Runtal-Flex Connector

1/2" (HF-468) or 3/4" (HF-472) NOMINAL FEMALE SWEAT END

1/2" (HF-468) or 3/4" (HF-472) NOMINAL MALE SWEAT END

15-1/2" (NOMINAL) MODEL HF-468
15" (NOMINAL) MODEL HF-472

1/2" SIZE - MODEL # HF-468
3/4" SIZE - MODEL # HF-472

**Note:** Must allow enough clearance for expansion and contraction. Do not let connector touch wall.

Runtal Slimline Venturi Style Balancing Valve

EXPANSION COMPENSATION

1/2" (HF-469) or 3/4" (HF-473) NOMINAL FEMALE SWEAT END

1/2" (HF-469) or 3/4" (HF-473) MALE FLARE SWIVEL END

15-1/2" (NOMINAL) MODEL HF-469
16" (NOMINAL) MODEL HF-473

1/2" SIZE - MODEL # HF-469
3/4" SIZE - MODEL # HF-473
1/2" SIZE - MODEL # HF-470
3/4" SIZE - MODEL # HF-474

EXPANSION COMPENSATION

Must allow enough clearance for expansion and contraction. Do not let connector touch wall.

1/2" (HF-470) OR 3/4" (HF-474) MALE FLARE SWIVEL END

14" (NOMINAL) MODEL HF-470
16" (NOMINAL) MODEL HF-474

Make sure there is adequate room for expansion in both directions.