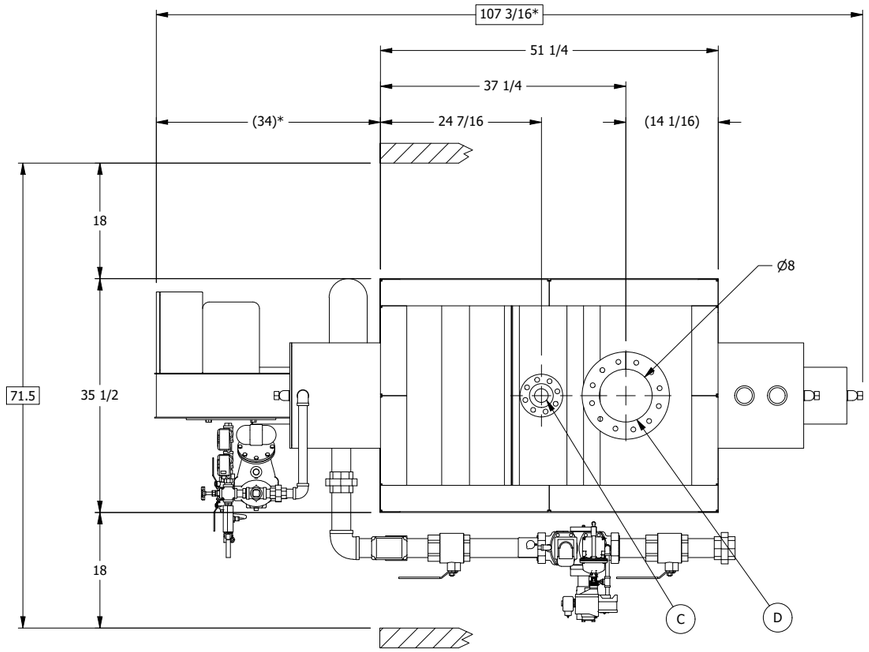
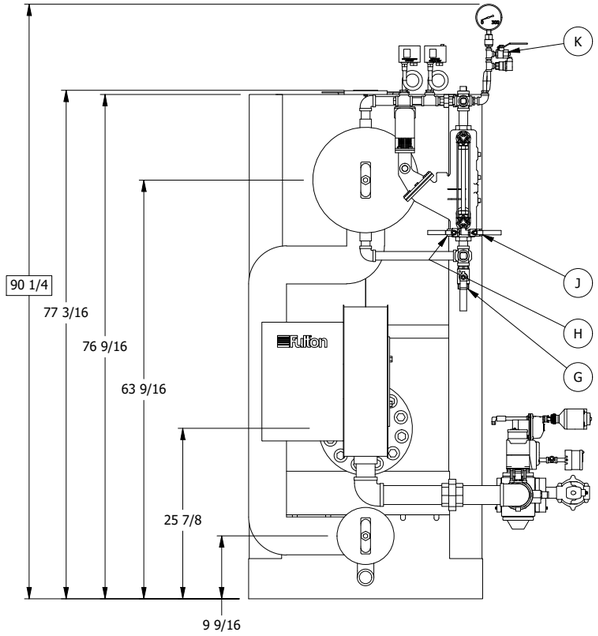


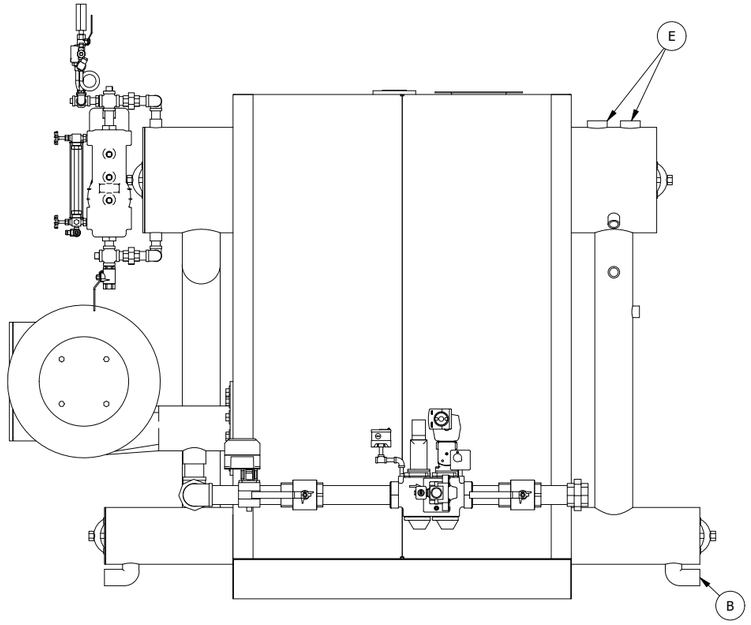
TOP VIEW

CUSTOMER CONNECTIONS			
ITEM	DESCRIPTION	SIZE	TYPE
A	FEED WATER INLET	1"	N.P.T.
B	BLOWDOWN OUTLET	1.5"	N.P.T.
C	STEAM OUTLET	2"	300#
D	EXHAUST STACK	8"	- - -
E	SAFETY RELIEF VALVE (2X)	APPLICATION SPECIFIC	N.P.T.
F	FUEL INLET	APPLICATION SPECIFIC	N.P.T.
G	WATER COLUMN DRAIN	1"	N.P.T.
H	SIGHT GLASS DRAIN	1/4"	N.P.T.
J	WATER SAMPLE PORT	1/4"	N.P.T.
K	STEAM SAMPLE PORT	1/4"	N.P.T.
L	SURFACE BLOWDOWN	1"	N.P.T.
M	CHEMICAL FEED	1"	N.P.T.

