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BOILER DATA

OPERATING VOLUME (USG)	810
OPERATING WEIGHT (LBS)	16200
HEAT IMPUT (MBH)	4090
OUTPUT (HP)	100

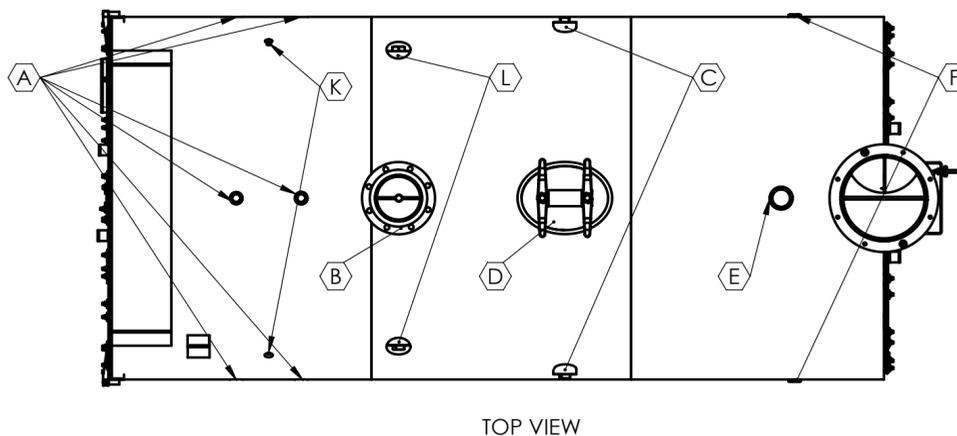
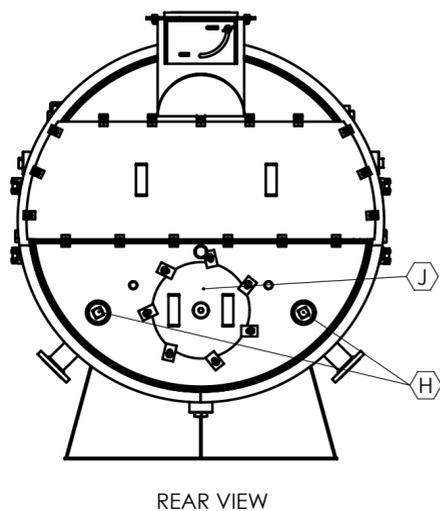
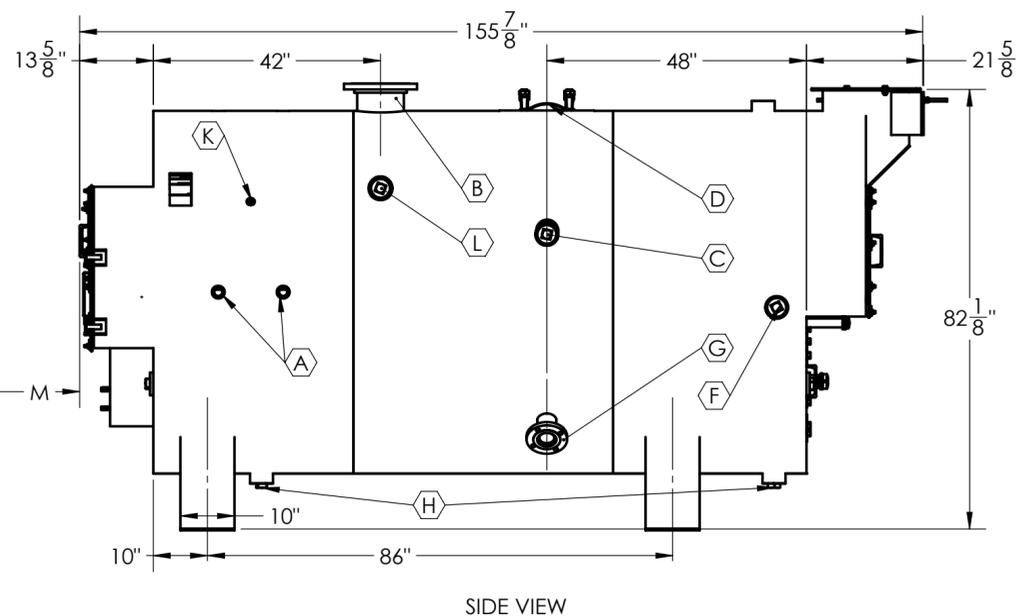
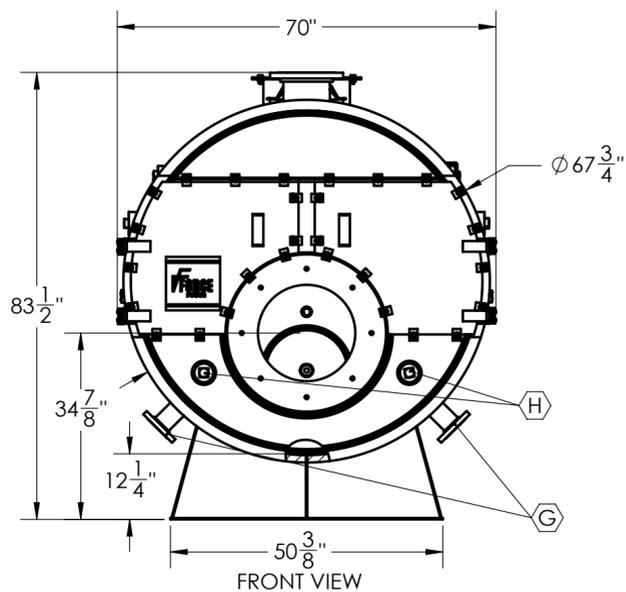
VENT FLANGE DIMENSIONS

