller used to measure treated water flow. Flow data then provides one or all of the following functions:

- repeatedly measure and deliver a specified volume of treated water.
- digital instantaneous flow rate.
- digital instantaneous total treated water usage.

Packages are available for use in treated water pipe sizes from 1 inch through 6 inch. A wide variety of installation fittings are available to assure compatibility with many commonly used plumbing materials:

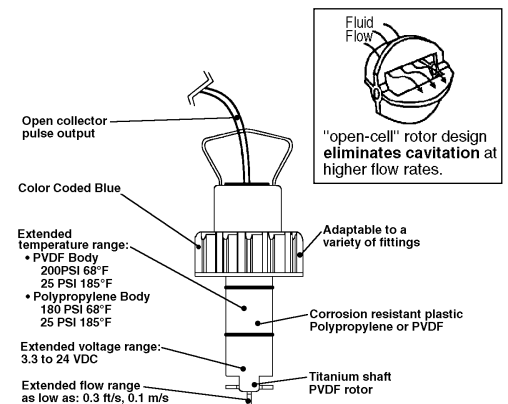
- Threaded galvanized
- Copper sweat
- PVC; CPVC
- Iron
- Steel

The XLF flow sensor package is comprised of:

- One (1) paddlewheel insertion type flow sensor element sized for the specified pipe diameter
- One (1) installation fitting for the specified pipe type and size.

#### How It Works

The solid state paddlewheel flow sensor works on a simple, but precise, electro-mechanical principle. A magnetic rotor positioned in the flow stream spins past a solid state switch which in turn pulses a low voltage DC current proportional to the rate of flow. The rotor design ensures an accurate, repeatable output throughout the sensor's entire operating range with negligible head loss and no cavitation.



#### Features & Benefits

- Flow range; 0.3 ft/s to 20 ft/s
- Low cost.
- Low pressure loss.
- Ease of installation and service.
- Excellent resistance to corrosion and wear
- High accuracy and repeatability.
- Compatible with most types of piping materials – PVC, copper, brass, galvanized iron and steel.
- Wide range of temperature pressure and flow characteristics.
- Low voltage operation.
- Tested to NIST standards (National Institute of Standards and Technology).

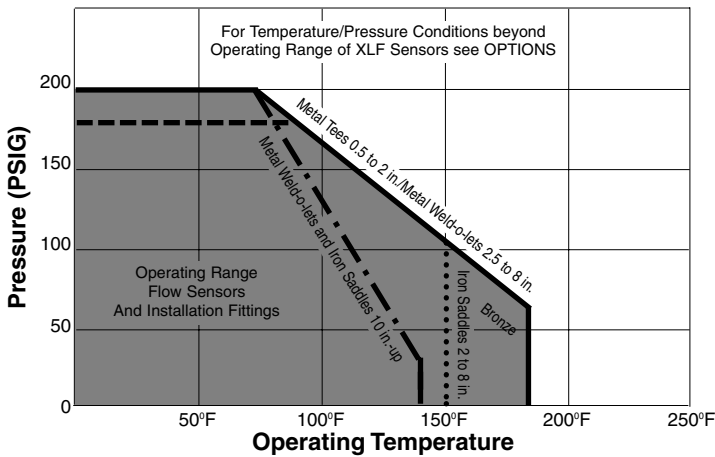
# FLOW SENSOR APPLICATION DATA

## Flow Sensor Selection

To select the flow sensor package that best fits your requirements, consider these application parameters:

1. Determine Installation Fitting Type – fittings are available for a variety of piping materials.
2. Determine Installation Fitting Size – identify the HIGHEST anticipated flow rate which would occur regularly thru EACH tank of a single/multiple tank network. Match this value against those in the MINIMUM and MAXIMUM FLOW column of the Flow Rate Range Table to find the corresponding installation Fitting Pipe Size.
3. Verify Temperature/Pressure Operating Range – the maximum operating pressure for the XLF series flow sensor is dependent on the measured fluid temperature and type of installation fitting. Refer to the Temperature/Pressure Graph for operating range. Refer to OPTIONS paragraph for applications requiring a higher temperature/pressure rating.

