

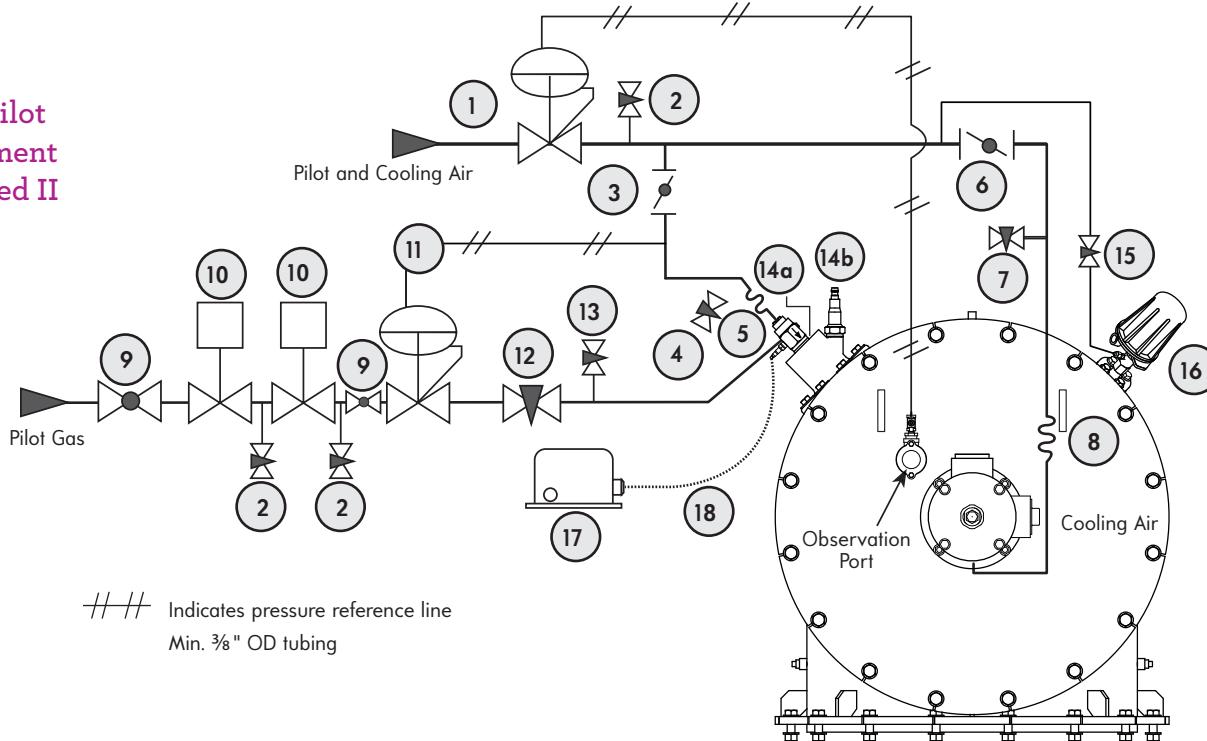


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North American TwinBed® II Pilots, Flame Detection and Bypass Air

**Typical Pilot
Arrangement
for TwinBed II**



Air (pilot/cooling) Line (for -7A thru -8B TwinBed II)

- 1) 7349-3-G 1½" pressure reducing regulator, green spring (12-28" w.c.)
- 2) 1836-03 ¼" needle valve, cooling air pressure measurement
- 3) 1122-3 1½" pilot air butterfly valve
- 4) 1836-03 ¼" needle valve, pilot air pressure measurement
- 5) 8777-3 1½" flexible nipple
- 6) 1122-2 1¼" cooling air butterfly valve
- 7) 1836-03 ¼" needle valve, cooling air pressure measurement
- 8) 8777-2 1½" flexible nipple

Air (pilot/cooling) Line (-9 thru -12B TwinBed II)

- 1) 7349-4-G 2" pressure reducing regulator, green spring (12-28" w.c.)
- 2) 1836-03 ¼" needle valve, air pressure measurement
- 3) 1122-3 1½" pilot air butterfly valve
- 4) 1836-03 ¼" needle valve, pilot air pressure measurement
- 5) 8777-3 1½" flexible nipple
- 6) 1122-3 1½" cooling air butterfly valve
- 7) 1836-03 ¼" needle valve, cooling air pressure measurement
- 8) 8777-3 1½" flexible nipple

Gas Line (all burner sizes)

- 9) 1821-02 ¾" ball valve
- 10) 1486A-02 ¾" solenoid valve
- 11) 7350-02-A ¾" regulator
- 12) R930-6055 ¾" needle valve
- 13) 1836-03 ¼" needle valve, pilot gas pressure measurement

Pilot / Flame Scanners / Flame Rod (all burner sizes)

- 14a) 4020-3A-CB nozzle mix pilot tip for -7A thru -8B burner sizes
- 14b) 4-25432-1 nozzle mix pilot tip for -9 thru -12B burner sizes
- 14c) 4020-4-CB nozzle mix pilot tip for -14 burner size
- 15) 1836-03 pilot flame rod assembly
- 16) see page 3 ¼" needle valve (cooling air, pilot UV) main flame scanner assembly and adapter with cooling air connection.

Ignition (all burner sizes)

- 17) 4065-6NI-6A ignition transformer
- 18) 4085-5 ignition cable, 5'