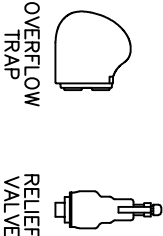
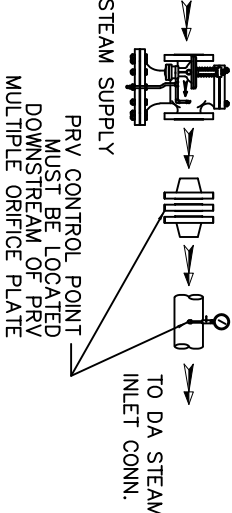


ITEMS TO SHIP LOOSE

STEAM INLET PRV W/NOISE SUPPRESSION
(IF REQUIRED)

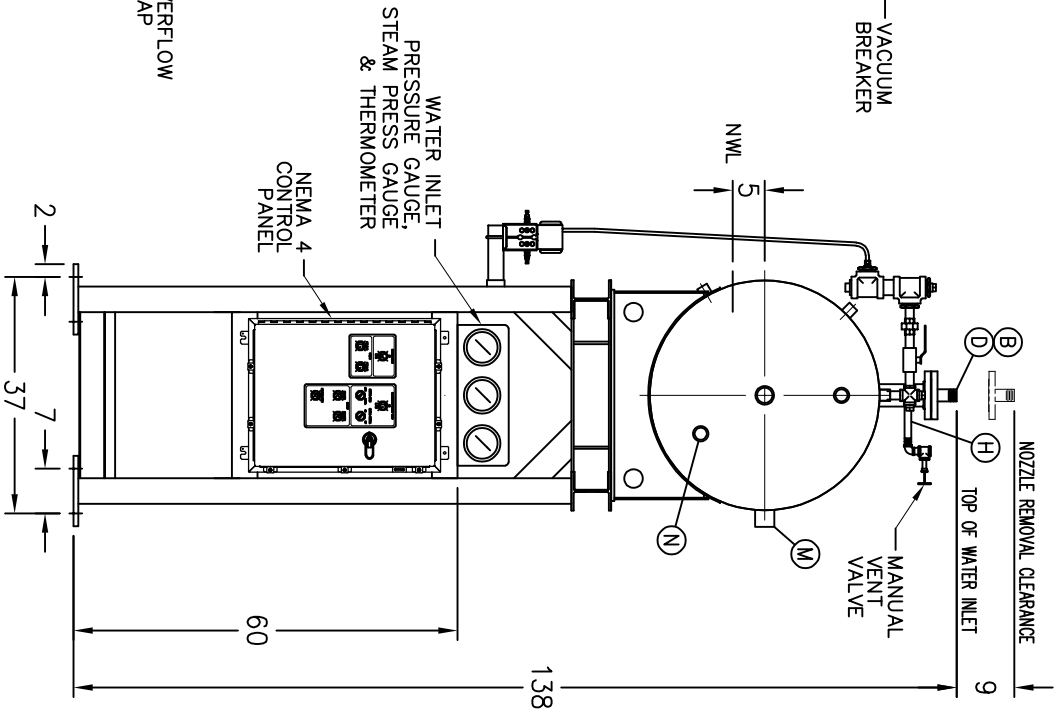
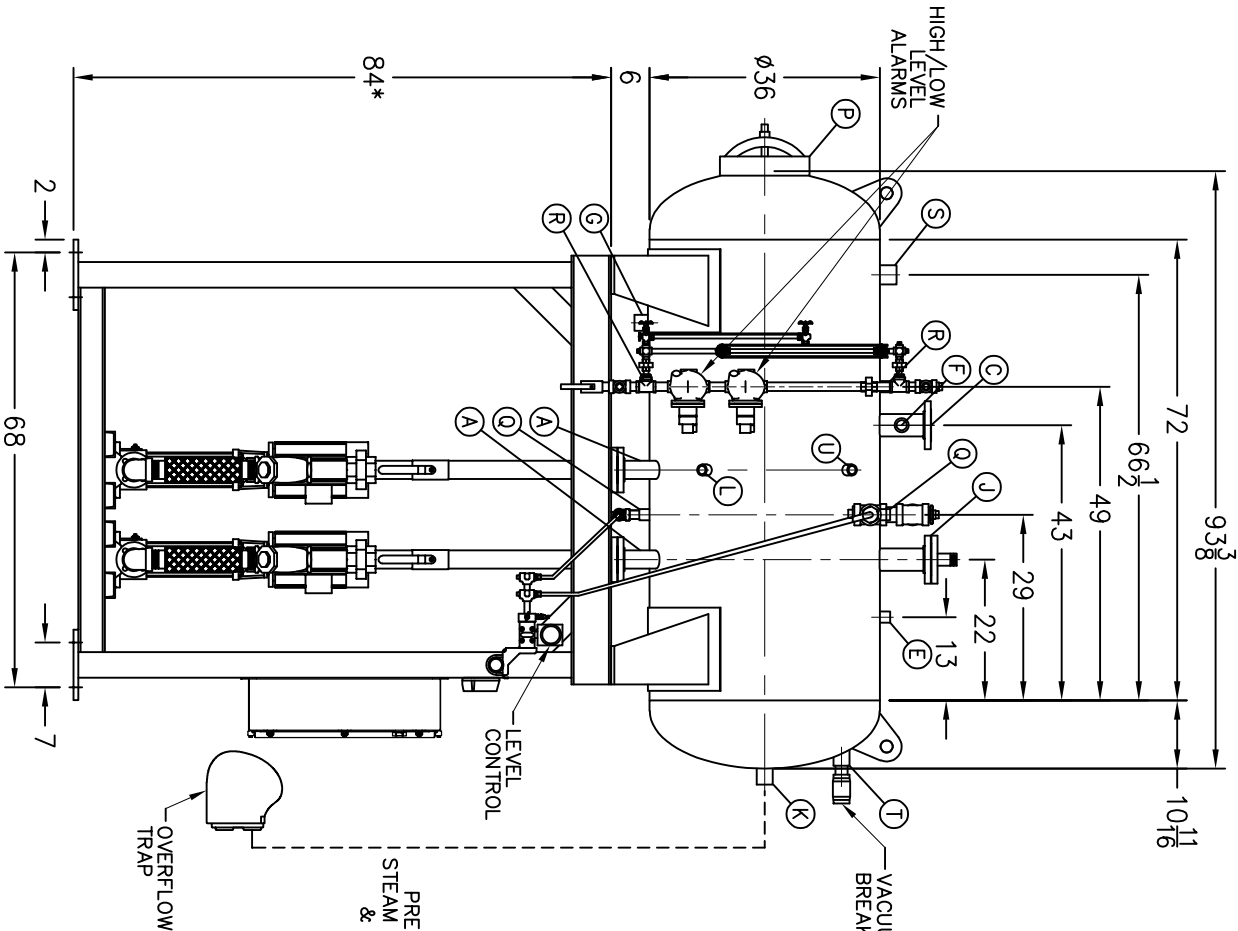
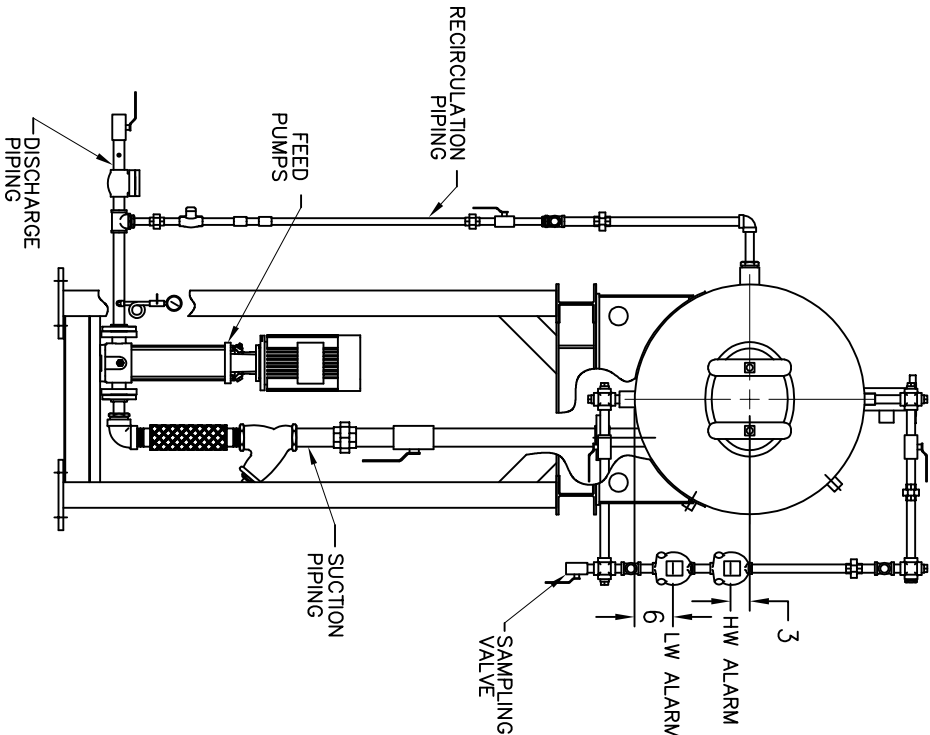


