

4714.0702 FIXTURE UNIT EQUIVALENTS.

UPC section 702, Table 702.1, is amended to read as follows:

TABLE 702.1**Drainage Fixture Unit Values (DFU)**

Plumbing Appliances, Appurtenances, or Fixtures	Minimum Size Trap and Trap Arm ⁶ (inches)	Private	Public	Assembly ⁷
Bathtub or Combination Bath/Shower	1-1/2	2.0	2.0	—
Bidet	1-1/4	1.0	—	—
Bidet	1-1/2	2.0	—	—
Clothes Washer, Domestic, Standpipe ⁵	2	3.0	3.0	3.0
Dental Unit, Cuspidor	1-1/4	—	1.0	1.0
Dishwasher, Domestic, with Independent Drain ²	1-1/2	2.0	2.0	2.0
Drinking Fountain or Water Cooler	1-1/4	0.5	0.5	1.0
Food Waste Grinder, Commercial	2	—	3.0	3.0
Floor Drain, Emergency	2	—	0.0	0.0
Floor Drain (for Additional Sizes see section 702.0)	2	2.0	2.0	2.0
Shower, Single-Head Trap	2	2.0	2.0	2.0
Shower, Multi-Head, Each Additional	2	1.0	1.0	1.0
Lavatory, Single	1-1/4	1.0	1.0	1.0
Lavatory, in Sets of Two or Three	1-1/2	2.0	2.0	2.0
Washfountain	1-1/2	—	2.0	2.0
Washfountain	2	—	3.0	3.0
Mobile Home, Trap	3	12.0	—	—
Receptor, Indirect Waste ^{1,3}	1-1/2		See footnote ^{1,3}	
Receptor, Indirect Waste ^{1,4}	2		See footnote ^{1,4}	
Receptor, Indirect Waste ¹	3		See footnote ¹	

Sinks	–	–	–	–
Bar	1-1/2	1.0	–	–
Bar ²	1-1/2	–	2.0	2.0
Clinical	3	–	6.0	6.0
Commercial With Food Waste ²	1-1/2	–	3.0	3.0
Commercial Pot or Scullery	2	–	4.0	4.0
Special Purpose ²	1-1/2	2.0	3.0	3.0
Special Purpose	2	3.0	4.0	4.0
Special Purpose	3	–	6.0	6.0
Kitchen, Domestic ² (with or without food waste grinder, dishwasher, or both)	1-1/2	2.0	2.0	–
Laundry ² (with or without discharge from a clothes washer)	1-1/2	2.0	2.0	2.0
Service or Mop Basin	2	–	3.0	3.0
Service or Mop Basin	3	–	3.0	3.0
Service, Flushing Rim	3	–	6.0	6.0
Wash, Each Set of Faucets	–	–	2.0	2.0
Urinal, Integral Trap 1.0 GPF ²	2	2.0	2.0	5.0
Urinal, Integral Trap Greater Than 1.0 GPF	2	2.0	2.0	6.0
Urinal, Exposed Trap ²	1-1/2	2.0	2.0	5.0
Water Closet, 1.6 GPF Gravity Tank	3	3.0	4.0	6.0
Water Closet, 1.6 GPF Flushometer Tank	3	3.0	4.0	6.0
Water Closet, 1.6 GPF Flushometer Valve	3	3.0	4.0	6.0
Water Closet, Greater Than 1.6 GPF Gravity Tank ⁶	3	4.0	6.0	8.0
Water Closet, Greater Than 1.6 GPF Flushometer Valve	3	4.0	6.0	8.0

For SI units: 1 inch = 25 mm

Notes:

¹ Indirect waste receptors shall be sized based on the total drainage capacity of the fixtures that drain therein to, in accordance with UPC Table 702.2(b).

² Provide a 2-inch (50 mm) minimum drain.

³ For refrigerators, coffee urns, water stations, and similar low demands.

⁴ For commercial sinks, dishwashers, and similar moderate or heavy demands.

⁵ Buildings having a clothes-washing area with clothes washers in a battery of three or more clothes washers shall be rated at 6-fixture units each for purposes of sizing common horizontal and vertical drainage piping.

⁶ Trap sizes shall not be increased to the point where the fixture discharge is capable of being inadequate to maintain their self-scouring properties.

⁷ Assembly [See Minnesota Rules, chapter 1305, International Building Code].

Statutory Authority: *MS s 326B.43; 326B.435*

History: *40 SR 71*

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