

## Equipment Details

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**1. Air Handler Units (AHU's) Details:**

- a. Allied (or equal) AHU's job specific custom AHU
- b. Aluminum cabinet and liner
- c. Double wall insulation construction
- d. Factory mounted VFD's with electronic bypass (automatically bypasses VFD to keep AHU operating if even VFD fails)
- e. Economizer capable of 100% outside air when ambient conditions are favorable
- f. Outside air damper and hood
- g. Exhaust air damper and hood
- h. 2" prefilter bank
- i. Flat MERV 13 filter bank
- j. Additional 4" filter bank with carbon filters for smoke and odor filtration without
- k. Stainless steel drain pans and coil casings
- l. Final equipment weight is intended to be below listed weights on 1982 drawings as to not trigger structural engineering or modifications
  - i. AC2 new approximate weight – 6,185
  - ii. AC3 new approximate weight – 6,228
  - iii. AC4 new approximate weight – 4,964
  - iv. AC5 new approximate weight – 4,918
- m. Factory certified startup and training including 1 year full parts and labor warranty