



LEGEND

	CHECK VALVE
	STOP VALVE
	UNION
	DRAIN VALVE
	THERMOMETER
	TEMPERING VALVE
	BALANCING VALVE

TANK HEIGHT TO DIA. RATIO: 2:1 MIN., 3:1 PREFERRED

NOTES:

- 1) FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE HEATER, SEE DIMENSIONAL DRAWING
- 2) SHELL DRAIN VALVE AND CONDENSATE HOSE SHOULD BE ARRANGED TO PERMIT THE FLUIDS TO DRAIN FREELY, BY GRAVITY, TO A FLOOR DRAIN. RELIEF VALVE SHOULD BE PIPED VERTICALLY TO A HEIGHT 18" ABOVE THE FLOOR.
- 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 AT 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. ALL PIPING & ELECTRIC CONNECTIONS SHOULD BE 6" AWAY FROM SIDE PANELS. LOCATE GAS PRESSURE REGULATOR A MINIMUM OF 2' FROM HEATER.
- 7) PUMP SHOULD BE CAPABLE OF HEATER'S RATED FLOW AT DESIGN TEMPERATURE RISE.
- 8) MOUNT TEMPERATURE SWITCH 1/3 UP FROM THE BOTTOM OF THE TANK, SWITCH WILL TURN PUMP ON AND OFF.
- 9) MAINTAIN A REGULATED 8.5" W.C. PRESSURE AT MAX. BTU/HR INPUT.

AERCO INTERNATIONAL, INC.
NORTHVALE, NJ 07647

KC1000 1 MIL. BTU
GAS FIRED WATER HEATER
SINGLE UNIT, STRATIFIED TANK
& TWO TEMPERATURE ZONES

DWN. BY SCD DATE 072699
SCALE NTS
APPD. *** DATE *****

SD-A-565

REV.
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