International Association of Plumbing and Mechanical Officials

4755 East Philadelphia Street
Ontario, California – USA 91761-2816
Ph: 909.472.4100 | Fax: 909.472.4150
http://www.iapmo.org

February 15, 2018

Jason's Water Systems Mfg. Inc.
627 West Rhapsody
San Antonio, TX 78216

Dear Jason,

Jason's Water Systems water softeners are currently listed by IAPMO Research and Testing as having demonstrated compliance with the Uniform Plumbing Code (UPC) and the International Residential Code (IRC). These certifications can be found on our website – www.iapmort.org in our product listing directory. Also, ASSE International has created an Evaluation Report on these products to evaluate them against the plumbing code requirements. The Evaluate Report provides a simple format that demonstrates compliance with each of the code requirements.

Compliance with a standard referenced in the code covers one aspect, the product also needs to be sized correctly to comply with fixture flow rate requirements. IAPMO R&T tests and evaluates products to determine whether they comply with select standards and codes. If the product complies with both the select standard and the plumbing code, it will have a "listed" certificate and will bear the UPC mark. If the product complies with the select standard but not with the plumbing code, it will have a "classified" certificate and will bear the classified mark. Residential water treatment devices such as water softeners and water filters are referenced in the code to be compliant with the NSF/ANSI 42, 44, 53 and 58 standards. NSF/ANSI 44 or 42 product certification is required in the UPC. However, certification to NSF/ANSI 44 and 42 does not confirm the systems are sized in accordance with the UPC. Undersized or oversized equipment connected to the plumbing system may cause flow restriction issues and performance issues for the equipment.

The UPC requires a water softener to have a ¾ inch connection up to 2 bathrooms and a 1-inch connection up to 4 bathrooms. Appendix A of the UPC provides information to determine the peak demand for the household, and recommends adding the flow rate of regeneration demand (continuous supply demand) to the estimated peak demand from the plumbing fixtures to obtain the total supply demand of the building. Appendix A offers further guidelines for sizing the water piping based on friction loss. Point of Entry water treatment equipment should be sized in accordance with Appendix A flow demand requirements.

Builders, plumbers, and home owners are required to follow plumbing code by the authority have jurisdiction at the state or local level. Codes have been established and maintained for public health and safety. Not complying with code may create liability for the seller and installer.

Your 4000 model has been tested to peak flow rates of 21 gpm and your 5000 model has been tested to 23.5 gpm at a 25-psi pressure drop. These flow rates and pressure drop listings represent some of the highest for water softeners listed with IAPMO R&T at this time.

Sincerely,

Senior Vice President – Water Systems
IAPMO Research and Testing

IAPMO RESEARCH AND TESTING, INC.

5001 E. Philadelphia Street, Ontario, CA 91761-2816 • (909) 472-4100 • Fax (909) 472-4244 • www.iapmort.org

CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

The most updated information on this Certificate of Listing is available online at pld.iapmo.org

Effective Date: April 2017 Void After: April 2018

Product: Residential Cation Exchange Water Softeners File No. W-9201

Issued To: JASON'S WATER SYSTEMS MFG. INC.
627 WEST RHAPSODY
SAN ANTONIO, TX 78216

Characteristics: Residential cation exchange water softeners intended for removal of hardness and the reduction of specific contaminants from drinking water supplies (public or private) considered to be microbiologically safe and of known quality. To be installed in accordance with the manufacturer's installation instructions and the requirements of the latest edition of the Uniform Plumbing Code.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC®)
International Plumbing Code (IPC®)
International Residential Code (IRC®)

Products are in compliance with the following standard(s):

NSF/ANSI 44-2016

Models:

Model No.	Flow Rate (gpm)	Reduction Claims	Efficiency Rated (Yes/No)
4000	21.0	Hardness	No
5000	23.5	Hardness	No