Temperature/Pressure Relationship Table



† PRESSURE LOSS FORMULA (S.G.=1.0)

$$\left( \frac{\text{Actual Flow (GPM)}}{C_v \text{ Factor}} \right)^2 = \text{Pressure Loss @ Actual Flow (PSI)}$$

## Options

### Installation Fitting Service Plug:

Allows resumption of flow after depressurization and removal of flow sensor element.

### Wet Tap Assembly:

Provides a safe and fast method of removing a flow sensor element without shutting off flow and pressure. (Maximum Pressure – 100 psig @ 68°F; Maximum Temperature – 140°F @ 25 psig)

### High Temperature/Pressure Applications:

Contact factory for pressures up to 1,500 psig and temperatures up to 300°F for stainless steel flow sensors.

## Flow Rate Range Table

\*\* Threaded Tee Sch 40 Galv. Pipe  
\*\*\* Cast Iron Saddle Sch 40 Pipe

Installation Fitting Pipe Size – (Inches)	C <sub>v</sub> Factor	Flow Rate Range – (GPM)	
		Minimum ▲	Maximum
1 **	39.0	0.7	44.0
1 1/4 **	56.0	1.2	80.0
1 1/2 **	84.0	1.7	110.0
2 **	157.0	2.8	187.0
2 1/2 ***	273.0	4.5	298.0
3 ***	483.0	6.9	460.0
4 ***	977.0	11.9	793.0
5 ***	1750.0	18.7	1247.0
6 ***	2846.0	27.0	1800.0
8 ***	5773.0	47.0	3118.0
10 ***	10,660.0	74.0	4915.0

▲ Choose the Installation Fitting Pipe Size principally on the MINIMUM flow rate that would occur REGULARLY in the treated water stream of each water treatment tank.

DO NOT OVERSIZE THE INSTALLATION FITTING!

■ C<sub>v</sub> = flow rate (GPM) @ 1.0 psi head loss; 60°F water temperature.

(includes worst case requirement of 50 pipe diameters before and 5 pipe diameters) following the flow sensor location assuring minimum flow turbulence.

### Specifications

Pressure Loss @ maximum rated flow: Less than 3.5 psig. See formula †

\* includes head loss of required straight length of pipe both before and after flow sensor location. (maximum requirement –55 diameters)

C<sub>v</sub> Factor: ■ See Flow Range Table

Flow Rate Range: 0.3 thru 20 feet per second fluid velocity

Output Linearity: ± 1% of maximum range

Accuracy: ± 1% of maximum range

Repeatability: ± 0.5% of full range

Wetted Materials: Polypropylene, Viton, Titanium, PVDF

\*Maximum Temperature: 185°F @ 25 psig

\*Maximum Pressure: 180 psig @ 68°F

### Installation Requirements:

\*Maximum wire length between sensor and IQS/3 Controller 200 ft. –contact factory for greater distance requirements

\*Number of pipe diameters required 15 minimum/ 55 maximum

adjacent to flow sensor location dependent on source of upstream turbulence:

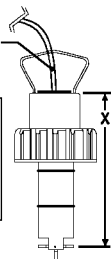
Electrical Output: Open Collector, transistor, sinking  
\*Requires DC Current from IQS/3; +5VDC @ 10 ma.

Environmental:  
Ambient temperature: -4°F to 122°F  
Relative Humidity: 0% to 100% Non-condensing

### Dimensions:

Standard 25 ft./7.6 m cable included

X:
1/2" thru 4" = 3.50"
5" thru 8" = 5.00"
10" up = 7.75"



\*Refer to table for temperature/pressure/ installation fitting relationships.



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LIMITED COMMERCIAL WARRANTY

This limited warranty applies to water softeners, water filters, reverse osmosis water treatment systems, dealkalizers, degasifiers, demineralizers, Brunermatic control centers, water meters, water meter packages, flow sensor packages, IQS/3 packages and Saltmaster packages (excluding in all cases reverse osmosis membranes, prefilter and postfilter elements) manufactured and/or supplied by Bruner and purchased for commercial purposes. Such softeners, filters, systems, dealkalizers, degasifiers, demineralizers, control centers, water meters and packages are referred to collectively as "Equipment".

