

VAPS AUTO DRAIN

Zero Loss Auto Drain

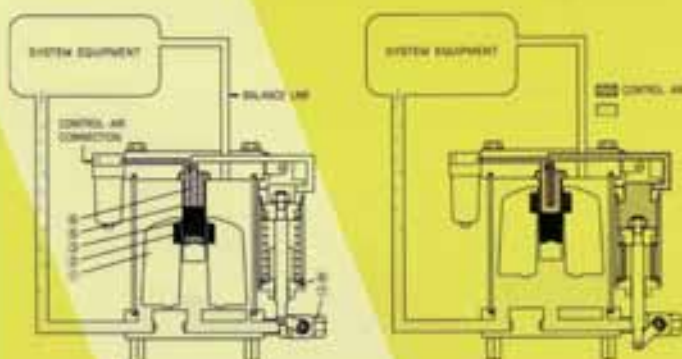
Model KAT 1000

Advantages

- Zero Air Loss
- Easy Maintenance
- Low Maintenance
- Large Discharge Outlet
- Able to see the condensate level
- No Power Required
- Simple Operations



OPERATION PRINCIPLE AND STRUCTURE



INSTALLATION & OPERATION

Connect the condensate outlet to the inlet of the Autodrain located at the bottom through a Strainer as per diagram. Remember to install a return line to prevent Air Lock.

As the condensate fills up the chamber, the float will start to rise. On the float there is a magnet which when lifted to a predetermined level will activate a counter magnet which is located in the center shaft. The counter magnet will activate a pneumatic valve to open and lift a pneumatic cylinder that will open a discharge valve. The pressure from the compressed air will push the condensate out through the discharge outlet.

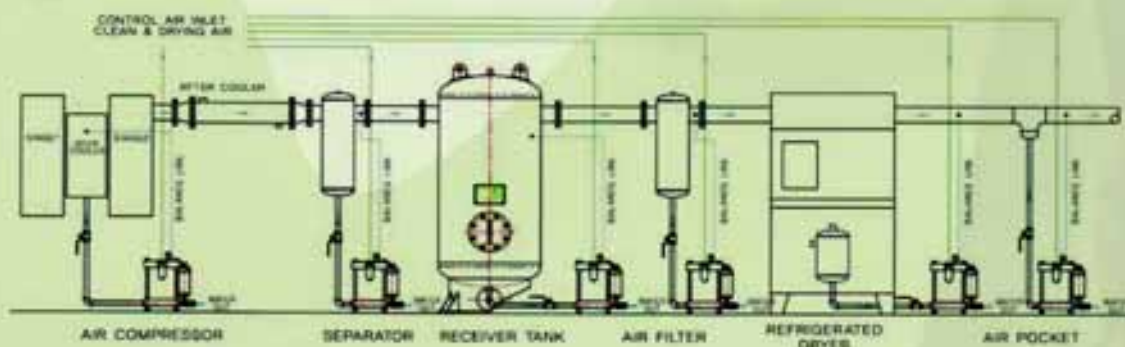
And when the water level drops, the float will drop and thus activating the counter magnet again which will close the valve and thus the discharge outlet is automatically closed again. Since the water level is always higher than the discharge outlet, there will be no Air Losses.

TECHNICAL SPECIFICATION

| SPECIFICATIONS | KAT 1000 | KAT 2000 | Unit |
|-----------------|----------|----------|--------------------|
| MAX LIQUID TEMP | 75 | 75 | °C |
| MAX. PRESSURE | 9.9 | 9.9 | kg/cm ² |
| CAPACITY | 250 | 660 | liter/hr |
| AIR COMP | 800 | 2000 | HP |



PROPOSED INSTALLATION LOCATION



Due to our continuous improvement policy, specification may differ from the above.