HYDROPLEX
High Pressure Pump, Valve, and System Specialists

Application Information

VAPOR RECOVERY UNIT

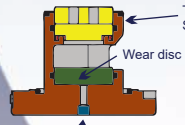
A Vapor Recovery Unit (VRU) is designed to remove and recover valued vapors present in crude oil or distillate tanks allowing operators to comply with prevailing emission regulations. VRU systems can be employed in a wide range of process industries with several design variants available..

HYDROPLEX CSX

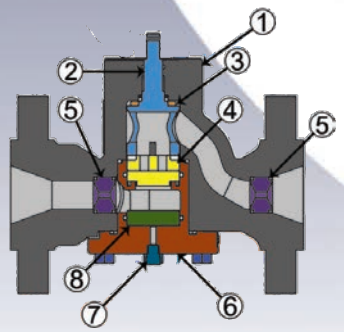
MODEL CSX
2" 150# RF FLANGES
THROTTLING VALVE
WITH ELECTRIC ACTUATOR*

*Also available with pneumatic actuator

Internal Cartridge Assembly



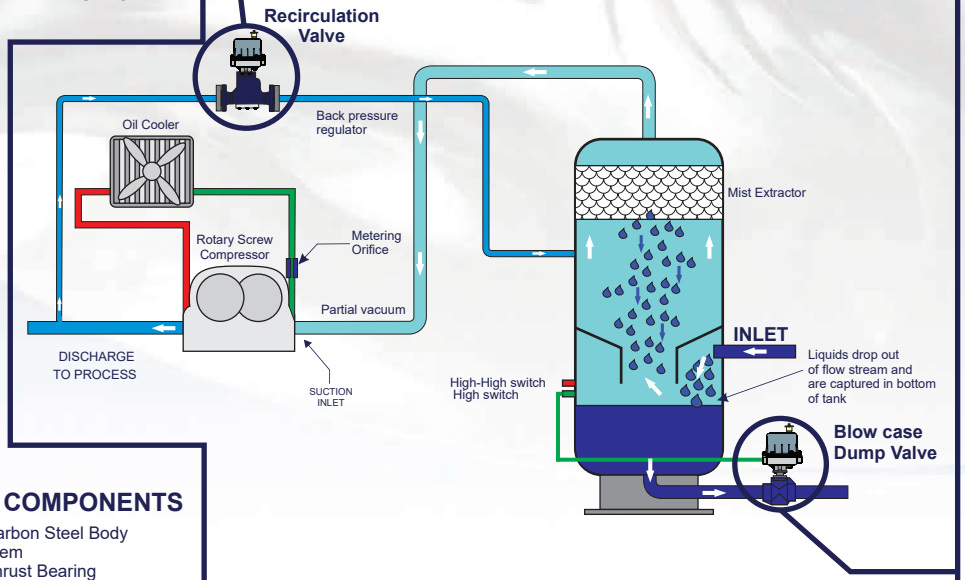
MAJOR COMPONENTS



1. Carbon Steel Body
2. Stem
3. Thrust Bearing
4. Tungsten Control Disc
5. Positive Bean (Optional)
6. Carbon Steel Cartridge
7. 1/4" Threaded Port for Pressure Sensor or Gauge
8. Wear Disc

How A Vapor Recovery Unit Works

The primary function of a VRU system is to remove the vapors that collect inside sealed hydrocarbon tanks. The recovery unit does this by separating the gas and hydrocarbons, compressing gas and discharge of lquids.



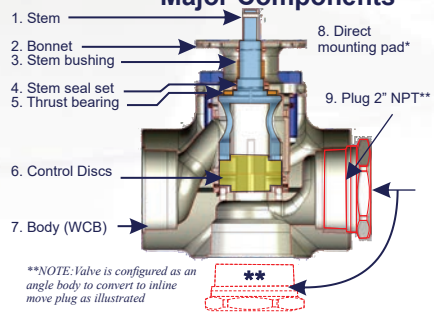
HYDROPLEX MINIMAX

MODEL MINIMAX
2" NPT THREADED
THROTTLING VALVE
WITH ELECTRIC ACTUATOR*

*Also available with pneumatic actuator,

Internal Cartridge Assembly

Major Components



**NOTE:Valve is configured as an angle body to convert to inline move plug as illustrated

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Benefits Of Installing A Hydroplex Valve

- **Precise Control** with "Direct Mount" Actuation, no brackets, linkage or adapters
- Superior **Resolution and Accuracy** with 90 Degree Rotary Twin Disc trim
- **Twin Disc Design** separates control and sealing surfaces for longer useful life
- **Robust Stem and Seal** design integration provides for hundreds of thousands of cycles
- Solid **Tungsten Carbide Trim** minimizes seal and control surface wear
- Ease of maintenance with the **Internal Cartridge Assembly**