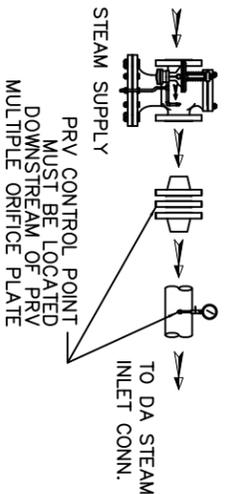


ITEMS TO SHIP LOOSE

STEAM INLET PRV w/NOISE SUPPRESSION  
(IF REQUIRED)

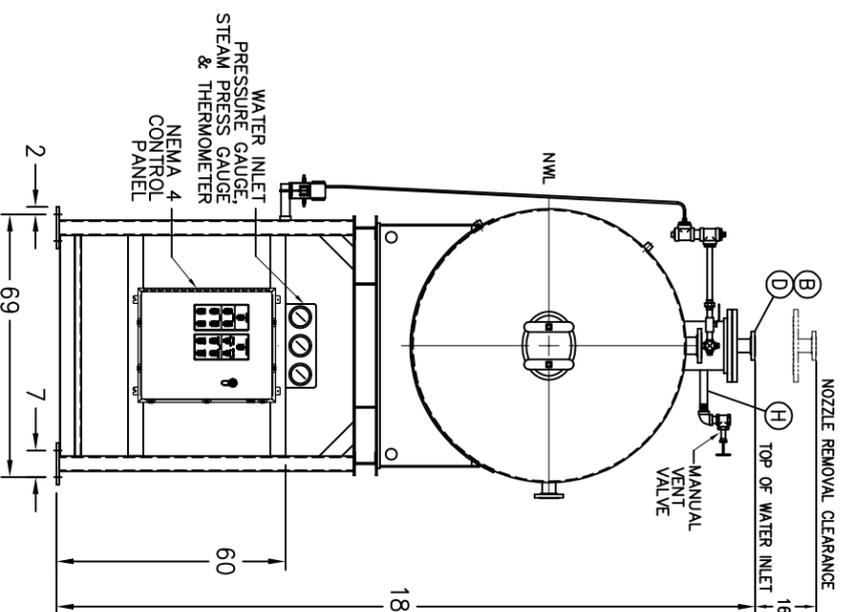
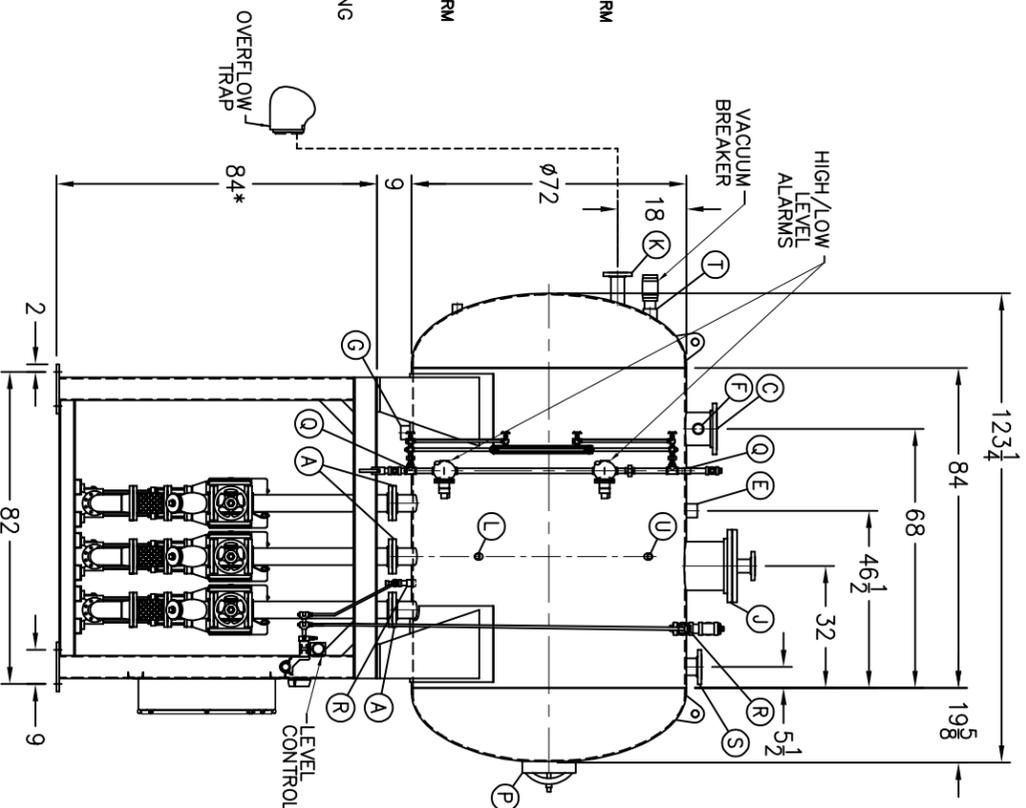
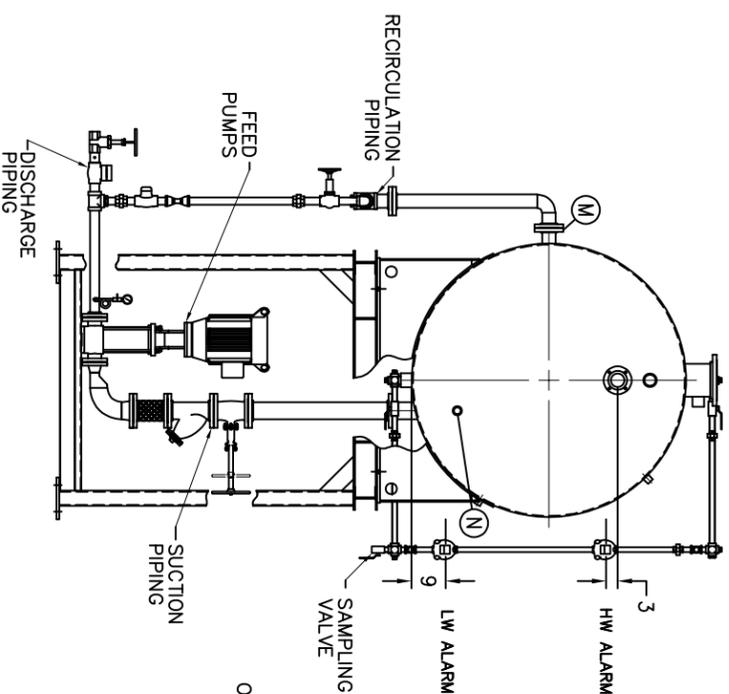