A. Limited Warranty. Bruner warrants to the original commercial purchaser of Equipment that Equipment shall be free from defects in materials and workmanship for a period of 12 months from the first date of operation or 18 months from the date of purchase, whichever period is shorter. If within such period any such Equipment shall be proved to Bruner's satisfaction to be defective, Bruner shall, at its option, repair or replace any such Equipment, or refund the purchase price. Such credit, repair or replacement shall be Bruner's sole obligation and purchaser's exclusive remedy hereunder and shall be conditioned upon Bruner's receipt of notice of any alleged defect within ten days after its discovery and, at Bruner's option, return of such Equipment to Bruner F.O.B. its factory. Bruner may, at its option, inspect Equipment, wherever located, at any reasonable time or times to determine if Equipment is defective.

Bruner's warranty applies only to Equipment which is properly installed, operated and maintained in accordance with Bruner's instructions and operating manuals and under normal conditions and proper supervision, and shall not apply to defects in Equipment or Equipment failure resulting, directly or indirectly, in whole or in part, from modifications to the Equipment or from abrasion, erosion or corrosion. Bruner does not warrant Equipment or components it obtains from a third party and supplies hereunder but Bruner agrees to assign to purchaser any warranty rights in such Equipment or components that Bruner may have from the original manufacturer or third party supplier.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER REPRESENTATIONS, OBLIGATIONS OR WARRANTIES, EXPRESS OR IMPLIED, AND BRUNER EXPRESSLY DISCLAIMS AND EXCLUDES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NEITHER BRUNER NOR ANY OF ITS SUPPLIERS ASSUMES, OR AUTHORIZES ANY PERSON TO ASSUME ON ITS BEHALF, ANY OTHER WARRANTY OR OBLIGATION.

Any specifications or other description of Equipment, whether in writing or made orally by Bruner or its agents, and any samples, models, bulletins, drawings, diagrams, engineering sheets or similar materials used in connection with purchaser's order are for the sole purpose of identifying Equipment and shall not be construed as an express warranty. Any suggestions by Bruner or its agents regarding use, application or suitability of Equipment shall not be construed as an express warranty unless confirmed to be such in writing by Bruner. Any and all operation manuals, instruments, brochures, warnings or the like concerning Equipment are supplied as an aid to purchaser and are not represented to be accurate, complete and sufficient.

B. Claims. Purchaser must inspect Equipment immediately upon arrival and immediately file with the delivering carrier claims for loss or damage during transportation; Bruner must be notified immediately in writing of any such claims. All other claims must be made in writing to Bruner within ten days from receipt of Equipment. Purchaser's failure to give such notice shall constitute a waiver of all such claims by purchaser. Bruner shall not be responsible or liable for any damage due to improper storage or handling prior to installation and start-up. Purchaser must provide Bruner with an opportunity to inspect all Equipment with respect to which a claim is made, either at purchaser's or Bruner's premises. Bruner shall not credit purchaser for any Equipment or parts returned to Bruner or any costs incurred by purchaser for the repair thereof, as the case may be, without Bruner's prior written consent therefor, nor shall Bruner be responsible for any such Equipment or parts.

C. Limitation of Liability. Bruner's liability with respect to breaches of warranty shall be limited as provided in Part A above. With respect to other breaches of contract, Bruner's liability shall in no event exceed the price paid for the part, unit or component of Equipment on which the claim is based. BRUNER SHALL NOT BE SUBJECT TO AND DISCLAIMS: (1) ANY OTHER OBLIGATIONS OR LIABILITIES ARISING OUT OF BREACH OF CONTRACT OR OF WARRANTY, (2) ANY OBLIGATIONS WHATSOEVER ARISING FROM TORT CLAIMS (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR ARISING UNDER OTHER THEORIES OF LAW WITH RESPECT TO EQUIPMENT SOLD OR SERVICES RENDERED BY BRUNER, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATING THERETO, AND (3) ALL CONSEQUENTIAL, INCIDENTAL AND CONTINGENT DAMAGES WHATSOEVER.

