

Site Survey- HVAC Commercial

The following information is required to fully understand the requirements of the HVAC system and to incorporate the filter units based on the specific requirements.

Site Survey

Are there drawings for the architectural space?

- Yes
- No

Are there mechanical drawings of the layout of the duct work?

- Yes
- No

Obtain blower fan curves on Air Handling Units (AHU)?

- Yes
- No

Air Handler make and specifications:

Total number of Air Handling Units for the space under consideration:

Air flow capacity of the Air handling units (for e.g. the range of airflows the AHU goes through on a

daily basis):

Voltage

Phase

Are these Air Handling Units being controlled by the Building Management System (BMS)?

Yes

No

The max allowable frequency at which the Variable Frequency Drive (VFD) operates?

The min allowable frequency at which the Variable Frequency Drive (VFD) operates?

Are the Air Handling Units located in a separate mechanical room or in the area above the ceiling?

Yes


No

Mechanical Room Dimensions:

Total number of people occupying the space under consideration:

Type of filtration currently being used?

The details of area under consideration:



Area:

Floors:

Zones

Occupancy

Office Equipment:

Mechanical Equipment:

Is the HVAC system a Direct Expansion (DX) system or a chilled water system?

Is there enough space above the ceilings to house the Inline System? (Size of the 2000 SC unit: 26"w x 26"h x 32"d)

- Yes
- No

Type of ceiling:

Is the targeted area carpeted?

- Yes
- No

Other information regarding targeted area: 

Is there smoking allowed in the indoor environment?

- Yes
- No

What are the number of air changes that occur in the current situation in different zones?

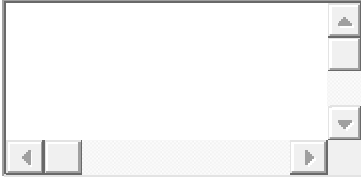
Air Flow rate for each area in CFM:

To what extent can the HVAC system be modified?

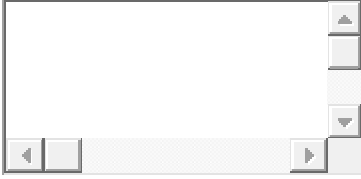
Can the current HVAC system blower handle an additional 1.2 inches of water gauge pressure?

- Yes
- No

Describe the floor space serviced by each AHU and the time of day of operation:

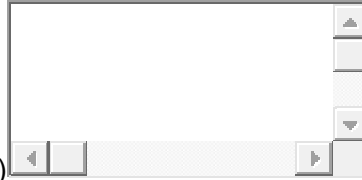


Details on any area serviced by units other than AHU (for e.g. Fan Coil Unit (FCU) etc.)



Accurate description of the control schematics and the operation of the AHU and its interaction with

the Variable Air Volume (VAV) unit and other units (if present)



Name: *

Company *

Phone *

Email *