AT MAXIMUM BTU/HR INPUT, 
MIN. GAS PRESSURE AT 1 PSI 
MAX. GAS PRESSURE = 5 PSI 
(SEE NOTE 7)

* MANUAL SHUTOFF VALVE
GAS REGULATOR

DIRT TRAP

* CONDENSATE DRAIN TRAP
HEATING SYSTEM RETURN

HEATING SYSTEM SUPPLY

NOTES:

1) FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE BOILER, SEE DIMENSIONAL DRAWINGS.

2) SHELL DRAIN VALVE AND CONDENSATE DRAIN TRAP SHOULD BE ARRANGED TO PERMIT THE FLUIDS TO DRAIN FREELY, BY GRAVITY, TO A CONVENIENT FLOOR DRAIN. PIPING OF RELIEF VALVE MUST COMPLY WITH LOCAL CODES.

3) ALL (*) ITEMS ARE INCLUDED SEPARATELY IN SHIPMENT FROM FACTORY.

4) LOCATE WATER INLET AND OUTLET FITTINGS (I.E. UNIONS, ELBOWS, ETC.) A MINIMUM OF 18" FROM BOILER FITTINGS TO PREVENT INTERFERENCE WITH SERVICE. ALL PIPING AND ELECTRIC CONNECTIONS (SERVICE SWITCHES, CONDUIT BOXES) SHOULD LIKewise BE 6" AWAY FROM SIDE OF UNIT.

5) THIS IS A TYPICAL INSTALLATION DRAWING. LOCAL CODES AND AUTHORITIES SHOULD BE CONSULTED.

6) WHEN USING THE AERCO CONDENSATE NEUTRALIZER TANK, FOR PROPER CONDENSATE DRAINAGE, THE NEUTRALIZER TANK MUST BE INSTALLED IN A PIT OR THE BOILER AND THE AERCO CONDENSATE TRAP MUST BE ELEVATED HIGHER THAN 4" ABOVE THE FLOOR. SEE CONDENSATE TANK INSTRUCTIONS TID-0074 FOR DETAILS.

7) GAS PRESSURE RANGE IS DEPENDENT ON GAS TRAIN ORDERED. CONSULT MFC SERIES FUEL SUPPLY GUIDE GF-148G FOR ADDITIONAL DETAILS.