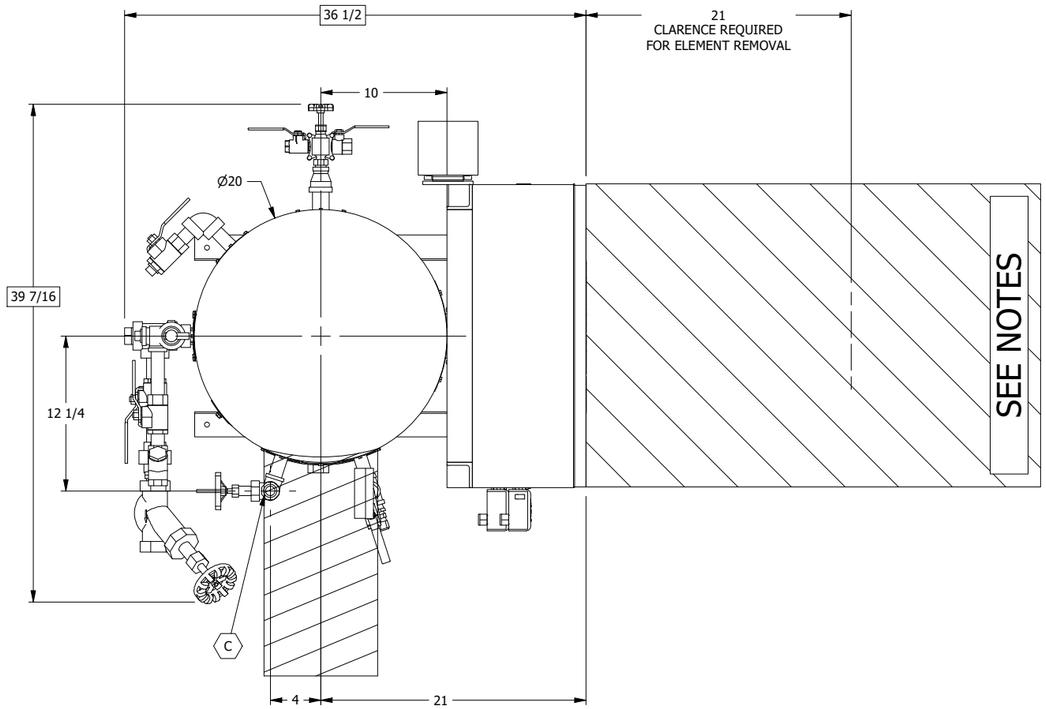
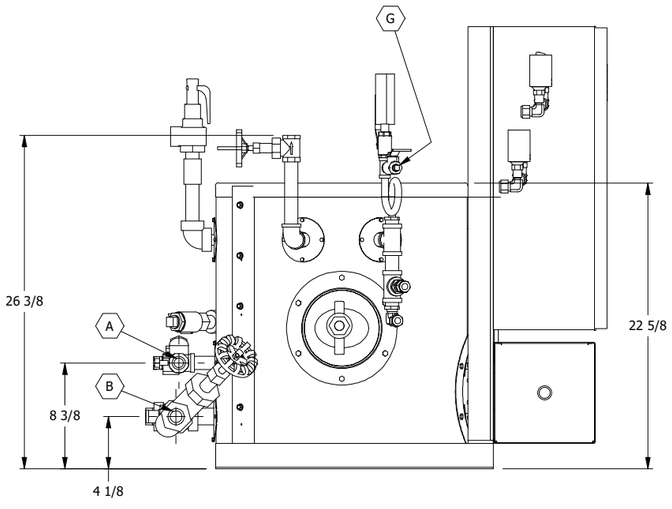
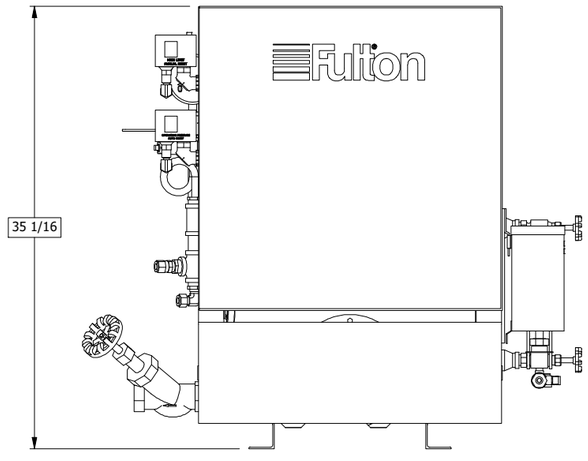


