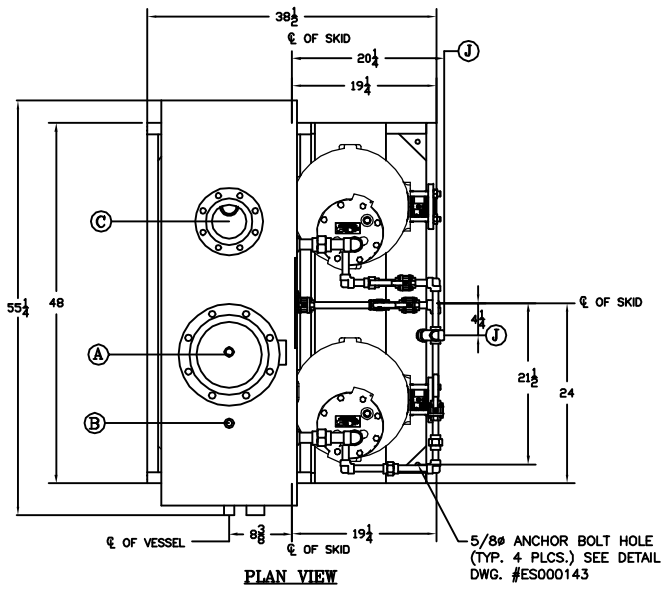
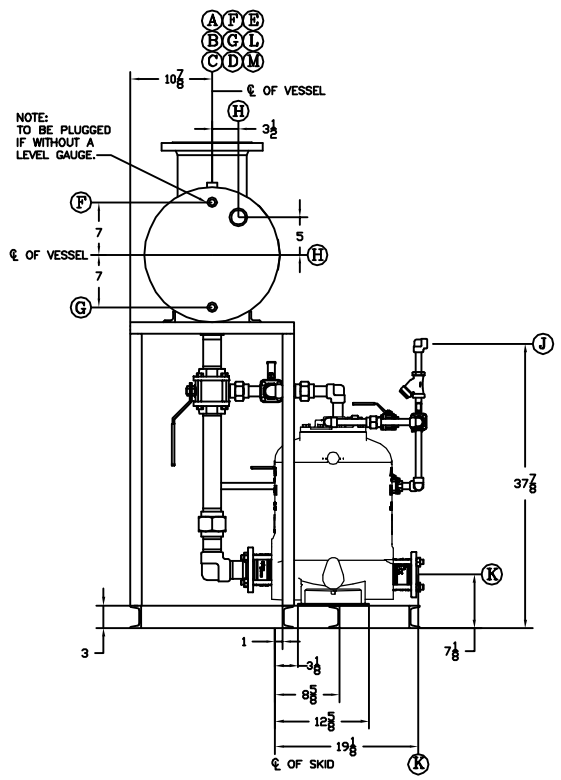
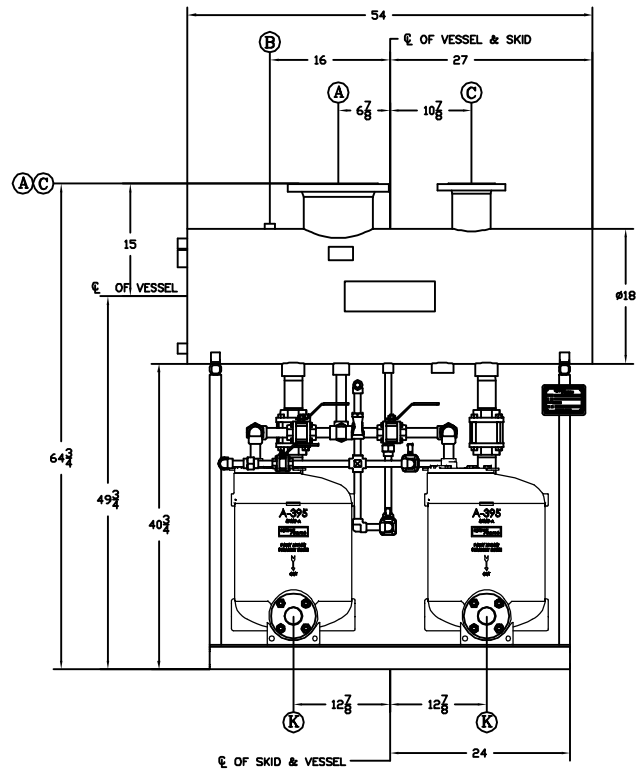