- (D) LOW TEMP. RETURN (<180 °F)
- (E) MEDIUM TEMP. RETURN (180-227 °F)
- (F) HIGH TEMP. RETURN (>227 °F)

\* 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. (3) PUMP SUCTION \_\_\_\_\_ 4 FLG. IN.
- B. (1) WATER INLET \_\_\_\_\_ 3 FLG. IN.
- C. (1) STEAM INLET \_\_\_\_\_ 8 FLG. IN.
- D. (1) LOW TEMP. RETURN \_\_\_\_\_ 3 FLG. IN.
- E. (1) MED TEMP RETURN \_\_\_\_\_ 2 1/2 IN.
- F. (1) HI TEMP RETURN \_\_\_\_\_ 2 IN.
- G. (1) DRAIN \_\_\_\_\_ 2 1/2 IN.
- H. (1) MANUAL VENT \_\_\_\_\_ 1 1/2 IN.
- J. (1) VENT CONDENSOR \_\_\_\_\_ 12 FLG. IN.
- K. (1) OVERFLOW \_\_\_\_\_ 3 FLG. IN.
- L. (1) THERMOMETER \_\_\_\_\_ 1 IN.
- M. (1) RECIRCULATION \_\_\_\_\_ 3 FLG. 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 1/2 IN.
- S. (1) RELIEF VALVE \_\_\_\_\_ 4 FLG. IN.
- T. (1) VACUUM BREAKER \_\_\_\_\_ 2 1/2 IN.
- U. (1) AUX. CONNECTION \_\_\_\_\_ 1 IN.



RATING & CAPACITIES

DA TYPE \_\_\_\_\_ SPRAY  
 CAPACITY \_\_\_\_\_ 70,000 LBS./HR  
 DA SECTION CAPACITY \_\_\_\_\_ 1,450 GALS.  
 DA STORAGE CAPACITY \_\_\_\_\_ 10 MINUTES MIN.  
 DESIGN PRESSURE \_\_\_\_\_ 50 PSIG STEAM  
 DESIGN TEMP. \_\_\_\_\_ 400° F  
 DEAERATION \_\_\_\_\_ .005 CC/LITER  
 OPERATING PRESSURE \_\_\_\_\_ 5 PSIG  
 DRY WEIGHT \_\_\_\_\_ 6,335 LBS  
 OPERATING WEIGHT \_\_\_\_\_ 14,209 LBS  
 FLOODED WEIGHT \_\_\_\_\_ 19,127 LBS  
 THE ABOVE WEIGHTS DO NOT INCLUDE PUMPS, TRIM OR CONTROL PANEL.  
 SHIPPING WEIGHT \_\_\_\_\_

TANK (EMPTY) \_\_\_\_\_ 4,754 LBS.  
 STAND/PUMPS \_\_\_\_\_ 8,900 LBS.

LTR. \_\_\_\_\_ DATE \_\_\_\_\_

REVISIONS \_\_\_\_\_

BY \_\_\_\_\_

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.

THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER AND SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, AND NONE OF ITS INFORMATION SHALL BE REVEALED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER, IT MUST BE RETURNED UPON REQUEST.

SOLD TO: \_\_\_\_\_ SB

JOB: \_\_\_\_\_ SB

DRAWN BY: \_\_\_\_\_ DATE \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ DATE \_\_\_\_\_

DRAWING NAME  
DEAERATOR, SPRAY

MODEL NO: SS070T155-125

SIZE: 1,450 GALLONS

SCALE 1/48 DRAWING No \_\_\_\_\_

