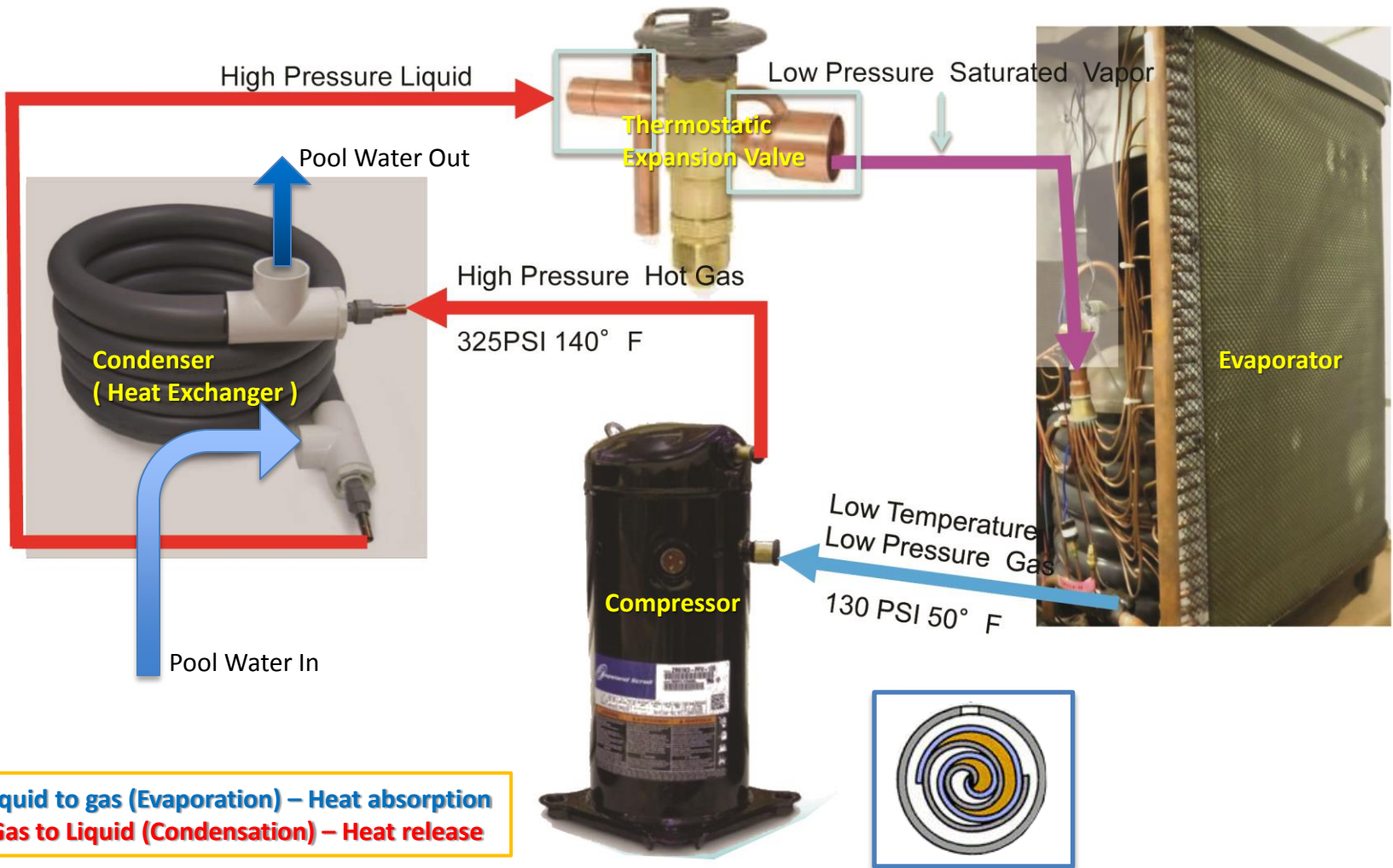


# SUMMIT HEAT PUMP – BASIC OPERATION



# SUMMIT HEAT PUMP – OPERATION PARAMETERS

## Low side (Suction)

- 125-135 psi

- Lower ambient temperatures will result in lower low side ( suction ) pressures

## High Side (Discharge)

- 290-400psi

- Higher water temperatures will result in higher high side (discharge) pressures.

## Normal Air Temperature

### Differential

- 15-20 deg. F

- Difference in temperature of the air entering the coil (ambient air) and the air being discharged out the top by the fan.

Low relative humidity and/or lower than normal ambient temperatures can cause lower than normal temperature differentials.

10-20 Degrees F  $\Delta T$



Low Side



High Side