



- NOTES:
1. HYDROTEST PRESSURE = 15 psig (PTC)
  2. RECEIVER PMO = 0 psig @ 500°F SIZED FOR FLASH STEAM RATES OF UP TO 1150 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 #ES000201.

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. = 770 LBS.

CONNECTION SCHEDULE			
No.	SIZE	FUNCTION	DESCRIPTION
A	6"	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	3"	CONDENSATE OUTLET	ANSI 150 RF

- OPTIONS:
- |   |  |
|---|--|
| <input type="checkbox"/> PUMP GAUGE GLASS     | <input type="checkbox"/> PUMP DRAIN              |
| <input type="checkbox"/> RECEIVER GAUGE GLASS | <input type="checkbox"/> PRESSURE GAUGE          |
| <input type="checkbox"/> RECEIVER INSULATION  | <input type="checkbox"/> OVERFLOW                |
| <input type="checkbox"/> PUMP INLET STRAINER  | <input type="checkbox"/> MOTIVE & EXHAUST PIPING |
| <input type="checkbox"/> PUMP OUTLET VALVE    | <input type="checkbox"/> 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: \_\_\_\_\_

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

DESIGN: JC  
 CHK: APP  
 DATE: \_\_\_\_\_  
 HVB4

ENGINEERED SYSTEMS DEPARTMENT  
**Spirax Sarco**  
 BLYTHEWOOD SC  
 803-714-2000 FAX 803-714-2218

TITLE: GENERAL ARRANGEMENT  
 PTC SIMPLEX PUMP PKG W/ SS W/ MOTIVE & EXHAUST OPTION NO: ES000201  
 DWG. NO.: SES000111  
 REV: 8