

SECTION 15416 - PLUMBING SPECIALTIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following plumbing specialties:
 - 1. Water hammer arresters.
 - 2. Vacuum breakers.

1.3 REFERENCES

- A. ANSI/ASSE 1011 - Hose Connection Vacuum Breakers.
- B. ANSI/ASSE 1013 - Backflow Preventers.
- C. ANSI A112.26.1 - Water Hammer Arresters.
- D. PDI WH-201 Water Hammer Arresters.

1.4 QUALITY ASSURANCE

- A. Manufacturer: For each product specified, provide components by same manufacturer throughout.

1.5 SUBMITTALS

- A. Submit shop drawings and product data under provisions of Section 01300.
- B. Include component sizes, rough-in requirements, service sizes, and finishes.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Water Hammer Arresters: Josam, J.R. Smith, Zurn.
- B. Vacuum Breaker: Josam, J.R. Smith, Zurn.
- C. Items of the same function and performance are acceptable if submitted and approved in conformance with Section 01300.

2.2 WATER HAMMER ARRESTERS

- A. ANSI A112.26.1; sized in accordance with PDI WH-201, precharged suitable for operation in temperature range -100 to 300 degrees F and maximum 250 psig working pressure; equal to Josam Series 1485.

2.3 VACUUM BREAKER

- A. Anti-siphon vacuum breaker shall have an all bronze body and internal trim with full size orifice and plain brass finish; equal to Watts Series 36A.

PART 3 - EXECUTION

3.1 INSTALLATION AND APPLICATION

- A. Install specialties in accordance with manufacturer's instructions to permit intended performance.
- B. Install water hammer arresters where required to prevent water hammer, complete with accessible isolation valve and access panel.

END OF SECTION 15416