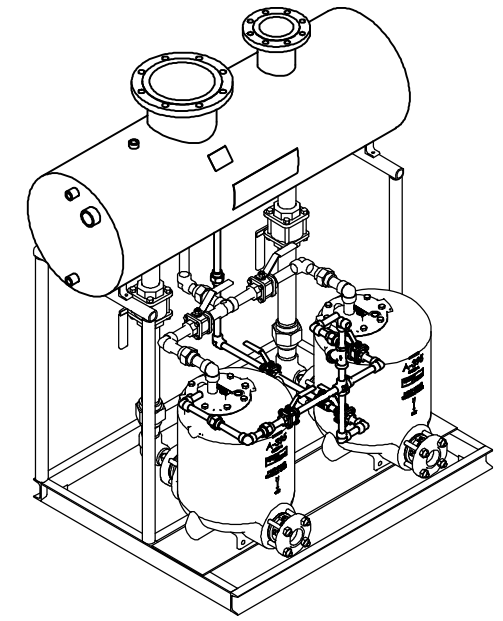
PLAN VIEW



LEFT SIDE VIEW



FRONT VIEW



VIEW A-A

NOTES: TYPE:
PUMPS (PTC)

1. HYDROTEST PRESSURE = 15 psig.
2. RECEIVER PMO = 0 psig @ 300°F SIZED FOR FLASH STEAM RATES OF UP TO 2000 LB/HR.
3. OVERFLOW CONNECTION ON RECEIVER SHOULD BE PIPED WITH A LOOP SEAL AND VISIBLE DISCHARGE.
4. UNIT IS NOT DESIGNED TO WITHSTAND NOZZLE LOADING OR TO SUPPORT SPANS OF PIPE.
5. UNIT MUST BE ANCHORED TO FLOOR.
6. 1/2" MOTIVE & 1" EXHAUST IS NOT INCLUDED IN STANDARD PACKAGE & IS OFFERED OPTION #ES000207.

OPTIONAL CAPACITY DATA:
UNIT SHALL HAVE THE CAPACITY TO DISCHARGE _____LBS./HR OF CONDENSATE @_____PSIG WITH BACK PRESSURE OF_____PSIG USING MOTIVE (STEAM)(AIR) @_____PSIG.

APPROX. WT. = 1,150 LBS.

CONNECTION SCHEDULE

No.	SIZE	FUNCTION	DESCRIPTION
A	8"	RECEIVER VENT	ANSI 150 RF
B	1/2"	PRESSURE GAUGE CONNECTION	NPT (PLUGGED)
C	4"	CONDENSATE INLET	ANSI 150 RF
D	1"	EXHAUST INLET	NPT
E	1/2"	MOTIVE DRIP INLET	NPT
F	1/2"	LEVEL GAUGE CONNECTION	NPT (PLUGGED)
G	1/2"	LEVEL GAUGE CONNECTION	NPT (PLUGGED)
H	1 1/2"	OVERFLOW CONNECTION	NPT (PLUGGED)
J	1/2"	MOTIVE INLET	NPT
K	2"	CONDENSATE OUTLET	NPT
L	1 1/2"	DRAIN	NPT (PLUGGED)
M	2"	CONDENSATE OUTLET	NPT

OPTIONS:

- ☐ PUMP GAUGE GLASS
- ☐ RECEIVER GAUGE GLASS
- ☐ RECEIVER INSULATION
- ☐ PUMP INLET STRAINER
- ☐ PUMP OUTLET VALVE
- ☐ PUMP DRAIN
- ☐ PRESSURE GAUGE
- ☐ OVERFLOW
- ☐ MOTIVE & EXHAUST PIPING
- ☐ PUMP INSULATION

APPROVED FOR CONSTRUCTION WHEN SIGNED AND DATED BELOW BY CLIENT, PURCHASER OR AGENT:

APPROVED_____ DATE:_____

CERTIFIED FOR CONSTRUCTION WHEN SIGNED AND DATED BELOW BY:
SPIRAX SARCO INC.

CERTIFIED:_____ DATE:_____

THIS DRAWING AND INFORMATION THEREON ARE THE PROPERTY OF: SPIRAX SARCO ENGINEERED SYSTEMS BLYTHEWOOD SC AND SHALL NOT BE USED OR DISCLOSED, EXCEPT IN ACCORDANCE WITH WRITTEN PERMISSION OF: SPIRAX SARCO ENGINEERED SYSTEMS

SUBMITTAL

DWG. SIZE B

TOLERANCE: ±1/4" ALL DIMENSIONS ARE SHOWN IN INCHES

SIGNATURES	DATE
DESIGN	
CHK	
APP	

HVB7

ENGINEERED SYSTEMS DEPARTMENT
spirax sarco
BLYTHEWOOD SC
803-714-2000 FAX 803-714-2218

TITLE GENERAL ARRANGEMENT:
PTC DUPLEX PUMP PKG W/ SS
W/ MOTIVE & EXHAUST OPTION NO: ES000207

CUST. X

P.O. NO. X | SCALE NTS

DWG. NO. SES000132 | REV 8

SSI-1604-00

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