FORBES MULTI VALVE PRESSURE POWERED PUMP PACKAGED UNIT **MV 55** MARSHALL



PRECAUTIONS

- 1. Do not allow the motive(Steam/Air) pressure to fluctuate.
- 2. Do not install crooked discharge line.
- 3. The discharge line should never be smaller than bore of the outlet check valve.
- 4. If the condensate discharge line is more than 100 mtrs long then it should be properly sized to handle the quantity of condensate. For more details please contact Forbes Marshall .
- 5. Do not close the exhaust and vent pipe under any circumstances
- 6. If the pump is supplied with Flash Vessel allow the condensate to flow by gravity from flash vessel trap outlet to condensate inlet of pump receiver.

Motive Inlet Pressure	Back Pressure	Capacity Motive Fluid - Steam	Capacity Motive Fluid - Air
barg	barg	kg/hr	kg/hr
7.00	1.0Ŏ	10548	**
7.00	2.00	7960	**
7.00	3.00	6119	**
7.00	4.00	5048	**
6.00	1.00	8358	10556
6.00	2.00	6870	7896
6.00	3.00	5480	5587
6.00	4.00	3583	4118
5.00	1.00	7997	10690
5.00	2.00	6006	7410
5.00	3.00	4983	5099
4.00	0.50	8429	11136
4.00	1.00	7437	9586
4.00	2.00	4649	6806
3.00	0.50	7379	10723
3.00	1.00	6039	9498

CAPACITY CHART

7. If you have to connect more than one pump to common condensate return header please refer below figure.



* NRV :SIZE EQUAL TO PUMP OUTLETSIZE

8. Ensure there is no additional pressurised lines or any discharge from centrifugal pump is connected to the discharge line which could cause increase in back pressure

Condensate temperature 80 deg C

when using Air as a motive inlet use 15NB line, with steam as a motive use 50NB line