Without limiting the generality of the foregoing, Bruner specifically disclaims any liability for penalties (including administrative penalties), special or punitive damages, damages for lost profits or business, revenues or goodwill, loss of use of Equipment or any associated equipment, cost of capital, facilities or services, downtime, shut-down or slowdown costs, spoilage of materials, or for any other types of damage to property or economic loss. All the limitations and disclaimers contained in this paragraph and in the rest of this contract shall apply to claims of purchaser's customers or any third party asserted by purchaser against Bruner for indemnity or contribution, as well as direct claims of purchaser against Bruner.

Purchaser shall indemnify Bruner against any and all losses, liabilities, damages and expenses (including, with limitation, attorneys' fees and other costs of defending any action) which Bruner may incur as a result of any claim by purchaser or other rising out of or in connection with Equipment sold hereunder and based on defects not proven to have been caused solely by Bruner's negligence.

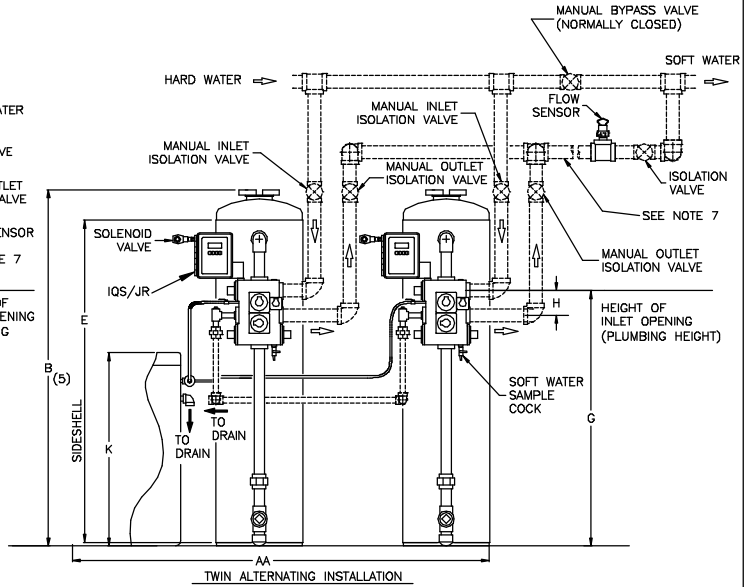
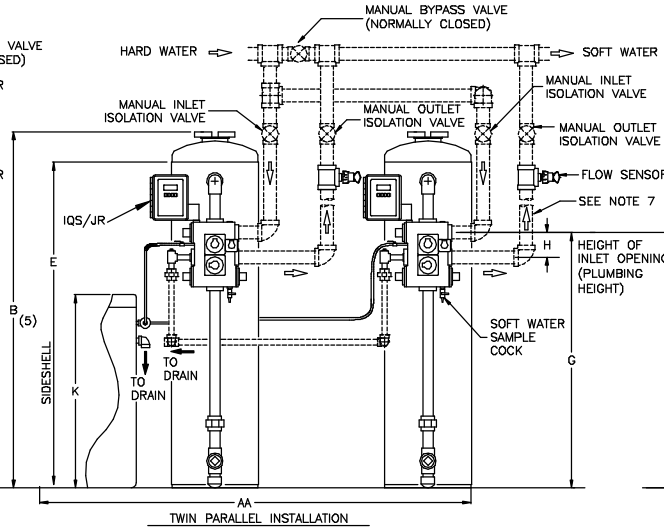
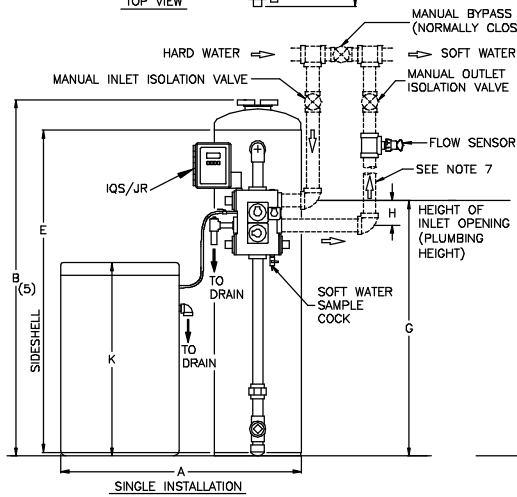
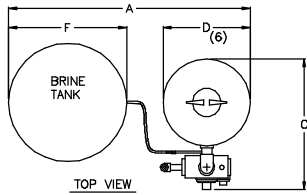
Record the following information so that you have it readily available any time you contact Bruner:

Form with fields for SERIAL NUMBER, MODEL NUMBER, DATE PURCHASED, DATE INSTALLED, INSTALLER, and INSTALLER PHONE #.

NOTES:

- (1) ITEMS SHOWN IN BROKEN LINES TO BE FURNISHED BY OTHERS.
- (2) FOR MAXIMUM PROTECTION OF THE IQS/JR CONTROLLER, IT IS RECOMMENDED THAT A DEDICATED 120 VOLT CIRCUIT IS PROVIDED FOR THE IQS/JR SYSTEM.
- (3) UNIONS SHOULD BE LOCATED ON INLET AND OUTLET CONNECTIONS OF CONTROL VALVE TO FACILITATE SERVICING.
- (4) DO NOT MAKE A DIRECT CONNECTION TO THE DRAIN. PROVIDE AN AIR GAP OF AT LEAST FOUR TIMES THE DIAMETER OF THE DRAIN PIPE TO CONFORM TO SANITATION CODES AND TO PERMIT THE OBSERVATION OF THE DRAIN FLOW.
- (5) ALLOW 24 INCHES ABOVE SOFTENER FOR FILLING.
- (6) INSIDE DIAMETER - ALLOW A MINIMUM OF 1-INCH FOR OUTSIDE CLEARANCE.
- (7) WHEN USING A WATER METER, THERE MUST BE A SET AMOUNT OF STRAIGHT PIPE BEFORE AND AFTER THE SENSOR. REFER TO THE BAQ/JR INSTALLATION INSTRUCTIONS FOR DETAILS.
- (8) ALL DIMENSIONS ARE ± 1 INCH (25mm) AND SUBJECT TO CHANGE WITHOUT NOTICE.

MODEL	DIMENSIONS (INCHES)										INLET/OUTLET PIPE SIZE	MINIMUM DRAIN PIPE SIZE	DRAIN FLOW	SIMPLEX OPER. WT.
	A	AA	B(5)	C	D(6)	E	F	G	H	K				
60 BAQ/JR-1 1/4	46	70	61	20.5	12	54	22	45.5	3 1/4"	36	1 1/4"	3/4"	3.5gpm	1000 lb
90 BAQ/JR-1 1/4	48	74	67	22.5	14	60	22	50.5	3 1/4"	36	1 1/4"	3/4"	5.0gpm	1200 lb
120 BAQ/JR-1 1/4	50	78	67	24.8	16	60	22	50.5	3 1/4"	36	1 1/4"	3/4"	6.5gpm	1300 lb
120 BAQ/JR-2	50	78	67	26.0	16	60	22	50.5	4 5/8"	36	2"	3/4"	6.5gpm	1400 lb



				<b>Culligan®</b> NORTHBROOK, ILLINOIS			
SCALE	00.00	DETAILED BY	KMR	CHECKED BY		APPROVED	
REF. NO.		DATE	2/16/00	DATE		DATE	
LET	CHANGE	BY	APP	DATE			
PRINT & BILL OF MATERIALS ARE NOT TO BE USED WITHOUT THE WRITTEN CONSENT OF CULLIGAN USA				NAME		PART NO.	
DO NOT SCALE FROM DRAWING				BAQ/JR WATER SOFTENER SYSTEM TECHNICAL DATA SHEET		BAQ_JR SHEET 1 OF 1	