

**INTERNATIONAL ASSOCIATION OF PLUMBING
AND MECHANICAL OFFICIALS**

IAPMO GUIDE CRITERIA

FOR

**MANUALLY OPERATED WATER SOFTENER
BY-PASS VALVES**

IGC 230-2006

1. PURPOSE

- 1.1** The purpose of this standard is to establish a generally acceptable standard for manually operated water softener by-pass valves. It is intended to serve as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors and users; to promote understanding regarding materials, manufacture, installation, and performance; and to identify manually operated water softener by-pass valves complying with this standard.
- 1.2** The provisions of this standard are not intended to prevent the use of any alternate material or method of construction, provided any such alternate meets the intent and requirements of this document and changes are amended to this standard.

2. SCOPE

- 2.1** This standard applies to manually operated water softener by-pass valves and covers general requirements, strength and performance tests for such products, in addition to method of markings and identification.

3. DEFINITION

- 3.1** **Water softener by-pass valve.** Valve used by water treatment devices that allows water to be directed through the water treatment device or internally through the valve. This valve allows water to be distributed throughout a residence even if the drinking water device is being serviced.

4. REFERENCED STANDARDS

- 4.1** All standards referenced herein shall be the current edition of those standards.

ASME A112.18.1/CSA B125.1
ASME B1.20.1

Plumbing Supply Fittings
Pipe Threads, General Purpose, Inch

Copyright © 2006 by International Association of Plumbing and Mechanical Officials. All rights reserved. Printed in the United States of America. No part of this publication may be reproduced, stored in an electronic retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the publisher.