## Pump Gauges - Discuss what each gauge is for

- · Master intake Incoming pressure or vacuum when drafting
- Master discharge highest outgoing pressure
- Line specific to line charged (can be lower than master)
- The master intake gauge and the master discharge gauge are typically the biggest gauges on the pump panel
- Line gauges are smaller and usually located above a discharge handle

## Intake valves

- Piston intake relief valve connection point for incoming water supply. Relief pressure set at 175 pounds; discuss the importance of the bleeder valve remaining in the open position when water is initially being supplied to the pump.
- NOTE: the bleeder valve on the Piston Intake Relief Valve should always be in the open position when the valve is not in use
- There will be a significant amount of air that will exit the bleeder prior to water do not open the main intake valve until all the air is drained and water exits the bleeder. This will prevent the pump from becoming air bound.
- All piston intake relief valves are located on the driver side pump panel
- NOTE: tower one has 2 piston intake relief valve; 1 on either side of the truck Why?

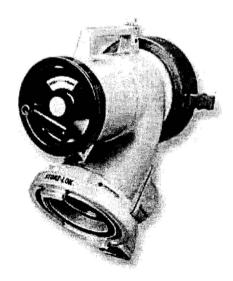


Figure 3