

SEATTLE / KING COUNTY PUBLIC HEALTH
Community Environmental Health
Plumbing / Gas Piping Inspections

DECISIONS / INTERPRETATIONS
of the Chief Plumbing Inspector

Date: June 29, 2011

Decision No. 05-002
REVISED

Subject: Multiple Shower Head/Body Spray Shower Drain Sizing

Code / Section: 2009 UPC Table 7-3

Decision. Multiple showerheads and/or body sprays may necessitate increasing the trap and drain size to accommodate the gallons per minute (gpm) flow. The following table provides recommended trap sizing and fixture unit equivalents for the purpose of sizing the drainage system.

Total flow rate through showerheads and body sprays	Minimum Trap Size (inches)	Drainage Fixture Units
Up to 5.7 gpm	2	2
Greater than 5.7 gpm to 12.3 gpm	2	3
Greater than 12.3 gpm to 25.8 gpm	3	6
Greater than 25.8 gpm to 55.6 gpm	4	8

Background.

This sizing information is based in part on Table 709.1 of the *2009 International Plumbing Code*.

Note: See Decision No. 11-001 regarding replacement showers for existing bathtubs.

Effective Date: June 29, 2011



Dave W Cantrell
Chief Plumbing Inspector