

- .2 Site pressure test;
 - .1 to be as per factory pressure test.
- .3 Site flow test;
 - .1 Conduct tests to measure and record test data as follows;
 - (a) pressure drops across coils and filters, moisture eliminators, and heat recovery devices.
 - (b) fan inlet and discharge static pressure, total static pressure (cfm/L/s)
 - (c) fan input(kW/bHp.)
 - (d) fan motor rpm, running amps, full load amps
 - (e) AFD frequency (where applicable)
 - (f) fan supply air volume
 - (g) fan speed(rpm).
- .4 Contractor to co-ordinate installation of AHU attached ductwork to allow pressure testing of AHU's prior to connection of supply, return, and exhaust ducts to AHU to allow connection of manufacturer supplied pressure testing equipment.
- .5 Provide permanent test ports c/w cap and chain in each section of unit centered above each access door.
- .6 Submit test report and plot of pressure flow characteristic on catalogue fan curve for review as shop drawing.

2 PRODUCTS

2.1 General

- .1 Factory assembled, from base, frame, casings, access doors, components such as fans, coils, filters, dampers, humidifiers, motors, belt and variable frequency drives, drip pans, eliminators, vibration isolation, silencers, inlet cowls, louvres, and accessories as shown and specified.

Standard of Acceptance

- Haakon
- Mafna(Applied Energy)
- Ventrol -Mammoth(EFI)

2.2 Materials

- .1 Galvanized steel:
 - .1 ASTM A-527 lock-former quality
 - .2 ASTM A525-75 designation G90 class for unpainted surfaces,
 - .3 satin coat steel for painted surfaces.
- .2 Stainless Steel:
 - .1 type 304/304L to ASTM A480 Specification for General Requirements for Flat Rolled Plate, Sheet and Strip
- .3 Aluminum:
 - .1 Type 3003-H-14,