

# Indoor Environmental Quality (IEQ)

Design Intent: IsoThermal Dehumidification

- CERV2 – Supplies conditioned air to House
- AprilAire – eSeries – Dehumidifies air
- GeoBoost – post conditions air – removes BTU from dehumidifier (when cooling)
- Wago controls the variable speed pump (0-10 VDC)
- Supply plenum feeds trunks for upper and lower levels.
- Air To Water Heat-Pump (Buffer Tank) – additional cooling

GeoBoost is in 3-pipe configuration to provide quick response.

Place Thermocouple 24-inches above GeoBoost to allow for mixing.

