



TESTING PRESSURE VACUUM BREAKERS

- 1) TESTER AND HOSES MUST BE AT THE SAME ELEVATION AS THE VACUUM BREAKER
- 2) REMOVE CANOPY SO VENT OPENING MAY BE VISUALLY CHECKED
- 3) BLEED TEST PORTS TO CLEAN OUT ANY DEBRIS
- 4) CLOSE SHUT-OFF VALVE # 2
- 5) CLOSE SHUT-OFF VALVE # 1. IF VENT OPENS, SHUT-OFF VALVE # 2 IS LEAKING AND MUST BE REPAIRED BEFORE TEST CAN BE DONE. (REPORT LEAKING OR TIGHT SHUT-OFF VALVE # 2 ON TEST FORM)
- 6) OPEN TEST PORT # 1. IF WATER DRAINS FROM TEST PORT AND VENT OPENS, CHECK VALVE IS LEAKING. (REPORT LEAKING OR TIGHT CHECK VALVE ON FORM) IF WATER DRAINS FROM TEST PORT AND VENT DOES NOT OPEN, SHUT-OFF VALVE # 1 IS LEAKING. REPAIRS MUST BE MADE BEFORE CONTINUING TEST. (REPORT LEAKING OR TIGHT SHUT-OFF VALVE # 1 ON FORM)
- 7) CLOSE TEST PORT # 1
- 8) OPEN SHUT-OFF VALVE # 1
- 9) CLOSE ALL VALVES ON TESTER
- 10) ATTACH HIGH HOSE TO TEST COCK # 1
- 11) OPEN TEST PORT # 1. GAUGE SHOULD GO TO 15 PSI OR HIGHER
- 12) BLEED AIR FROM TESTER
- 13) CLOSE SHUT-OFF VALVE # 1
- 14) OPEN TEST PORT # 2. (VENT WILL OPEN) GAUGE SHOULD DROP TO NO LOWER THAN 1.0 PSI. (REPORT CHECK VALVE SPRING LOADING ON FORM)
- 15) CLOSE TEST PORTS # 1 AND # 2 AND REMOVE HIGH HOSE
- 16) ATTACH HIGH HOSE TO TEST PORT # 2
- 17) OPEN SHUT-OFF VALVE # 1
- 18) OPEN TEST PORT # 2
- 19) BLEED AIR FROM TESTER
- 20) CLOSE SHUT-OFF VALVE # 1
- 21) SLOWLY BLEED DOWN PRESSURE. VENT MUST OPEN AT 1 PSID OR HIGHER (REPORT AIR INLET SPRING LOADING ON FORM)
- 22) CLOSE ALL VALVES ON TESTER, CLOSE TEST PORT # 2, REMOVE TEST EQUIPMENT AND RETURN DEVICE TO ORIGINAL CONDITION