OD	20-1/8
ID	16
B.C.D.	18.5
NO. OF HOLES	8
HOLE DIAMETER	1/2

CONNECTION SCHEDULE

TAG	DESCRIPTION	CONNECTION		
		SIZE (INCH)	TYPE	RATING
A*	CONTROLS	1-1/4	HALF COUPLING	3000#
B	STEAM OUTLETS	8	SORF FLANGE	150#
C*	SURFACE BLOWDOWN	3	FULL COUPLING	3000#
D	MANHOLE	12X16	ELLIPTICAL	
E	SAFETY RELIEF VALVE	3	FULL COUPLING	3000#
F*	REVERSING CHAMBER WASHOUT	3	FULL COUPLING	3000#
G*	CONDENSATE INLET	3	SORF FLANGE	150#
H	WASHOUTS	3	FULL COUPLING	3000#
J	REAR DOOR	16		
K*	LOW FIRE HOLD	1/2	FULL COUPLING	3000#
L*	FURNACE INSPECTION	3	FULL COUPLING	3000#
M	TUBE PULL	120		

* - Owner chooses left/right installation



1. ADEQUATE BOIL OUT PROCEDURES MUST BE IMPLEMENTED BEFORE BOILER PLACED IN SERVICE (SEE OPERATION MANUAL).
2. PROPER WATER TREATMENT PROGRAM IS CRITICAL TO THE OPERATION OF THIS BOILER.
3. WARRANTIES, EXPRESSED OR IMPLIED, WILL BE RENDERED NULL AND VOID IF PROPER WATER TREATMENT PROGRAM IS NOT IMPLEMENTED AND MAINTAINED. CONSULT LOCAL WATER TREATMENT SPECIALISTS FOR DESIGN AND SUPPLY OF REQUIRED WATER TREATMENT SYSTEM
4. ALL DIMENSIONS FOR REFERENCE ONLY.

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UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	SR
TOLERANCES:	CHECKED	10/30/2015
ANGULAR: ± 0.25°	ENG APPR.	
TWO PLACE DECIMAL ± .010"	MFG APPR.	
THREE PLACE DECIMAL ± .005"	Q.A.	
SURFACE FINISH	COMMENTS:	
INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5		
MATERIAL SEE NOTE 1		
FINISH SEE NOTE 3		
APPLICATION		

30 Commerce Park Drive Niskayuna, NY, 12309, USA PH. (518) 377-2349, FAX (518) 344-7495		
TITLE: TCS-100LS Boiler ASSY (3p)		
SIZE C	DWG. NO. 51002_SM	REV --
SCALE: 1:48 WEIGHT: 9809.393 SHEET 1 OF 1		

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