PE Valve

PE Valve

Heat Reclaim


300 Series Valves


400 Series Valves


500 Series Valves


700 Series Valves


1400 Series Valves


1700 Series Valves

300 Series 4 way Valves 3 to 175 tons 1/2" thru 3-1/8" Line Sizes

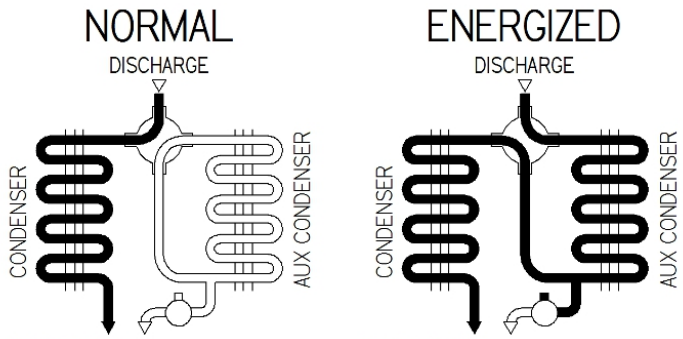
Â

This series valve is available as a pressure differential pilot actuated valve as

well as an Actuator driven valve

Â

These valves may be used in the system to direct flow. In the NORMAL POSITION the discharge gas is routed through the main condenser. In the ENERGIZED POSITION the discharged gas is routed through the auxiliary condenser and the return routed to the main condenser. No check valve is needed. This diagram is a typical heat reclaim configuration.



400 Series 3 way Valves 3 to 175 tons 1/2" thru 3-1/8" Line Sizes

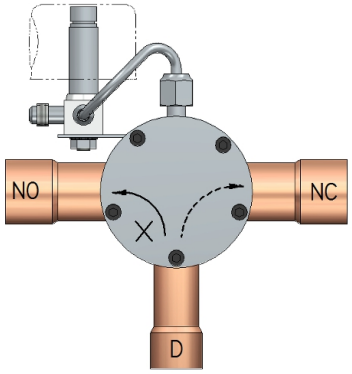
Â

This series valve is available as a pressure differential pilot actuated valve as

well as an Actuator driven valve

Â

These valves may be used in the system to direct flow. In the de-energized position the discharge gas is routed through the main condenser. In the energized position, the discharged gas is routed through the auxiliary condenser. This diagram is a typical heat reclaim configuration.



500 Series 4 way Valves 3 to 175 tons 1/2" thru 3-1/8" Line Sizes

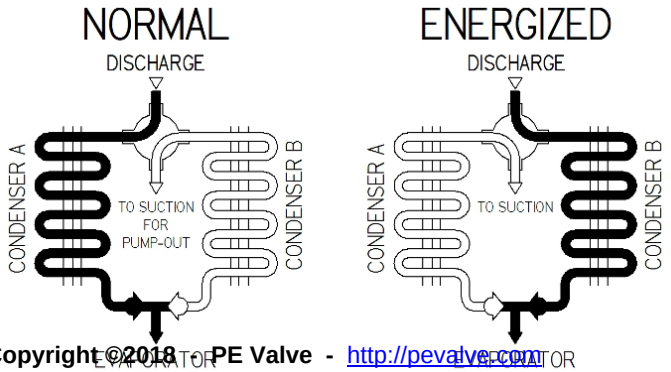
Â

This series valve is available as a pressure differential pilot actuated valve as

well as an Actuator driven valve

Â

Eliminates the need for additional solenoid valves. This valve may be used in a system with parallel condensers. The discharge is routed to one condenser or the other while the condenser not in use is pumped out to suction. This diagram is a typical heat reclaim configuration.



