Refrigeration systems exposed to varying heat loads, or systems utilizing a condenser flooding valve to maintain a minimum head pressure during low ambient temperatures, will need a “receiver” to store excess refrigerant. The Receiver - receives & stores high temperature liquid refrigerant from the condenser.

The Non-Adjustable Head Pressure Control Valve performs the function of limiting the flow of liquid refrigerant from the condenser and at the same time regulates the flow of hot gas around the condenser to the receiver. The Adjustable Head Pressure Control Valve is an inlet pressure regulating valve and responds to changes in condensing pressure only. Check Valves prevent reverse flow from the receiver to the compressor’s discharge line during the off cycle.

Have more questions?
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