

MATERIALS OF CONSTRUCTION

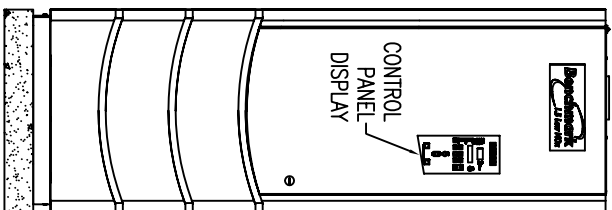
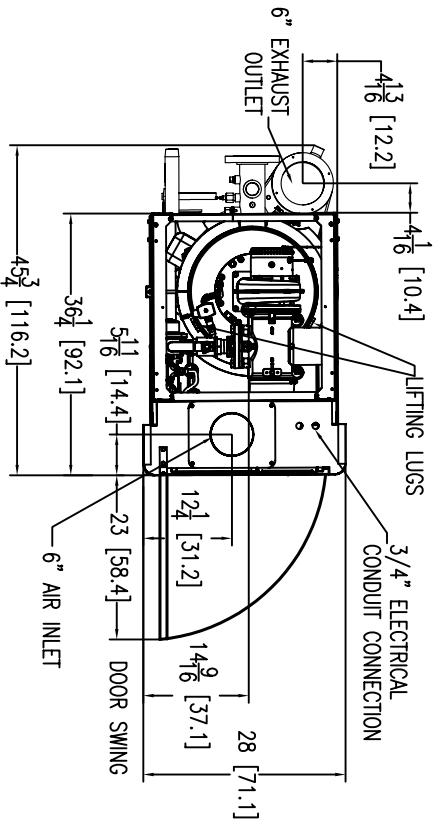
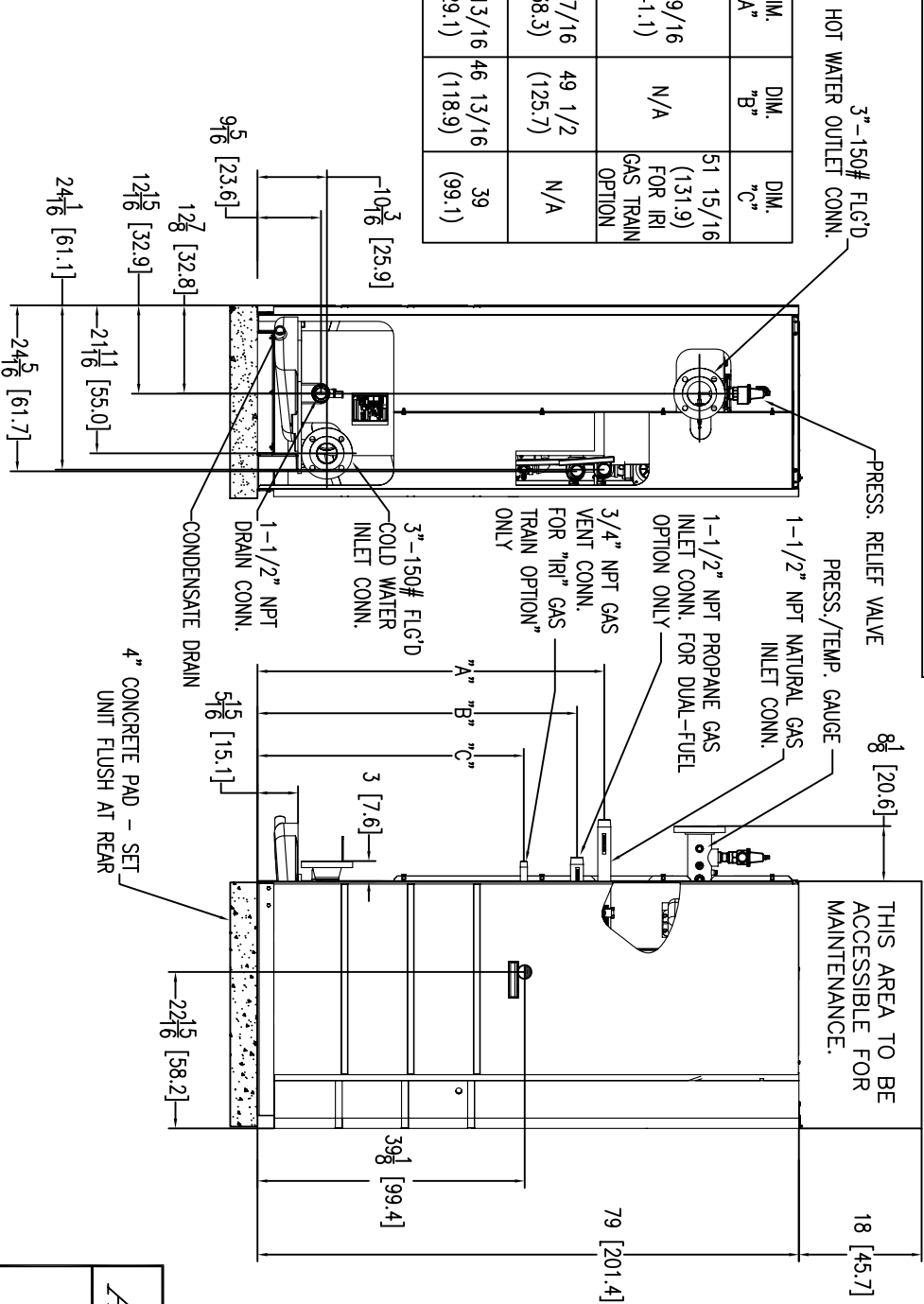
COMBUSTION CHAMBER	SHELL OUTER-1/4" CARBON STEEL,SA-53 GR.B SHELL INNER-1/4"STAINLESS STEEL,SA-312,304L OR 316L EXPANSION JOINT-1/4" CARBON STEEL,SA-516 GR.70
HEAT EXCHANGER	UPPER TUBESHEET-3/8" STAINLESS STEEL,SA-240,316L LOWER TUBESHEET-5/8" STAINLESS STEEL,SA-240,316L TUBES-STAINLESS STEEL,5/8 O.D. X .065 WALL SA-249,316L SHELL-1/4" CARBON STEEL,SA-53,GR.A OR B EXPANSION JOINT-1/4" CARBON STEEL,SA-516,GR.70