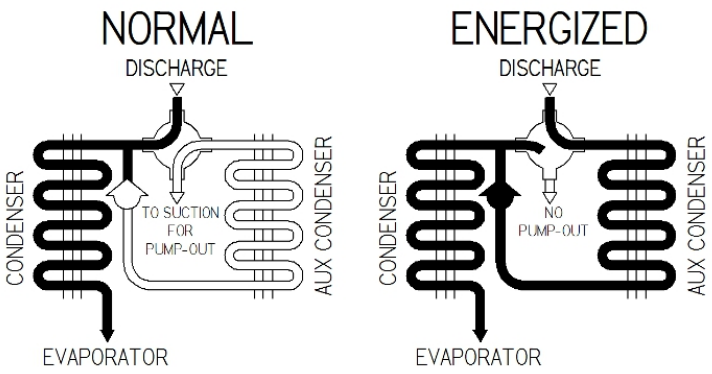
Â

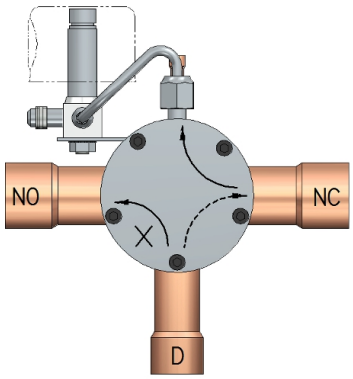
This series valve is available as a pressure differential pilot actuated valve as

well as an Actuator driven valve

Â

Eliminates the need for additional solenoid valves. (4 way) In the de-energized position, the discharge gas is routed through the main condenser and the auxiliary condenser is pumped out to suction. (3 way) In the energized position, discharge gas is fed through the valve and into the auxiliary condenser. The pump out line is automatically closed. This diagram is a typical heat reclaim configuration.





1400 Series 3 way Valves 3 to 175 tons 1/2" thru 3-1/8" Line Sizes

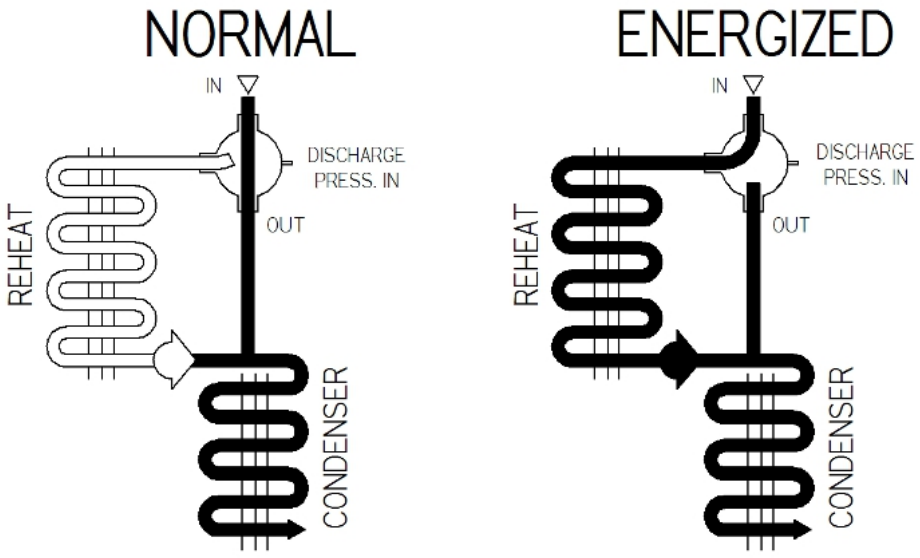
Â

This series valve is available as a pressure differential pilot actuated valve as

well as an Actuator driven valve

Â

In the NORMAL POSITION, the discharge gas goes straight through the valve causing almost no pressure drop. The Reheat/Defrost coil is closed off inside the valve. In the ENERGIZED POSITION the discharge gas turns 90 degrees through the valve going out to the Reheat/Defrost coil. The out port is closed off inside the valve. Discharge pressure is piped to the small port opposite the Reheat/Defrost port so this valve can be used to shift suction pressure. This diagram is a typical compressor unloading configuration.



Â

1700 Series 4 way Valves 6.1 to 175 tons 7/8" thru 3-1/8" Line Sizes

Â

This series valve is available as a pressure differential pilot actuated valve as

well as an Actuator driven valve

Â

In the NORMAL POSITION, discharge is routed to the main condenser and the auxiliary is pumped out. No solenoid valve is needed. In the ENERGIZED POSITION, discharge is routed to the auxiliary condenser and the return routed to the main condenser. No check valve is needed. The pump out is closed. This diagram is

a typical heat reclaim configuration.