

INSTALLATION INSTRUCTIONS

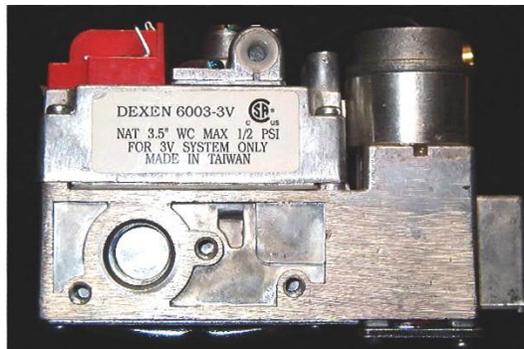
Mason-Lite Gas Valve Model # 6003-3V Series

INLET SIZES- 3 / 8 OR 1 / 2" NPT **OUTLET SIZES- 3 / 8 OR 1 / 2" NPT**
SPECIFICATIONS:
MAXIMUM INLET PRESSURE- 1 / 2 PSIG (14" W.C.)
AMBIENT TEMPERATURE- MAXIMUM 175 DEGREES F
MINIMUM -10 DEGREES F

MODEL	6003	6003-LP
GAS TYPE*	NATURAL GAS	LIQUIFIED PETROLEUM GAS
OUTLET PRESSURE	1.5-5" W.C.	9-12" W.C.
RANGE OF REGULATION	MAX- 70,000 BTU/HR MIN-5,000 BTU/HR	MAX- 110,000 BTU/HR MIN- 12,000 BTU/HR
CAPACITY(1" W.C. PRESSURE DROP)	40,000 BTU/HR	65,000 BTU/HR

*RATES ARE FOR 1,000 BTU/HR, 0.64 SPECIFIC GRAVITY FOR NATURAL GAS AND 2,500 BTU/HR, 1.55 SPECIFIC GRAVITY FOR LIQUIFIED PETROLEUM GAS.

MODEL 6003-3V SERIES IS A REGULATED GAS VALVE WITH ELECTRONIC IGNITION, ATTACHED WITH EITHER AND AC OR DC POWER SUPPLY AND THERMOSTAT TO CONTROL IT AS AN AUTOMATIC HEATING DEVICE WITH OR WITHOUT EXTERNAL ELECTRICITY. VALVES CAN BE MOUNTED VERTICAL- UPRIGHT-12 O'CLOCK POSITION OR HORIZONTAL- 3 OR 9 O'CLOCK POSITION. **IT CAN NOT BE MOUNTED IN THE UPSIDE DOWN-6 O'CLOCK POSITION.**



A QUALIFIED PERSON MUST DO INSTALLATION AND SERVICE OF THE GAS VALVE.

BEFORE STARTING THE INSTALLATION OR SERVICE OF THE GAS VALVE, GAS AND ELECTRICITY MUST BE TURNED OFF.

REGULATOR IS NOT INTENDED FOR CONVERSION IN THE FIELD. OEM OR DEXEN MUST DO ANY CHANGE FROM NATURAL GAS TO LPG GAS.

BEFORE PUTTING GAS VALVE INTO OPERATION, MAKE SURE THAT THERE IS NO RAW GAS IN THE SURROUNDING AREA.

INLET AND OUTLET OF GAS VALVE ARE FOR INSTALLATION OF CORRECT NPT PIPE SIZES FREE OF DIRT, BURRS, AND DEBRIS. THREAD TAPE OR COMPOUND MUST BE USED ON ALL MALE THREADS.

TO PREVENT IMPURITIES FROM ENTERING THE GAS VALVE INSTALL A SEDIMENT TRAP.

DO NOT PUT GAS VALVE INTO OPERATION IF YOU SMELL RAW GAS.

DO NOT PUT GAS VALVE INTO OPERATION WITH INLET PRESSURE ABOVE 14" W.C OR 1 / 2" W.C.

A LEAK TEST ON GAS VALVE AFTER INSTALLTION MUST IS PREFORMED BY PUTTING THE GAS VALVE INTO OPERATION WITH MAIN FLAME ON. APPLY A SOAPY SOLUTION ON ALL INLET AND OUTLET CONNECTIONS. BUBBLES WILL INDICATE A LEAK AND THE CONECTION MUST BE SERVICED.

A USED GAS VALVE MUST NOT BE USED FOR REPLACEMENT.

CITY CODES AND ORDANCES AND NATIONAL GAS CODES (ANSI Z22.31 AND NFPA #54) THESE STANDARDS MUST BE FOLLOWED FOR ALL PLUMBING GOING TO GAS VALVE.

GAS VALVE MUST BE REPLACE IF EXPOSURE TO WATER OR ANY OTHER LIQUID.

FLAMABLE MATERIALS MUST BE KEPT AWAY FROM GAS VALVE.

