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seal mechanisms shall withdraw completely from the path of the waste discharge during flushing operation. Each mechanical seal vacuum water closet shall be equipped with a listed vacuum breaker. The vacuum breaker shall be mounted with the critical level or marking not less than 25mm (1 in.) above the floodlevel rim of the fixture. Vacuum breakers shall be installed on the discharge side of the last control valve in the potable water supply line and shall be located so as to be protected from physical damage and contamination.

724.3 Drainage Fixture Units. Drainage fixture units shall be determined by the manufacturer's installation instructions. The pump discharge load from the collector tanks shall be in accordance with this chapter.

724.4 Water Supply Fixture Units. Water supply fixture units shall be determined by the manufacturer's installation instructions.

724.5 Materials. Materials used for water distribution pipe and fittings shall be in accordance with Table 6-4. Materials used for above ground drainage shall be in accordance with Table 7-1 and shall have a smooth bore, and be constructed of non-porous material.

724.6 Traps and Cleanouts. Traps and cleanouts shall be installed in accordance with Chapters 7 and 10.

724.7 Testing. The entire vacuum waste system shall be subjected to a vacuum test of 74cm (29 in.) of mercury or not less than the working pressure of the system for 30 minutes. The system shall be gas- and water-tight at all points. Verification of test results shall be submitted to the Authority Having Jurisdiction.

724.8 Manufacturer's Installation Instructions. Manufacturer's installation instructions shall be provided for the purpose of providing information regarding safe and proper operating instructions whether or not as part of the condition of listing in order to determine compliance. Such instructions shall be submitted and approved by the Authority Having Jurisdiction.