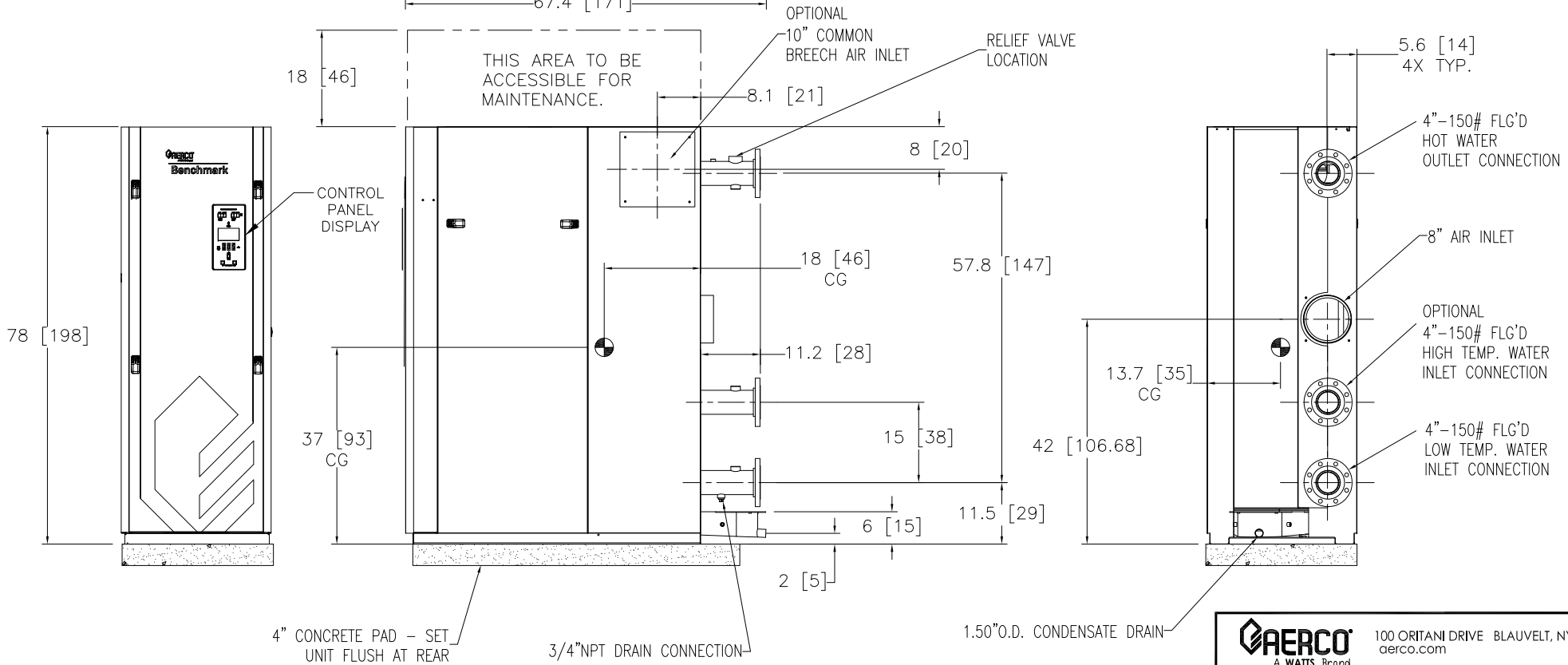


| MATERIALS OF CONSTRUCTION                             |                                                                                                                                                                                                                    |                    |                     |                              |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|------------------------------|
| COMBUSTION CHAMBER                                    | SHELL OUTER-1/4" CARBON STEEL,SA-53 GR.B<br>SHELL INNER-1/4"STAINLESS STEEL,SA-240, 439SS<br>HEAD-1/2" CARBON STEEL,SA-516 GR.70<br>EXPANSION JOINT-1/4" STAINLESS STEEL,SA-240,439SS                              |                    |                     |                              |
| HEAT EXCHANGER                                        | UPPER TUBESHEET- 1/4" STAINLESS STEEL,SA-240,439SS<br>LOWER TUBESHEET- 1/4" STAINLESS STEEL,SA-240,439SS<br>TUBES-STAINLESS STEEL,9/16"O.D. X .049 WALL<br>SA-249,439SS<br>SHELL-1/4" CARBON STEEL,SA-53,GR.A OR B |                    |                     |                              |
| HEAT EXCHANGERS & COMBUSTION CHAMBER DESIGN STANDARDS |                                                                                                                                                                                                                    |                    |                     |                              |
| MAX. WORKING PRESS. (PSIG)                            | MAXIMUM TEMP. (°F)                                                                                                                                                                                                 | TEST PRESS. (PSIG) | HT'G SURFACE SQ.FT. | MIN. RELIEF VA. CAPACITY MBH |
| 160                                                   | 210                                                                                                                                                                                                                | 240                | 184                 | 2500                         |
| 160                                                   | 210                                                                                                                                                                                                                | 240                | 205                 | 3000                         |
| ASME B & PV CODE: SECTION IV STAMP H                  |                                                                                                                                                                                                                    |                    |                     |                              |



NOTES:

- 1) ALL DIMENSIONS SHOWN ARE IN INCHES (CENTIMETERS).
- 2) RELIEF VALVE, TRIDICATOR & CONDENSATE TRAP ARE INCLUDED SEPARATELY IN SHIPMENT.
- 3) AERCO RESERVES THE RIGHT TO MODIFY BOILER DIMENSIONS WITHOUT PRIOR NOTICE

|                                                                                                                                                                      |          |                                                   |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------|-----------|
|                                                                                                                                                                      |          | 100 ORITANI DRIVE BLAUVELT, NY 10913<br>aerco.com |           |
| <b>BENCHMARK® 2500 &amp; 3000 MBH<br/>         NATURAL GAS, PROPANE, DUAL FUEL &amp;<br/>         DF-DB&amp;B BOILER DUAL INLET<br/>         DIMENSIONAL DRAWING</b> |          |                                                   |           |
| DWN.BY_PR_DATE110712<br>SCALE _____ SIZE A<br>CHKD. _____ APPD. _____<br>DWN.BY_K.S. DATE062123                                                                      | AP-A-915 |                                                   | REV.<br>J |