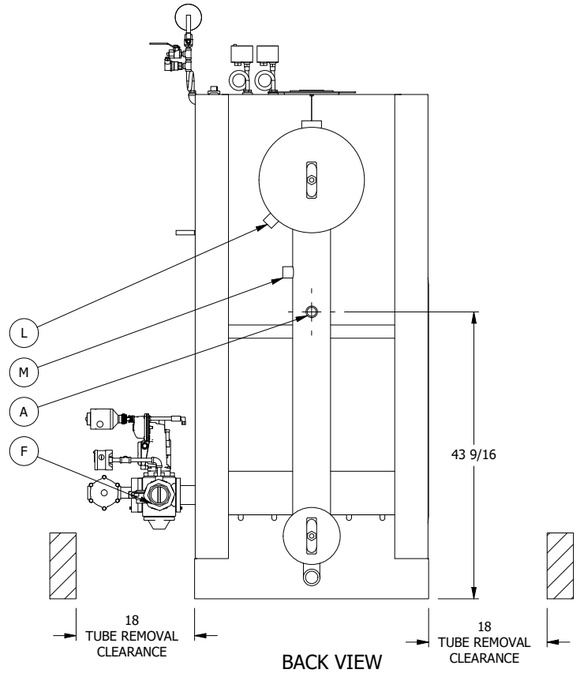
EQUIPMENT SPECIFICATION CHART	
BOILER INPUT:	1250000 BTU/HR
BOILER OUTPUT:	1037000 BTU/HR
STEAM OUTPUT/MIN. SRV CAPACITY:	1068 LBS/HR
APPX. BOILER HP:	31 HP
APPX. SHIPPING WEIGHT:	3910 LBS
APPX. OPERATING WEIGHT:	4380 LBS
WATER CAPACITY (OPERATING):	56 GAL.



FRONT VIEW



SIDE VIEW



BACK VIEW

NOTES:

1. STEAM OUTPUT LB/HR: FROM 0 PSIG AT 212°F (0 KG/CM² AT 100°C)
2. ALL CLEARANCES ARE FACTORY RECOMMENDATIONS. CONSULT LOCAL JURISDICTION FOR EXACT CODE COMPLIANCE.
3. FULTON RECOMMENDS 36" IN FRONT OF ELECTRICAL PANELS, 18" CLEARANCE BETWEEN INSPECTION OPENINGS OF ALL BOILERS, 18" CLEARANCE OF HANDHOLES, 14" FROM EXHAUST STACK, AND 18" FOR TUBE REMOVAL CLEARANCE.
4. PLEASE REFER TO THE O&M MANUAL FOR ADDITIONAL INFORMATION REGARDING CLEARANCES AND INSTALLATION INSTRUCTIONS.
5. ALL DIMENSIONS INSIDE ( ) DENOTE REFERENCE DIMENSIONS.
6. ALL DIMENSIONS INSIDE □ DENOTE OVERALL DIMENSIONS.
7. WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS AND/OR DIMENSIONS. ALL INFORMATION IS SUBJECT TO CHANGE BASED ON ADDITION OF ANY OPTIONAL EQUIPMENT AND/OR ACCESSORIES. PLEASE CONSULT THE FACTORY FOR PROJECT SPECIFIC ESTIMATES IF ADDITIONAL OPTIONS OR ACCESSORIES ARE REQUIRED.
8. *OVERALL SIZE, CONNECTION SIZES, OR CONNECTION LOCATION MAY VARY BASED ON APPLICATION. CONTACT FACTORY FOR ADDITIONAL INFORMATION.

REV	REVISION DESCRIPTION	CHECKED	BOM/PLANT	MECH/ELEC	ASME	APPROVED
-	INITIAL RELEASE	-	-	-	-	-

REVISION HISTORY

UNLESS OTHERWISE NOTED DIMENSIONS ARE DUAL DIMENSIONED

TOLERANCES	INCH	METRIC
FRACTION & WHOLE VALUE	± 1/8	± 3mm
(1) PLACE DEC.	± 0.03	± 0.7mm
(2) PLACE DEC.	± 0.015	± 0.38mm
(3) PLACE DEC.	± 0.005	± 0.12mm
ANGLE	± 0.5DEG	± 0.5 DEG

SURFACE FINISH 250 MICRO-INCHES — SURFACE FINISH 6.35 MICRO-METERS

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The items shown in this drawing may be covered by one or more patents of The Fulton Companies.

THIRD ANGLE PROJECTION

DRAWN BY: T. KENNEDY 2/15/2022	MECHANICAL / ELECTRICAL REVIEW:	JOB NUMBER:	DESCRIPTION: FB-100-X-LP FLEXIBLE WATERTUBE LOW PRESSURE STEAM BOILER (31 HP)
CHECKED BY:	ASME REVIEW:	PROJECT NAME:	
B.O.M. / PLANT REVIEW:	APPROVED BY: E.B.W. 4/7/22	PROJECT MANAGER:	SHEET 1 OF 1

Fulton

DRAWING NUMBER FB-0100-X-LP

REVISION -