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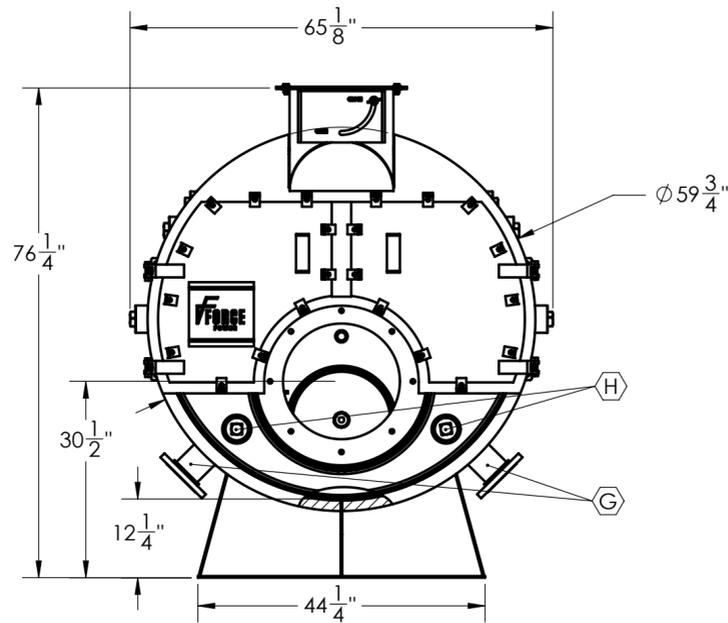
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BOILER DATA	
OPERATING VOLUME (USG)	960
OPERATING WEIGHT (LBS)	17300
HEAT INPUT (MBH)	3680
OUTPUT (HP)	90

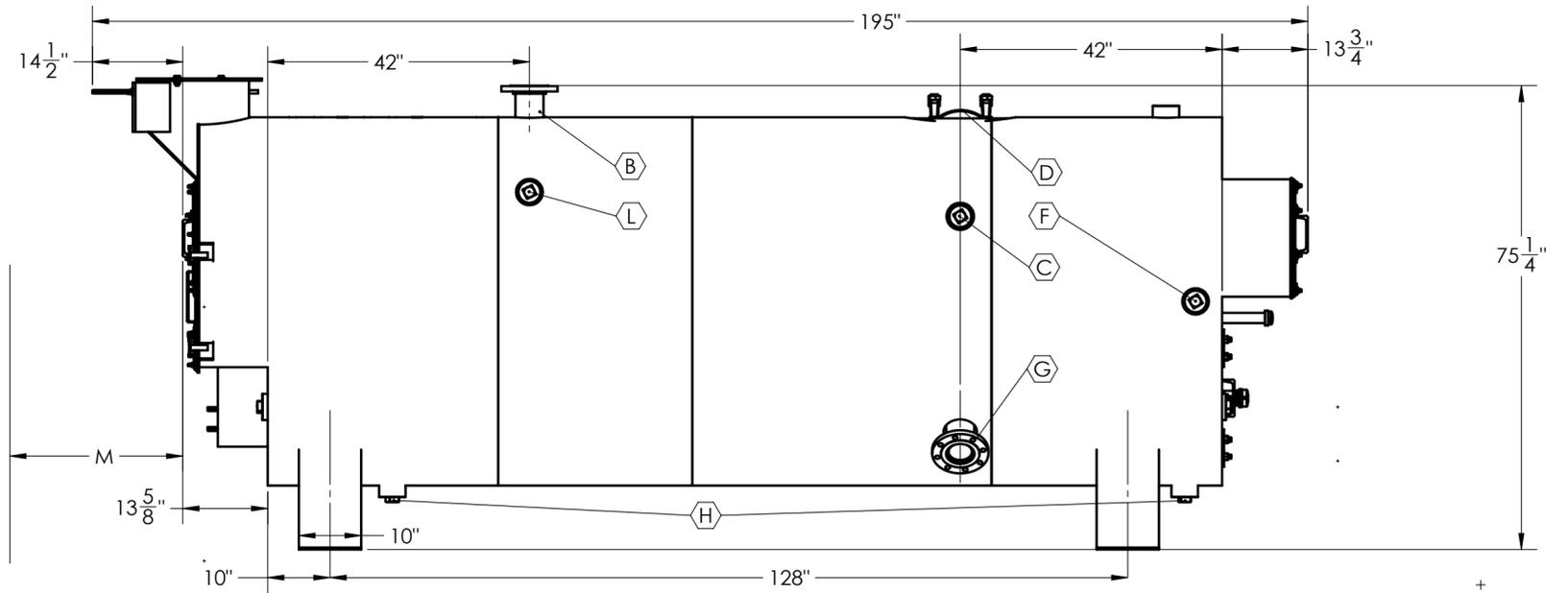
VENT FLANGE DIMENSIONS	
OD	20-1/8
ID	16
B.C.D.	2918.5
NO. OF HOLES	8
HOLE DIAMETER	1/2

