



**Certified by  
International Code  
Council**

Jason's Water Systems MFG, Inc

627 W Rhapsody Dr

San Antonio, TX 78216

Attn: Jason Montgomery

RE: 2009 and 2012 International Residential Code Section P2903.6

Dear Jason,

Thank you for your request for information.

Your questions are:

Q1 – Does the code specify a water supply demand for a home?

A1 – Yes, the Section P2903.6 of the IRC requires use of Tables P2903.6 and P2903.6 (1) to determine the total load (demand) on the water supply.

Q2 – If so, how is the demand determined? Examples are 2, 3, or 4 full bath homes with a clothes washer connection, a kitchen sink, and 2 hose bibs (only one operating at a time).

A2 – The demand is calculated by adding up water supply fixtures units (Table P2903.6(1)) for all the fixtures (or fixture groups) in the home and then converting that total (Table P2903.6(1)) to gallons per minute.

Specific to your examples:

Fixture or Fixture Group	Number of bathrooms		
	2	3	4
Conversion to gallons per minute	16.8	18.5	21.1

From: Maribel Campos <mcampos@icc-es.org>  
To: "jasonswater@yahoo.com" <jasonswater@yahoo.com>  
Date: Monday, May 7, 2012 12:58 PM  
Subject: Code Questions and Concerns

Hello Jason,

As per our conversation this morning, the I-Codes are very specific regarding what products must be installed in residential and commercial applications and what requirements they must meet in order to be in compliance with the codes.

Under Section 303.4 of the 2012 International Plumbing Code (IPC), all plumbing products and materials must be listed by a third-party certification agency as complying with the proper product standard. This section assures that products being installed have been properly tested to some type of performance requirement or standard. For this reason, we recommend code officials verify that products be listed with a third-party agency. **Any product not listed should be removed since that would be in violation of this section of the IPC.**

The IPC under Section 611.1 requires that drinking water treatment units/water softeners be in compliance with either: NSF 42, NSF 44, NSF 53, NSF 62 or CSA B483.1 and the pressure and flow rates to which those treatment units comply with the minimum requirements under Section 604.3. As you have indicated, **WQA currently lists your product in compliance with NSF 42 and 44 which would be the product standards** ICC would use also for verification of compliance with the IPC.

Please let me know if you have any questions to what the code requires of plumbing products and what is needed from manufacturers to fully comply with the IPC and the IRC. Please feel free to contact me by phone at the Whittier Offices of ICC or by email. Thanks.

Sincerely,

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