

2014 FLORIDA PLUMBING CODE
TABLE 709.1
DRAINAGE FIXTURE UNITS FOR FIXTURES AND GROUPS

Fixture Type	Fixture Unit Load Factor	Number of Fixtures	Load Factor
Automatic clothes washers, commercial a,g	3.00	0.00	0.00
Automatic clothes washers, residential g	2.00	0.00	0.00
Bathroom Group (1.6 gpf water closet) f, h	5.00	0.00	0.00
Bathroom Group (water closet flushing greater than 1.6 gpf) f, h	6.00	0.00	0.00
Bathtub (with or without overhead shower or whirlpool attachments) b	2.00	0.00	0.00
Bidet	1.00	0.00	0.00
Combination Sink and Tray	2.00	0.00	0.00
Dental Lavatory	1.00	0.00	0.00
Dental Unit or Cuspidor	1.00	0.00	0.00
Dishwashing Machine (domestic) c	2.00	0.00	0.00
Drinking Fountain	0.50	0.00	0.00
Emergency Floor Drains	0.00	0.00	0.00
Floor Drains h	2.00	0.00	0.00
Floor Sinks h		0.00	0.00
Kitchen Sink, domestic	2.00	0.00	0.00
Kitchen Sink, domestic with food waste grinder and/or dishwasher	2.00	0.00	0.00
Laundry Tray (1 or 2 compartments)	2.00	0.00	0.00
Lavatory	1.00	0.00	0.00
Shower (based on total flow reate through showerheads and body sprays)	0.00	0.00	0.00
Shower 5.7 gpm or less	2.00	0.00	0.00
Shower greater than 5.7 gpm to 12.3 gpm	3.00	0.00	0.00
Shower greater than 12.3 gpm to 25.8 gpm	5.00	0.00	0.00
Shower greater than 25.8 gpm to 55.6 gpm	6.00	0.00	0.00
Service Sink	2.00	0.00	0.00
Sink	2.00	0.00	0.00
Urinal	4.00	0.00	0.00
Urinal, 1 gallon per flush or less e	2.00	0.00	0.00
Urinal, non water supplied	0.50	0.00	0.00
Wash Sink (circular or multiple) each set of faucets	2.00	0.00	0.00
Water Closet, flushometer tank, public or private e	4.00	0.00	0.00
Water Closet, private (1.6 gpf) e	3.00	0.00	0.00
Water Closet, private (flushing greater than 1.6 gpf) e	4.00	0.00	0.00
Water Closet, public (1.6 gpf) e	4.00	0.00	0.00
Water Closet, public (flushing greater than 1.6 gpf) e	6.00	0.00	0.00

Total Load Factor 0.00

Fixture Units ÷ 20.00 = 0 ERCs

For SI: 1 inch = 25.4 mm, 1 gallon = 3.785 L, gpf = gallon per flushing cycle gpm = gallons per minute

- a. For traps larger than 3", use Table 709.2
- b. A showerhead over a bathtub or whirlpool bathtub attachment does not increase the drainage fixture unit value.
- c. See Sections 709.2 through 709.41 for methods of computing unit value of fixtures not listed in this table or for rating of devices with intermittent flows.
- d. Trap size shall be consistent with the fixture outlet size.
- e. For the purpose of computing loads on building drains and sewers, water closets and urinals shall not be rated at a lower drainage fixture unit unless the lower values are confirmed by testing.
- f. For fixtures added to a bathroom group, add the DFU value of those additional fixtures to the bathroom group fixture count.
- g. See Section 406. for sizing requirements for fixture drain, branch drain, and drainage stack for an automatic clothes washer standpipe.
- h. See Sections 709.4 and 709.4.1

406.2 Waste connection.

The waste from an automatic clothes washer shall discharge through an air break into a standpipe in accordance with Section 802.4 or into a laundry sink. The trap and fixture drain for an automatic clothes washer standpipe shall be not less than 2 inches (51 mm) in diameter. The fixture drain for the standpipe serving an automatic clothes washer shall connect to a 3-inch (76 mm) or larger diameter fixture *branch* or *stack*. Automatic clothes washers that discharge by gravity shall be permitted to drain to a waste receptor or an approved trench drain.

TABLE 709.2 DRAINAGE FIXTURE UNITS FOR FIXTURE DRAINS OR TRAPS

FIXTURE DRAIN OR TRAP SIZE (inches)	DRAINAGE FIXTURE UNIT VALUE
1 ¹ / ₄	1
1 ¹ / ₂	2
2	3
2 ¹ / ₂	4
3	5
4	6

For SI: 1 inch = 25.4 mm.

709.4 Values for indirect waste receptor.

The *drainage fixture unit* load of an indirect waste receptor receiving the discharge of indirectly connected fixtures shall be the sum of the *drainage fixture unit* values of the fixtures that discharge to the receptor, but not less than the *drainage fixture unit* value given for the indirect waste receptor in Table 709.1 or 709.2.

709.4.1 Clear-water waste receptors.

Where waste receptors such as floor drains, floor sinks and hub drains receive only clear-water waste from display cases, refrigerated display cases, ice bins, coolers and freezers, such receptors shall have a *drainage fixture unit* value of one-half.