HEAT EXCHANGERS & COMBUSTION CHAMBER DESIGN STANDARDS

MAX. WORKING PRESS. (PSIG)	210	TEST PRESS. (PSIG)	240	HT'G SURFACE SQ.FT.	110	MIN. RELIEF VA. CAPACITY MBH	1500
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ASME B & PV CODE: SECTION IV STAMP H (PRIMARY H.X.)  
SECTION VIII STAMP U (SECONDARY H.X.)

BMK1.5 LN MODEL	DIM. "A"	DIM. "B"	DIM. "C"
NAT. GAS ONLY	55 9/16 (141.1)	N/A	51 15/16 (131.9) FOR IRI GAS TRAIN OPTION
DUAL-FUEL WITH FM GAS TRAIN	54 7/16 (138.3)	49 1/2 (125.7)	N/A
DUAL-FUEL WITH IRI GAS TRAIN	50 13/16 (129.1)	46 13/16 (118.9)	39 (99.1)



- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE IN INCHES (CENTIMETERS).
  - 2) RELIEF VALVE, TRIDICATOR & CONDENSATE TRAP ARE INCLUDED SEPARATELY IN SHIPMENT.

**AERCO** NORTHVALE, NJ 07647

BENCHMARK 1.5 MIL. LOW NOX BTU GAS FIRED BOILER  
DIMENSIONAL DRAWINGS

DWN. BY: JK	DATE: 10/18/07	REV.:
SCALE: _____	SIZE: A	AP-A-831
CHKD: _____	APPD: _____	A
REV. DATE: _____		