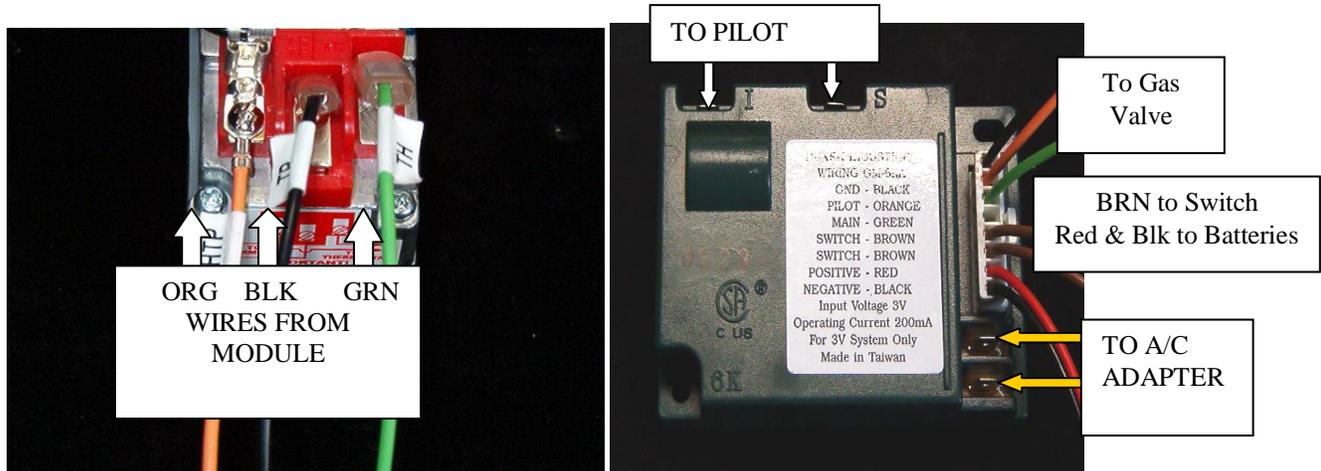
TURN OFF GAS SUPPLY IF GAS VALVE FAILS TO SHUT OFF.

ONLY OEM CERTIFIED SERVICE PERSONEL CAN PERFORM ADJUSTMENTS TO THIS GAS CONTROL.

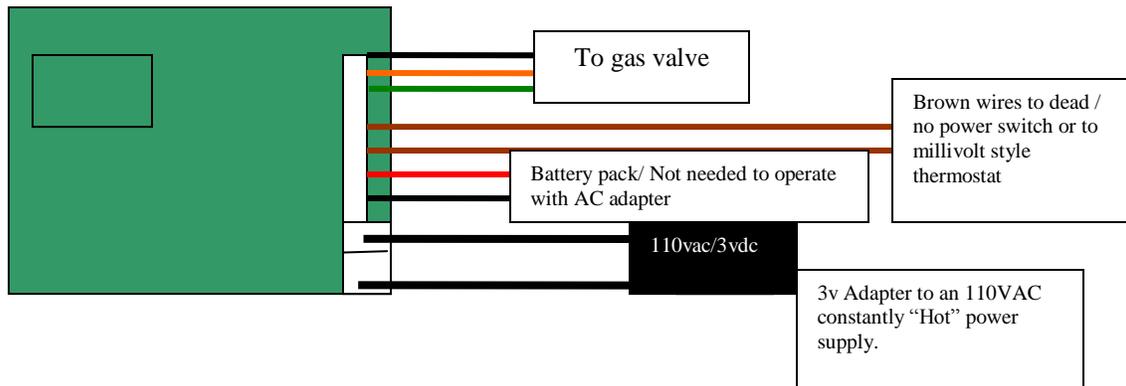
ADJUSTMENT OF THE PRESSURE REGULATOR:

INSTALL PRESSURE READING DEVISE TO THE PRESSURE TAP. (B) UNSCREW THE CAP SCREW ON TOP OF REGULATOR. (C) THE REGULATOR ADJUSTMENT SCREW CAN BE ROTATED, TO INCREASE PRESSURE TURN SCREW CLOCKWISE. TO DECREASE PRESSURE TURN SCREW COUNTER-CLOCKWISE. (D) REPLACE REGULATOR CAP SCREW. (E) REPLACE OR TIGHTEN PRESSURE TAP SCREW.

WIRE AS SHOWN BELOW. ALL WIRING MUST CONFORM TO CITY CODES AND ORDANCES. ALL CONNECTIONS MUST BE TIGHT.



**2 BROWN WIRES TO SWITCH, REMOTE OR THERMOSTAT.
RED & BLACK WIRE TO BATTERY PACK.**



Please note the Brown Wires if wire to a Wall Switch, Make sure the wall switch has NO POWER. If the Wall Switch is hot with 110vac this will damage and burn out the system.

If pilot is not established with in 60 seconds the system will lock out. Turn OFF then back ON switch to re-set the system.