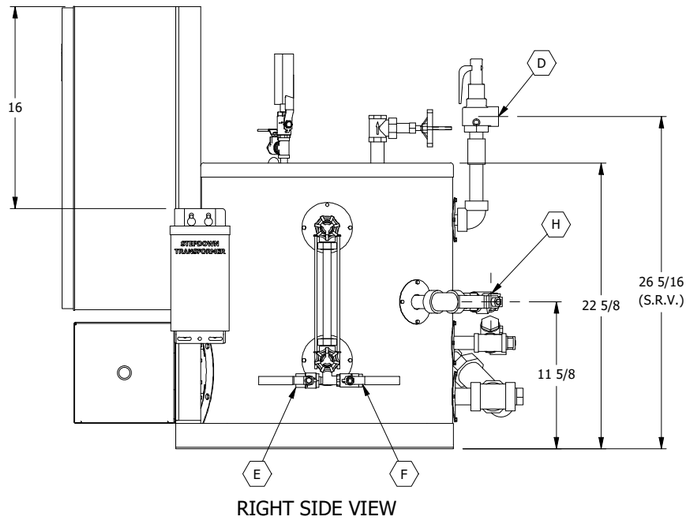
TOP VIEW



LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW

ELECTRICAL REQUIREMENTS	
VOLTAGE	FLA
240V/60/3	40
480V/60/3	20
575V/60/3	17

OPERATING FULL LOAD AMPERAGE (FLA) REFERS TO THE BOILERS RATED CURRENT DRAW AT FULL INPUT. FLA MAY VARY WHEN ADDITIONAL CONTROL OPTIONS ARE ADDED.

CUSTOMER CONNECTIONS				
ITEM	DESCRIPTION	SIZE	TYPE	SHIPPED LOOSE
A	FEEDWATER INLET	3/4"	N.P.T.	
B	BLOWDOWN OUTLET	1"	N.P.T.	
C	STEAM OUTLET **	3/4"	N.P.T.	
D	SAFETY RELIEF VALVE **	3/4"	N.P.T.	*
E	WATER SAMPLE PORT	1/4"	N.P.T.	*
F	SIGHTGLASS DRAIN	1/4"	N.P.T.	*
G	STEAM SAMPLE PORT	1/4"	N.P.T.	
H	SURFACE BLOWDOWN	3/4"	N.P.T.	

EQUIPMENT SPECIFICATION CHART	
FUEL TYPE:	ELECTRIC
MAX ALLOWABLE WORKING PRESSURE:	150 PSI
BOILER INPUT:	15 KW
BOILER OUTPUT:	51,000 BTU/HR
STEAM OUTPUT/MIN. SRV CAPACITY:	53 LBS/HR
WATER CAPACITY (OPERATING):	6
WATER CAPACITY (FLOODED):	13
APPROXIMATE SHIPPING WEIGHT:	550 LBS.
APPROXIMATE OPERATING WEIGHT:	598 LBS.
APPROXIMATE FLOODED WEIGHT:	658 LBS.
NUMBER OF ELEMENTS:	(1) 15KW

NOTES:
1. STEAM OUTPUT LB/HR: FROM 0 PSIG AT 212°F (0 KG/CM AT 100°C)
2. DUE TO POWER RATINGS, COMPONENT SIZES, TYPES, QUANTITIES, ETC... PANEL BOX SIZE MAY VARY FROM WHAT IS SHOWN. ALL PRECUT OPENINGS IN PANEL BOX THAT ARE UNUSED WILL BE PLUGGED.
3. COMPONENTS IN TRIM KIT TO BE SHIPPED SEPARATELY.
4. WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS AND/OR DIMENSIONS.
5. DIMENSIONS INSIDE ( ) DENOTE REFERENCE DIMENSIONS.
6. DIMENSIONS INSIDE □ DENOTE OVERALL DIMENSIONS.
7. ** SIZE DEPENDS ON TRIM PRESSURE.
8. FULTON RECOMMENDS 36" CLEARANCE FOR PANEL BOXES AND 18" CLEARANCE OF HANDHOLES.
9. **OVERALL BOILER AND PANEL BOX SIZE VARIES BASED ON TRIM OPTIONS.**

REV	REVISION DESCRIPTION	B.O.M.	ELEC. ENG.	MECH. ENG	CHECKED	APPROVED
A	UPDATED BOILER OUTPUT & STEAM OUTPUT ON SPECIFICATION CHART J. SHEPARD 4/19/2021					E.B.W. 11/10/21

REVISION HISTORY

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES
TOLERANCES
FRACTION & WHOLE VALUE ± 1/8
(1) PLACE DEC. ± 0.03
(2) PLACE DEC. ± 0.015
(3) PLACE DEC. ± 0.005
ANGLE ± 0.5 DEG
SURFACE FINISH 250 MICRO-INCHES

