

**Broward County Amendments to Chapter 29,
Subsection 2903 of the 2023 Florida Building Code, Residential, 8th Edition**

- ~~Stricken through text~~ are deletions from the Florida Building Code, Residential, 8th Edition.
- Underscored text are additions to Florida Building Code, Residential, 8th Edition.

**TABLE P2903.2
MAXIMUM FLOW RATES AND CONSUMPTION FOR PLUMBING FIXTURES, AND FIXTURE
FITTINGS ^b AND APPLIANCES**

PLUMBING FIXTURE OR FIXTURE FITTING	MAXIMUM FLOW RATE OR QUANTITY
Lavatory faucet	2.2 <u>1.5</u> gpm at 60 psi
Shower head ^a	<u>2.0</u> 2.2 gpm at 80 psi
Sink faucet	2.2 gpm at 60 psi
Water closet	4.6 <u>1.28</u> gallons per flushing cycle
<u>Dishwasher (Residential)</u>	<u>6.5 gallons per cycle or less (Energy Star/Watersense Certified) (c)</u>
<u>Washing Machine</u>	<u>Water factor or 8 or lower (Energy Star/Watersense Certified) (c)</u>

For SI: 1 gallon per minute = 3.785 L/m.

1 pound per square inch = 6.895 kPA.

- A handheld shower spray is also a shower head.
- Consumption tolerances shall be determined from referenced standards.
- Water factor in gallons per cycle per cubic foot
Exception: All fixtures, fittings and appliances with U.S. Environmental Agency WaterSense® (EPA)
Label

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Section R4501.16 Electrical

Electrical equipment wiring and installation, including the bonding and grounding of pool components, shall comply with Chapter 27 of the Florida Building Code, Building. Outlets supplying pool pump motors connected to single-phase 120-volt through 240-volt branch circuits, whether by receptacle or by direct connection, and outlets supplying other electrical equipment ~~and underwater luminaires operating at voltages greater than the low-voltage contact limit~~, connected to single-phase, 120-volt through 240-volt branch circuits, rated 15 or 20 amperes, whether by receptacle or by direct connection, shall be provided with ground-fault circuit interrupter protection for personnel.

Section R4501.16.1 Maximum Voltage

The maximum voltage for each luminaire in any private swimming or bathing pool shall not exceed the Low Voltage Contact Limit, which is defined as a voltage not exceeding the following values:

- (1) 15 volts (RMS) for sinusoidal alternating current.
- (2) 21.2 volts peak for nonsinusoidal alternating current.
- (3) 30 volts continuous, direct current.
- (4) 12.4 volts peak for direct current that is interrupted at a rate of 10 to 200 Hertz. The maximum incandescent lamp size shall be 300 watts.