



- NOTES:
1. FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE BOILER, SEE APPROPRIATE DIMENSIONAL DRAWING.
  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. RELIEF VALVE SHOULD BE PIPED VERTICALLY TO A HEIGHT 18" ABOVE FLOOR.
  3. ALL (\*) ITEMS ARE INCLUDED SEPARATELY IN SHIPMENT FROM FACTORY.
  4. REFER TO BOILER INSTALLATION DRAWINGS FOR RECOMMENDED FIELD INSTALLATION.
  5. REFER TO SMARTPLATE APPLICATIONS GUIDE, SP-1010, FOR BUFFER TANK SIZING.
  6. REFER TO SMARTPLATE INSTALLATION DRAWINGS FOR RECOMMENDED DOMESTIC PIPING INSTALLATION.
  7. BOILER PUMP MUST BE SIZED TO PROVIDE THE APPROPRIATE FLOW AT THE DESIGN  $\Delta T$  OF THE BOILER PLANT. BOILER PUMP MUST MAINTAIN MODULEX BOILER(S) REQUIRED MINIMUM FLOW.
  8. INSTALL THE HEADER SENSOR IN THE BUFFER TANK SYSTEM SUPPLY PIPING.
  9. LOCATE WATER INLET AND OUTLET FITTINGS (i.e. UNIONS, ELBOWS, ETC.) A MINIMUM OF 6" FROM BOILER FITTINGS TO PREVENT INTERFERENCE WITH REMOVAL OF BOILER PANELS AND COVERS. ALL PIPING AND ELECTRIC CONNECTIONS (SERVICE SWITCHES, CONDUIT BOXES) SHOULD LIKEWISE BE 6" AWAY FROM SIDE PANELS.
  10. MANDATORY PRIMARY PUMP - SEE AERCO MODULEX PRIMARY LOOP DESIGN DATA - ENGR. MANUAL C400.0 OR GF-137 (EXT MODELS 321, 481, 641, 802, 962 & 1123).
  11. MANDATORY BOILER STRAINER (20 MESH OR FINER).
  12. GAS REGULATOR IS MANDATORY AND IS REQUIRED WHEN SUPPLY PRESSURE IS GREATER THAN 14" W.C.
  13. THIS IS A TYPICAL INSTALLATION DRAWING. LOCAL CODES AND AUTHORITIES SHOULD BE CONSULTED.
  14. 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.

<b>AERCO INTERNATIONAL, INC.</b> Blauvelt, NY 10913		
<b>SMARTPLATE &amp; MODULEX          SINGLE UNIT WITH          BOILER SIDE BUFFER TANK</b>		
DWN. BY <u>K.S.</u> DATE <u>062614</u> SCALE <u>NTS</u> APPD. _____ DATE _____	<b>SD-A-1026</b>	REV <b>A</b>