



AT MAXIMUM BTU/HR INPUT,
MAINTAIN MINIMUM
GAS PRESSURE AT 4.0" W.C.
MAX. GAS PRESSURE=14" W.C.

- NOTES:
1. FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE HEATER, SEE DIMENSIONAL DRAWING.
 2. SHELL DRAIN VALVE AND CONDENSATE PIPE SHOULD BE ARRANGED TO PERMIT THE FLUIDS TO DRAIN FREELY, BY GRAVITY, TO A FLOOR DRAIN. RELIEF VALVE DISCHARGE SHOULD BE PIPED TO THE NEAREST FLOOR DRAIN. WHEN NO FLOOR DRAIN IS AVAILABLE, THE RELIEF VALVE DISCHARGE SHOULD BE PIPED VERTICALLY TO A HEIGHT OF AT LEAST 6" ABOVE THE FLOOR BUT NOT LESS THAN 2 PIPE DIAMETERS.
 3. ALL (*) ITEMS ARE INCLUDED SEPARATELY IN SHIPMENT.
 4. THIS IS A TYPICAL INSTALLATION DRAWING. LOCAL CODES AND AUTHORITIES SHOULD BE CONSULTED.
 5. HOSE CONNECTION TO HEATER OUTLET IS FOR INITIAL HEATER CALIBRATION DURING START-UP.
 6. LOCATE WATER INLET AND OUTLET FITTINGS (i.e. UNIONS, ELBOWS, ETC.) A MINIMUM OF 6" FROM WATER HEATER FITTINGS, TO PREVENT INTERFERENCE WITH REMOVAL OF HEATER PANELS.
 7. HEATER SHOULD BE PIPED REVERSE RETURN AS SHOWN OR BALANCING DEVICES ON THE OUTLETS OF THE HEATERS SHOULD BE EMPLOYED.
 8. IF PERMITTED BY LOCAL CODES, A CHECK VALVE MAY BE USED IN PLACE OF A BACKFLOW PREVENTER.
 9. ACTUATED SEQUENCING VALVES.
 10. PROVIDE GAS PRESSURE REGULATOR, COORDINATE WITH GAS UTILITY FOR INCOMING SUPPLY PRESSURE.
 11. FOR APPLICATIONS THAT PREVENT BACKFLOW (USE OF DEVICES SUCH AS CHECK VALVE, BACKFLOW PREVENTER OR PRESSURE REDUCING VALVE), A PROPERLY SIZED, POTABLE, DIAPHRAGM-TYPE THERMAL EXPANSION TANK MUST BE PLACED ON THE PIPING AS SHOWN.
 12. BUILDING RECIRCULATION IS REQUIRED, SEE PLANS.

1 WATER HEATER SCHEMATIC
P005 NOT TO SCALE

DETAIL PROVIDED BY MANUFACTURER.



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SHEET ISSUE:
07/30/18
FOR CONSTRUCTION

Revisions		
Number	Description	Date

FOR REFERENCE ONLY

PRINCIPAL IN CHARGE:
PROJECT ARCHITECT:
DRAWN BY:
SHEET TITLE:
PLUMBING DETAILS

SHEET NO. PROJ NO.
P005 017378.00

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