



Bray Commercial

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Section 23 09 00 – INSTRUMENTATION AND CONTROL FOR HVAC

23 09 13 Instrumentation and Control Devices for HVAC

13.33 CONTROL VALVES

A. Characterized Control Valves:

1. NPS 2 and Smaller: Forged brass body rated at no less than 580 psi water, 15 PSIG steam, stainless steel ball and stem, female NPT end connections with a dual EPDM O-ring packing design, graphite reinforced Teflon seats, and an Amodel characterizing disc. Maximum fluid temperature rating 284°F.
2. NPS 2-1/2 through 4: Brass body with ductile iron flanges according to ANSI 150, class B, rated at 250 psi water, 25 psi steam, stainless steel ball and stainless steel stem, flange to match ANSI 150 with a dual EPDM O-ring package design, PTFE seats, and an Amodel characterizing disc. Maximum fluid temperature rating 284°F.
3. NPS 5 & 6: Brass body with ductile iron flanges according to ANSI 150, standard class B, rated at 240 psi, stainless steel ball and stainless steel stem, flange to match ANSI 150 with a dual EPDM O-ring package design, PTFE seats, and a stainless steel flow characterizing disc. Maximum fluid temperature rating 250°F.
4. Flow Characteristic: Equal percentage.
5. Leakage: ANSI Class IV (0.01%)
6. Manufactured or distributed by Bray or equal.