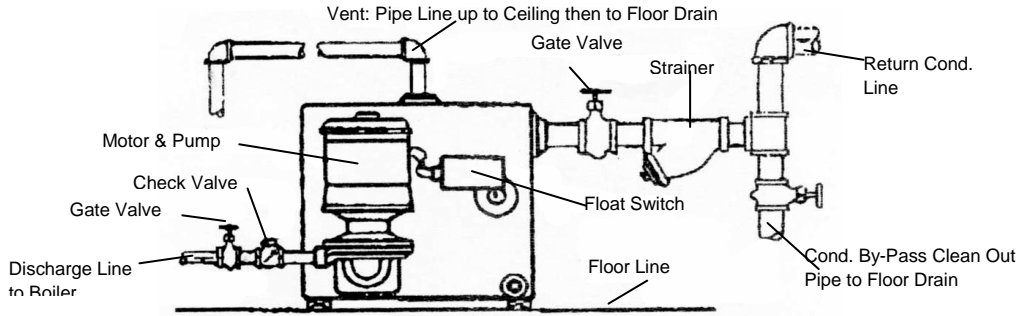


# Sizing a Condensate Return Package



1. Pump GPM required (with 3:1 safety factor) \_\_\_\_\_

2. Determine pump discharge

Friction loss of pipe (psi) \_\_\_\_\_

Vertical lift (psi) \_\_\_\_\_ (2.31' lift = 1 psi)

If pumping into a pressurized line (add pressure of line) \_\_\_\_\_

Add 5 psi safety factor \_\_\_\_\_

Total (psi) \_\_\_\_\_

3. Standard packages rated to pump up to 200°F condensate

Temperature of condensate \_\_\_\_\_

4. Motor voltage and phase \_\_\_\_\_

5. Material of receiver:  Steel  Cast Iron  Stainless Steel

6. Motor enclosure:  ODP  TEFC (consult factory)  Explosion Proof (consult factory)

7. Is a control panel needed:  Yes  No

NEMA rating required:  NEMA 12  NEMA 4 (consult factory)

8. Type of alternator on a duplex:  Mechanical  Electric

## Condensate Return Schedule

Model No. \_\_\_\_\_

Capacity: \_\_\_\_\_ GPM at \_\_\_\_\_ PSIG  
 \_\_\_\_\_ HP, \_\_\_\_\_ RPM

Receiver: \_\_\_\_\_ gallons

Current: \_\_\_\_\_ phase, 60 cycles, \_\_\_\_\_ volts

Options included on package: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_