CONNECTION SCHEDULE				
TAG	DESCRIPTION	CONNECTION		
		SIZE (INCH)	TYPE	RATING
A	CONTROLS	1	FULL COUPLING	3000#
B	WATER SUPPLY, NPS	4	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*	WATER RETURN, NPS	4	SORF FLANGE	150#
H	WASHOUTS	3	FULL COUPLING	3000#
J	REAR DOOR	16		
K	THERMOSENSOR	1/2	FULL COUPLING	3000#
L*	FURNACE INSPECTION	3	FULL COUPLING	3000#
M	TUBE PULL	155		
N	PRESSURE GAGE	1/2	FULL COUPLING	3000#

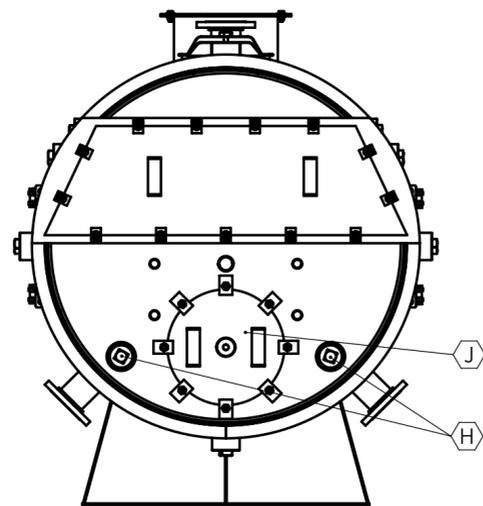
* - Owner chooses left/right installation



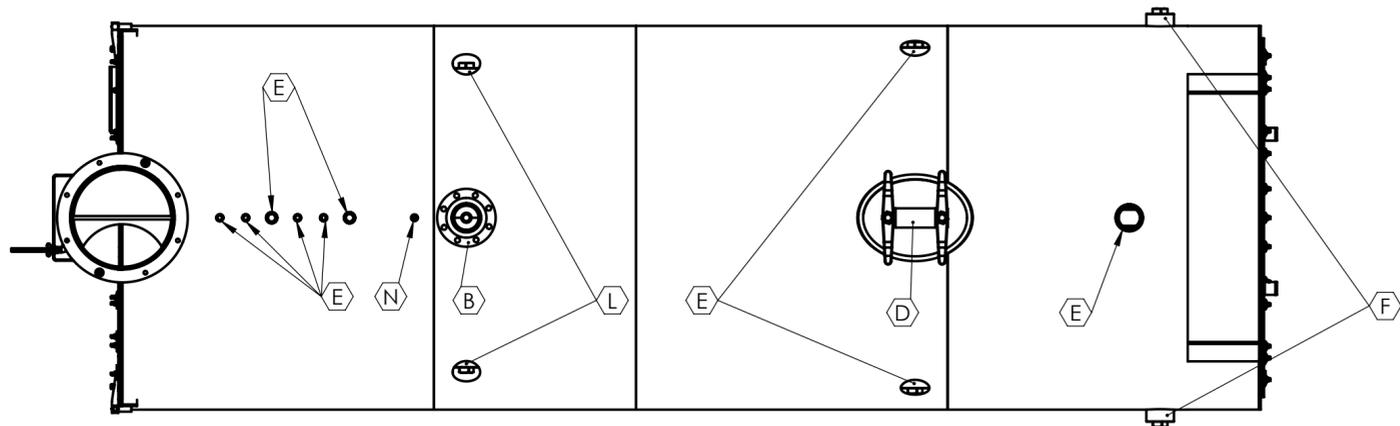
FRONT VIEW



SIDE VIEW



REAR VIEW



TOP 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.

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: ± 0.25° TWO PLACE DECIMAL ± .010" THREE PLACE DECIMAL ± .005" SURFACE FINISH	NAME	DATE	 30 Commerce Park Drive Niskayuna, NY, 12309, USA PH. (518) 377-2349, FAX (518) 344-7495	
INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5	DRAWN	SR		10/30/2015
MATERIAL SEE NOTE 1	CHECKED			
FINISH SEE NOTE 3	ENG APPR.			
APPLICATION	MFG APPR.			
	Q.A.			
	COMMENTS:			

TITLE:	TCS-90W Boiler ASSY (4p)	
SIZE	DWG. NO.	REV
C	50911_SM	-
SCALE: 1:48 WEIGHT: 9906.642 SHEET 1 OF 1		

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