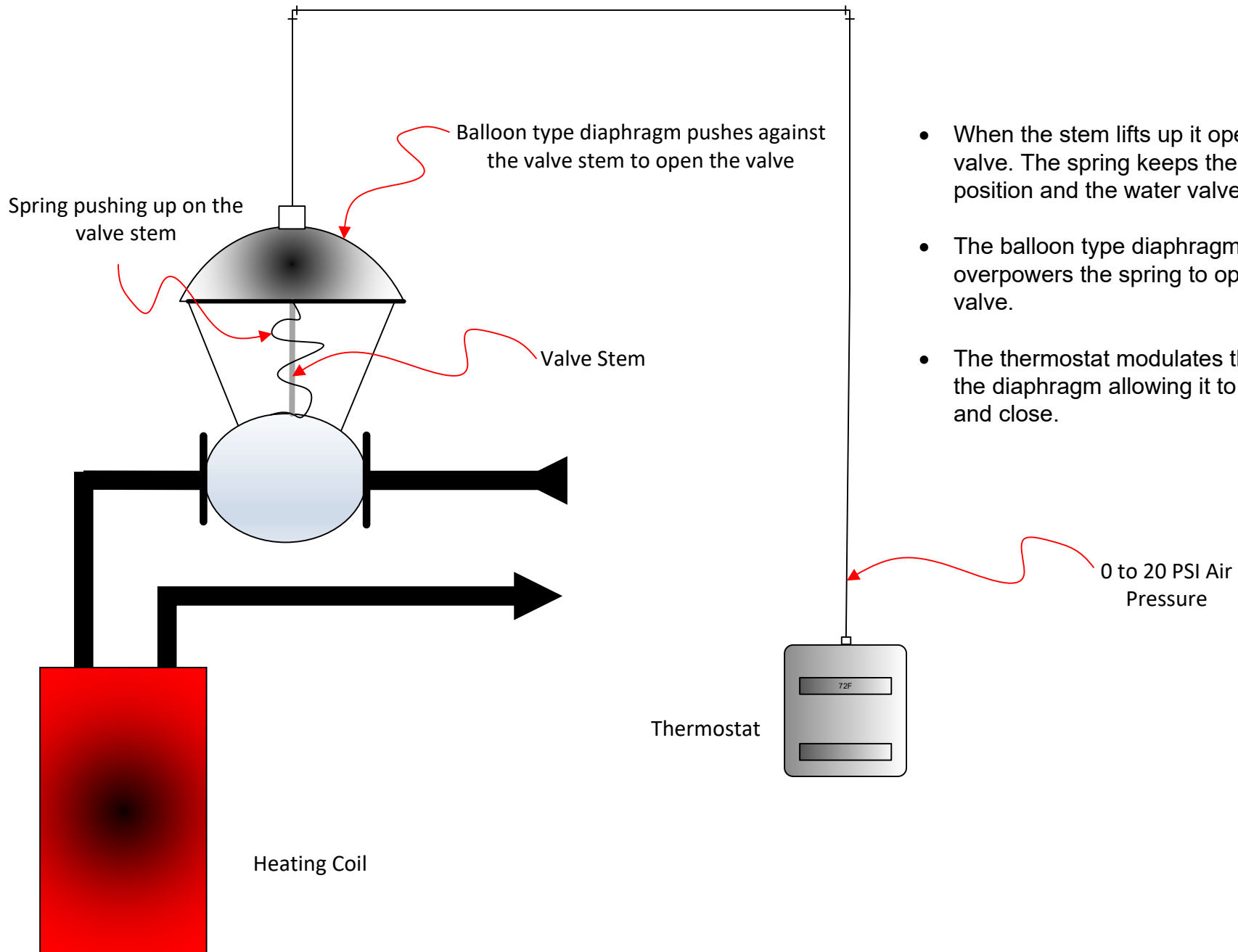


# Basic Pneumatic Control



- When the stem lifts up it opens the water valve. The spring keeps the stem in the up position and the water valve closed.
- The balloon type diaphragm fills with air and overpowers the spring to open the water valve.
- The thermostat modulates the air pressure to the diaphragm allowing it to gradually open and close.