## Flooded Condenser with Receiver and Head Pressure Control (0°F)

**Relief Valve** 

Receiver

Service

Service Valve

From the

Condenser

Valve



**J&M Fluidics, Inc.** 851 Tech Drive Telford, PA 18969



Installed - Receiver

From Discharge

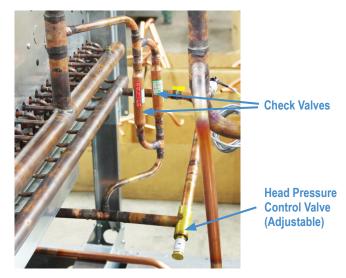
Head Pressure Control Valve (Non-Adjustable)

Installed Head Pressure Control Valve (non-adjustable for

smaller chillers)

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.



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

## Have more questions?

Call or Email: info@jmchillers.com

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