



NOTE:
PROVIDE MINIMUM 6" HIGH CONTINUOUS STRUCTURAL BASE CHANNEL SUPPORT AROUND PERIMETER OF UNIT.

AIR HANDLING UNIT 2 & 5 DIMENSIONS

SCALE : NONE

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H9.4

AIR HANDLING UNITS ⑥

UNIT NO. ⑤	LOCATION	AREA SERVED	SUPPLY FAN NO.	RETURN FAN NO.	CFM			EXTERNAL S/A FAN/R/A FAN STATIC PRESSURE ①	SPECIFIED S/A FAN INTERNAL LOSSES S.P. ②	UNSPECIFIED S/A FAN/R/A FAN INTERNAL LOSSES S.P. ③	S/A FAN TOTAL S.P. ④	TYPE SYSTEM	WEIGHT LBS
					SUPPLY	RETURN	O.A.						
12-AHU-GA	GROUND FLOOR ROOF	GRND FLOOR 1st FLOOR	12-SF-GA	12-RF-GA	11,300	10,000	3,400	2.25"/1.5"	3.00"	0.25"/0.1"	5.5"	VAV	28,000
12-AHU-G	GROUND FLOOR ROOF	GRND FLOOR AMB. CARE	12-SF-G	12-RF-G	22,300	18,900	6,000	2.25"/1.5"	3.00"	0.25"/0.1"	5.5"	VAV	32,000
12-AHU-2	ROOF	2nd FLOOR	12-SF-2	12-RF-2	24,100	17,700	6,400	2.25"/1.5"	3.00"	0.25"/0.1"	5.5"	VAV	47,000
12-AHU-3	ROOF	3rd FLOOR	12-SF-3	12-RF-3	24,000	17,600	6,400	2.25"/1.5"	3.00"	0.25"/0.1"	5.5"	VAV	47,000
12-AHU-4	ROOF	4th FLOOR	12-SF-4	12-RF-4	24,000	17,600	6,400	2.25"/1.5"	3.00"	0.25"/0.1"	5.5"	VAV	47,000
12-AHU-5	ROOF	5th FLOOR	12-SF-5	12-RF-5	25,300	20,300	6,400	2.25"/1.5"	3.00"	0.25"/0.1"	5.5"	VAV	47,000

- ① EXTERNAL STATIC PRESSURE IN INCHES OF WATER COLUMN REQUIRED AT DUCT CONNECTIONS TO INLET AND OUTLET OF AHU. MEASUREMENTS SHALL BE TAKEN WITHIN 3 FT. OF INLET AND OUTLET AT A POINT OF MAXIMUM ACCURACY.
- ② TOTAL OF MAXIMUM PRESSURE DROPS IN INCHES OF WATER COLUMN OF COMPONENTS WHICH ARE SPECIFIED SEPARATELY, IE., PREFILTERS, AFTERFILTERS, HEATING AND COOLING COILS, DIFFUSER PLATE.
- ③ INTERNAL LOSS ALLOWANCE SHALL INCLUDE LOSSES DUE TO ENTRANCE AND EXIT OF AHU, MIXING BOXES, SOUND ATTENUATORS, DIFFUSER SECTION INCLUDING LOSSES DUE TO FAILURE TO PROPERLY CONVERT FAN VELOCITY PRESSURE TO STATIC PRESSURE, CASINGS, HUMIDIFIERS, DAMPERS, ETC.
- ④ TOTAL FAN S.P. = EXTERNAL STATIC PRESSURE + SPECIFIED INTERNAL LOSSES + UNSPECIFIED INTERNAL LOSSES. MANUFACTURER SHALL PROVIDE SUBMITTAL SHOWING ACTUAL LOSSES OF ALL EQUIPMENT PROVIDED. REFER TO FAN SCHEDULE FOR ADDITIONAL FAN SELECTION INFORMATION.
- ⑤ SEE DETAIL 9/H10.7 FOR MOUNTING
- ⑥ SEE SHEETS H9.3 & H9.4 FOR ADDITIONAL INFORMATION