

## BENEFITS

- Provides the most comprehensive collection of plumbing and mechanical provisions available toward increased water and energy efficiency
- All provisions contained in the Green Supplement are proven safe and reliable
- Provides related installation and maintenance requirements
- Provides commentary detailing the water and energy savings associated with the provisions detailed within its language

IAPMO's involvement in sustainable initiatives predates current trends as the Uniform Codes have long included provisions for water-efficient plumbing products, grey water and reclaimed water systems, solar energy systems and environmentally friendly refrigerants.

The development of the Green Supplement boosts this commitment to another level, serving as an adjunct to the Uniform Codes or any of the plumbing and mechanical codes used in the United States and abroad.



Protecting the public and the planet

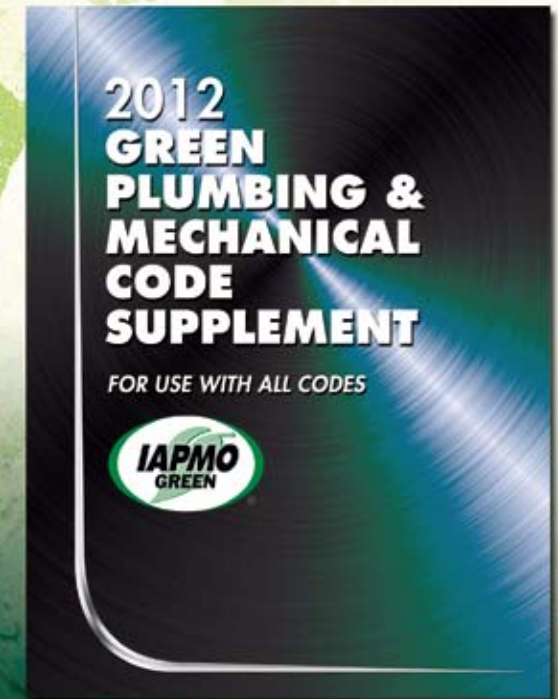
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## Black and White and **GREEN** All Over

*Only one publication spells out the best sustainable plumbing and mechanical building practices in simple, straightforward code language: the **Green Plumbing and Mechanical Code Supplement**.*



SAFE AND  
SUSTAINABLE

## A NEW CODE FOR **PROGRESSIVE TIMES**

The Green Supplement is not a “greener” version of the Uniform Codes, but rather a separate document establishing requirements for green building and water efficiency applicable to plumbing and mechanical systems.

When adopted as an adjunct to existing codes, the Green Supplement:

- Serves as a repository for provisions that ultimately will be integrated into the Uniform Codes. The Green Supplement is a logical transitional home for green requirements until they are fully accepted by industry and ready to be included in the code
- Serves as a resource for progressive jurisdictions that are implementing green building and water efficiency programs
- Provides enforcement aid for existing green ordinances and a model for jurisdictions implementing such ordinances
- Serves as a resource for inspectors, plumbers, contractors, engineers and manufacturers in designing, installing and approving green plumbing and mechanical systems
- Is written in voluntary language and in a format similar to the Uniform Codes
- Maintains IAPMO’s philosophy of a focused industries-specific document to minimize the need for additional codes and standards
- Coordinates and resolves conflicts among other green building and water efficiency program requirements

## WHERE APPLICABLE, **THE GREEN SUPPLEMENT ESTABLISHES:**

- Minimum sustainability provisions, “raising the bar” as with all Uniform Codes
- Health and safety provisions to ensure green practices are safe and reliable
- Minimum performance, design, installation and maintenance requirements



## THE UPDATED **2012 GREEN SUPPLEMENT COVERS:**

### **Plumbing design, fixtures and fixture fittings**

- Reduces the maximum toilet flush volume for non-residential occupancies.
- New consumption limits for kitchen faucets, pre-rinse spray valves, dipper well faucets, and trap primers
- New provisions for rehabilitating piping systems with epoxy lining
- Simplified maximum hot water volume calculations
- Water efficient car washes

### **Alternate Water Source systems**

- New water quality standards for rainwater catchment systems
- New standards for water reuse treatment technologies
- Black water, storm water, and dry weather runoff allowed for toilet and urinal flushing and irrigation

### **Mechanical and HVAC design**

- New duct leakage testing for low pressure systems
- New water efficiency measures for evaporative coolers
- Updates HVAC energy efficiency provisions to the 2010 edition of ASHRAE 90.1.
- New provisions intended to prevent HVAC system oversizing

### **All new requirements for landscape irrigation systems**

- Efficient sprinkler head performance
- Dedicated water meters on most systems
- Required irrigation controls that respond to climate or soil conditions
- System performance requirements to prevent run off and overspray
- Preventing supply line drainage and sprinkler ad performance