



Sheet Number: 4.4

Product Specifications

Miami-Dade Water & Sewer Department
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Plug Valve**Minimum Standards**

- ANSI/AWWA C507, C517, C606
- ANSI/AWWA C111; ANSI B16.1; ASTM A126 Class B, ASTM A536 Grade 65-45-12, ASTM A123, ASTM A153
- MDWASD Specifications: Sections 40 05 58 (15100), 40 05 62 (15125)

Other Requirements

- Non-Lubricated Eccentric Type with Resilient Faced Plugs
- Minimum Working Pressure: 150psi \leq 36" diameter
- All plug valves 8-inches and larger shall be full port – 100% Port Area
- 80% Port Area allowed for valves 6" and smaller only at locations away from Pump Stations
- Manual operators for valves 30-inch and above shall be totally enclosed worm gear operators, permanently lubricated, adjustable travel stops, suitable for buried and submerged operation, and shall be Limitorque type HBC or modified WG with AWWA input shaft stop and gear box, Rotork IW-RL-MD-RAW.

Manufacturer Requirements

- Any valve manufacturer approved for the supply of valves shall have a domestic manufacturing facility in North America, dedicated in part or fully, to valve production.
- Valve castings may be of non-domestic origin for projects not subject to the "Buy America Iron and Steel" Miami-Dade County Ordinance.
- Valve manufacturers for valves larger than 12-inches shall have a factory-employed, field service technician available for startup services.
- Valve operators (8" to 24") shall be designed and manufactured by the valve manufacturer.
- Valves shall be manufactured with rubber designed for the valve operation providing a minimum design life of 40 years.

Applications

- Sewer

PRE-APPROVED MANUFACTURER

- | | |
|------------------|--------------------|
| 1) Dezurik | 4) Kennedy/MH/Clow |
| 2) Mueller/Pratt | 5) VSI Waterworks |
| 3) Val-Metric | |

Issue Date: 4/4/2016**Revised Date: 11/19/2025**

APPROVED PRODUCTS / MODELS

SIZE	MANUFACTURER	MODEL	DOMESTIC MANUFACTURER	SUBMITTED
4" - 48"	Dezurik	PEF 100% Port Eccentric Plug Valves	<input type="checkbox"/>	<input type="checkbox"/>
4" - 30"	Dezurik	PEC Eccentric Plug Valves	<input type="checkbox"/>	<input type="checkbox"/>
4" - 48"	Mueller/Pratt	Pratt Ballcentric Plug Valves Full Port	<input type="checkbox"/>	<input type="checkbox"/>
4" - 30"	Val-Matic	Series 5600 or 5800 Eccentric Plug Valves	<input type="checkbox"/>	<input type="checkbox"/>
4" - 30"	Val-Matic	Series 5700 or 5900 Port (Cam –Centric)	<input type="checkbox"/>	<input type="checkbox"/>
4" - 48"	MH/Kennedy/Clow	MH/Kennedy/Clow Full Port Rectangular Plug Valve	<input type="checkbox"/>	<input type="checkbox"/>
4" - 12"	VSI Waterworks	Eccentric Full Port Plug Valves Series PVII	<input type="checkbox"/>	<input type="checkbox"/>

SIZE FURNISHED:

- | | | |
|------------------------------|------------------------------|--|
| <input type="checkbox"/> 4" | <input type="checkbox"/> 12" | <input type="checkbox"/> 20" |
| <input type="checkbox"/> 6" | <input type="checkbox"/> 14" | <input type="checkbox"/> 24" |
| <input type="checkbox"/> 8" | <input type="checkbox"/> 16" | <input type="checkbox"/> 30" |
| <input type="checkbox"/> 10" | <input type="checkbox"/> 18" | <input type="checkbox"/> 36" or larger |

COMMENTS:

Approved by: David Vazquez, PE

Revision History:

11-2018: Added information for approved operators; modified range of Golden Anderson to 12-inch;

1-22-2019: Received Golden Anderson information approved size to 30-inch;

8-20-2021: Removed Golden Anderson;

5-5-2022: Added VSI Waterworks, Series PVII and PVIF; **(For Pump Stations Use Only)**

6-5-2025: Modified Valve Size for Mueller/Pratt. Modified Company Names

8-26-2025: Removed Size and Location Limitations on VSI Waterworks Plug Valves

11-14-2025: Added manufacturer requirements. Moved Clow to MH/Kennedy/Clow in the manufacturer list. VSI Waterworks products limited to 12-inches or less. Included domestic manufacturer check box for product submission.