- D LOW TEMP. RETURN (<80 °F)
- E MEDIUM TEMP. RETURN (180–227 °F)
- F HIGH TEMP. RETURN (>227 °F)

* STAND HEIGHT SUBJECT TO PUMP NPSH REQUIREMENTS
PUMPS SIZED TO SPECIFIC JOB REQUIREMENTS.
ALL COMPONENTS CONTINGENT UPON FINAL ENGINEERING.
PANEL SIZE MAY VARY DEPENDING ON JOB REQUIREMENTS

DEAERATOR TANK CONNECTIONS

- A. (2) PUMP SUCTION 2 1/2 FLG. IN.
- B. (1) WATER INLET 1 1/2 IN.
- C. (1) STEAM INLET 3 FLG. IN.
- D. (1) LOW TEMP. RETURN 1 1/2 IN.
- E. (1) MED TEMP RETURN 1 IN.
- F. (1) HI TEMP RETURN 1 1/4 IN.
- G. (1) DRAIN 1 1/2 IN.
- H. (1) MANUAL VENT 3/4 IN.
- J. (1) VENT CONDENSOR 3 FLG. IN.
- K. (1) OVERFLOW 2 IN.
- L. (1) THERMOMETER 1 IN.
- M. (1) RECIRCULATION 2 IN.
- N. (1) CHEMICAL FEED 1 1/2 IN.
- P. (1) MANWAY 12 X 16 IN.
- Q. (2) LEVEL CONTROLS 1 IN.
- R. (2) LEVEL ALARMS 1 IN.
- S. (1) RELIEF VALVE 2 IN.
- T. (1) VACUUM BREAKER 1 1/2 IN.
- U. (1) AUX. CONNECTION 1 IN.



RATING & CAPACITIES		LTR.	DATE	REVISIONS		BY
DA TYPE _____						
CAPACITY _____						
DA SECTION CAPACITY _____						
DA STORAGE CAPACITY _____						
DESIGN PRESSURE _____						
DESIGN TEMP. _____						
DEAERATION _____						
OPERATING PRESSURE _____						
DRY WEIGHT. _____						
OPERATING WEIGHT. _____						
FLOODED WEIGHT. _____						
THE ABOVE WEIGHTS DO NOT INCLUDE PUMPS, TRIM OR CONTROL PANEL.						
SHIPPING WEIGHT _____						
TANK (EMPTY) _____						
STAND/PUMPS _____						

NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.

2. SPECIFICATION SHEET TAKES PRIORITY OVER DRAWING.

3. ALL DIMENSIONS ARE ±1" UNLESS OTHERWISE NOTED.

4. DA TANK DESIGN CODE ASME SECTION VIII, DIV 1

5. DEAERATE ALL LOADS FROM 3%TO 100% OF RATED OUTLET CAPACITY

6. ELIMINATE TITRATABLE FREE CARBON DIOXIDE TO 0.

7. CORROSION ALLOWANCE 1/16"

8. TANK SEPARATED FROM STAND FOR SHIPMENT.

9. SUPERIOR BOILER, INC. RESERVES THE RIGHT TO FURNISH TRIM SHOWN OR AN EQUAL SUBSTITUTE AS DETERMINED BY SB.

DRAWING NAME

DEAERATOR, SPRAY

MODEL NO:

SS009D155–125

SIZE:

180 GALLONS

SCALE

1/30

DRAWING No

CONNECTIONS NPT UNLESS NOTED, FLANGES 150# UNLESS NOTED)