

Flooded Condenser with Heated Receiver and Head Pressure Control (-20°F)

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Heated Receivers

Installed - Heated Receivers

Replaceable Filter-Drier Block and filter



From Discharge

Head Pressure Control Valve (Non-Adjustable)

From the Condenser

Installed - Head Pressure Control Valve (non-adjustable for smaller chillers)

To the Receiver

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.



Check Valves

Head Pressure Control Valve (Adjustable)

Installed - Head Pressure Control Valve (adjustable for larger chillers)

Have more questions?

Call or Email: support@legacychillers.com