BOILER DATA

OPERATING VOLUME (USG)	1150
OPERATING WEIGHT (LBS)	19250
HEAT IMPUT (MBH)	3675
OUTPUT (HP)	90

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	RATTING
A	CONTROLS	1-1/4	FULL COUPLING	3000#
B	WATER OUTLET	4	SORF FLANGE	150#
C	SURFACE BLOWDOWN	3	FULL COUPLING	3000#
D	MANHOLE	12X16	ELLIPTICAL	
E	SAFETY RELIEF VALVE	2-1/2	FULL COUPLING	3000#
F	REVERSING CHAMBER WASHOUT	3	FULL COUPLING	3000#
G	WATER INLET	4	SORF FLANGE	150#
H	WASHOUTS	3	FULL COUPLING	3000#
J	REAR ACCESS DOOR	20		
K	CONTROLS	3/4	FULL COUPLING	3000#
L	FURNACE INSPECTION	3	FULL COUPLING	3000#
M	TUBE PULL	133		
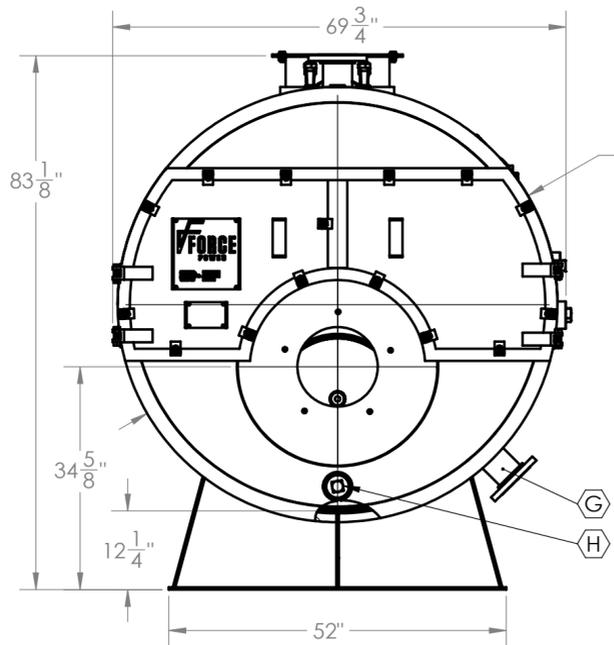
FRONT VIEW
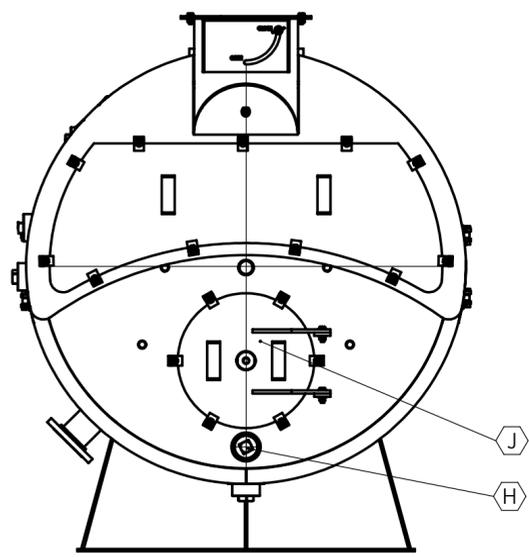
REAR VIEW
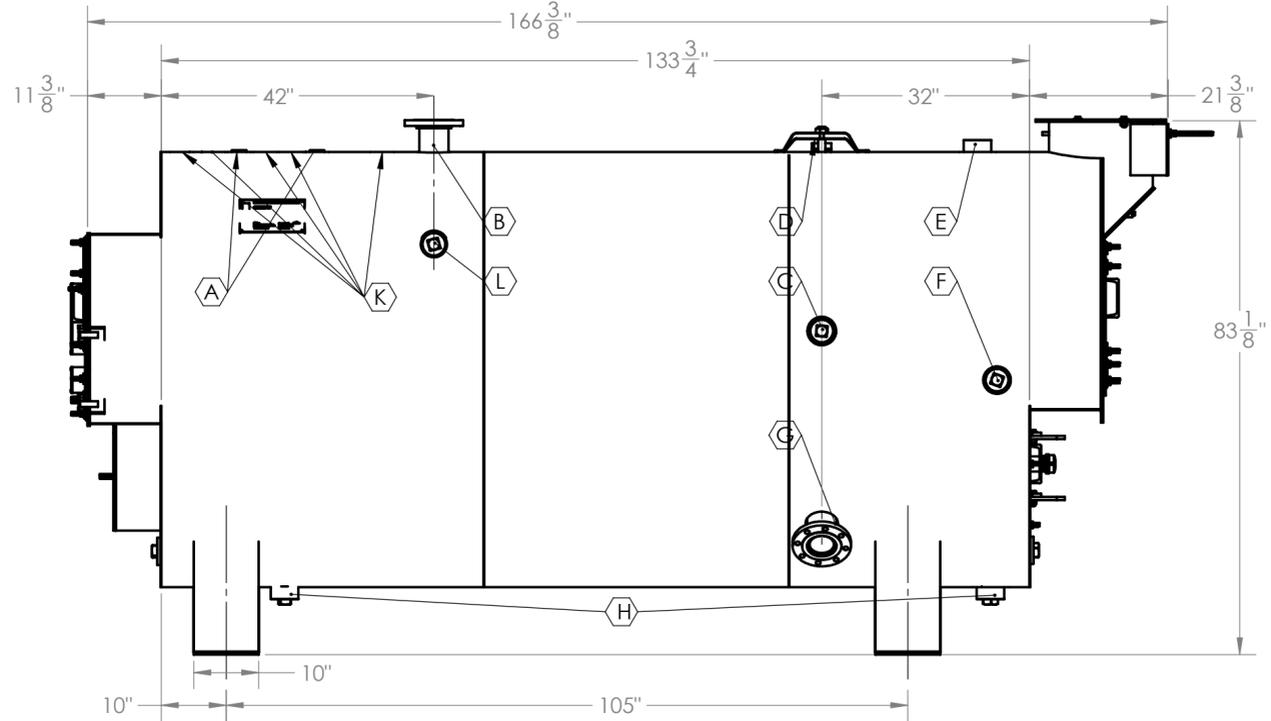
SIDE VIEW

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.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	SR	12/15/2016
TOLERANCES: ANGULAR: ±5° .XX: ± .010" .XXX: ± .005" FRACTIONS: ± 1/16"	CHECKED		
	ENG APPR.		
	MFG APPR.		
INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5	Q.A.		
MATERIAL SEE NOTE 1	COMMENTS:		
FINISH SEE NOTE 3			

30 Commerce Park Drive
Niskayuna, NY, 12309, USA
PH. (518) 377-2349, FAX (518) 344-7495

TITLE:
TCS90W(XL) Boiler ASSY, 3P-R-FE

SIZE	DWG. NO.	REV
C	5009121200	–

SCALE: 1:48 WEIGHT: 8592.2865 SHEET 1 OF 1

NEXT ASSY | USED ON
APPLICATION | DO NOT SCALE DRAWING