

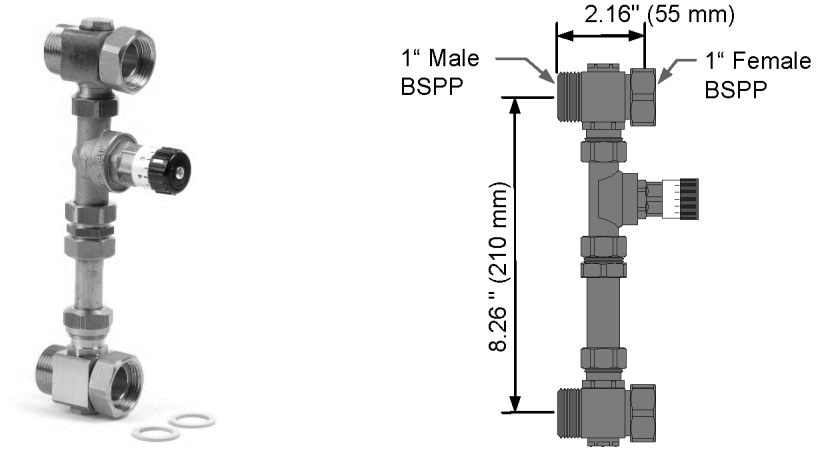
PRODUCT SUBMITTAL 412

PRO-BALANCE Pressure Differential Bypass Module



Product: PRO-BALANCE® Pressure Differential Bypass Module

Date: 04 October 2021 (supersedes 19 June 2009)



Article No.	Description
281541-001	PRO-BALANCE Pressure Differential Bypass Module

FUNCTIONAL DESCRIPTION

The PRO-BALANCE Pressure Differential Bypass Valve Module is recommended for use in heating systems using manifolds with valve actuators, or when the flow output of one circulator pump is controlled by multiple zone valves. The bypass valve diverts excess flow when one or more actuators (of zone valves) closes, preventing excessive flow velocities. The benefits are reduced wear on the pump, reduction or elimination of noise problems in valves and pipes, and more stable temperature control.

The Pressure Differential Bypass Valve module is mounted onto the PRO-BALANCE manifold. Ensure the arrow on the valve body is pointing from the high pressure side to the low pressure side of the manifold. Flat gaskets are supplied and the union nuts should be securely tightened.

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