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

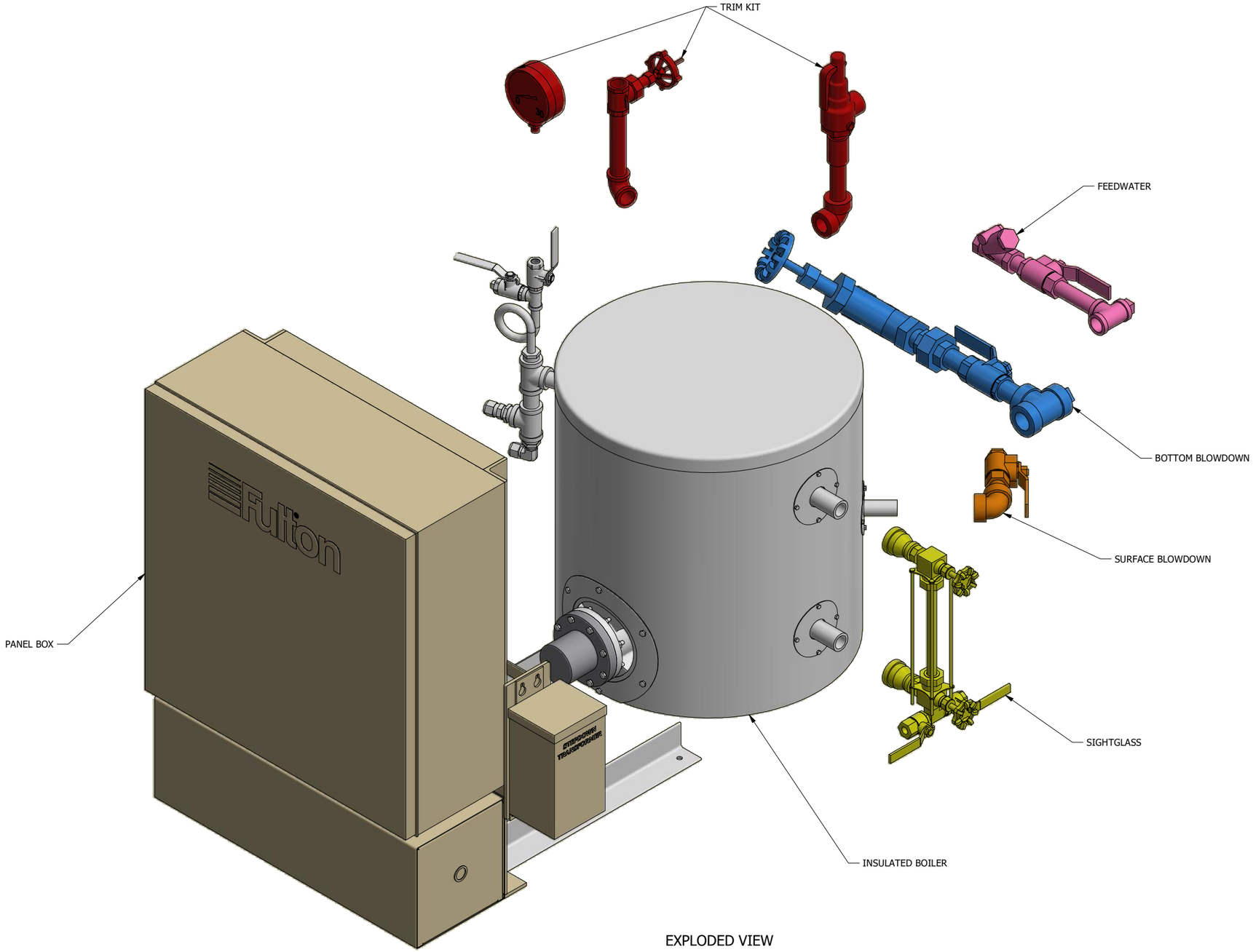
THIRD ANGLE PROJECTION

DRAWN BY: A. SHROCK 9/11/2020	MECHANICAL REVIEW:	JOB NUMBER:	DESCRIPTION: 15 KW (1.5 HP) SECTION I, HIGH PRESSURE ELECTRIC BOILER END ASSEMBLY
CHECKED BY:	ELECTRICAL REVIEW:	PROJECT NAME:	
B.O.M. REVIEW:	APPROVED BY: E.B.W. 9/22/2020	PROJECT MANAGER:	SHEET 1 OF 2

Fulton Steam Solutions, Inc.

DRAWING NUMBER 6-91-BE0151 - PDS

REVISION A



EXPLODED VIEW

NOTES:
1. CUSTOMERS MAY REFER TO ORDER FORM FOR THE LIST OF FEATURES AND OPTIONS RELEVANT TO THEIR CONFIGURATION.

REV	REVISION DESCRIPTION	B.O.M.	ELEC. ENG.	MECH. ENG	CHECKED	APPROVED
A	UPDATED BOILER OUTPUT & STEAM OUTPUT ON SPECIFICATION CHART J. SHEPARD 4/19/2021					E.B.W. 11/10/21

REVISION HISTORY

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES
TOLERANCES
FRACTION & WHOLE VALUE ± 1/8
(1) PLACE DEC. ± 0.03
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SURFACE FINISH 250 MICRO-INCHES

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THIRD ANGLE PROJECTION

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CHECKED BY:	ELECTRICAL REVIEW:	PROJECT NAME:	
B.O.M. REVIEW:	APPROVED BY: E.B.W. 9/22/2020	PROJECT MANAGER:	SHEET 2 OF 2

Fulton Steam Solutions, Inc.

DRAWING NUMBER 6-91-BE0151 - PDS

REVISION A