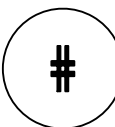


	AIR HANDLING UNIT	ITEM	MINIMUM OUTSIDE AIR TWO BEDS OF FILTERS VAV	MINIMUM OUTSIDE AIR THREE BEDS OF FILTERS CV	100% OUTSIDE AIR TWO BEDS OF FILTERS CV	100% OUTSIDE AIR THREE BEDS OF FILTERS CV
*	MIXING BOX	1	YES	YES	NO	NO
*	BLENDER SECTION	2	YES	YES	NO	NO
	PRE-FILTERS (SIDE ACCESS)	3	YES	YES	YES	YES
	INSPECTION SECTION, SMALL	4	YES	YES	YES	YES
	AFTER FILTER (SIDE ACCESS)	5	YES	YES	YES	YES
	ACCESS SECTION, MED-LARGE	6	YES	YES	YES	YES
*	HEAT RECOVERY COIL	7	NO	NO	YES	YES
*	ACCESS SECTION, MED-LARGE	8	NO	NO	YES	YES
*	PRE-HEAT COIL	9	YES	YES	YES	YES
*	INSPECTION SECTION, SMALL	10	YES	YES	YES	YES
	HUMIDIFIER	11	YES	YES	YES	YES
	COOLING COIL	12	YES	YES	YES	YES
	FAN	13	YES	YES	YES	YES
*	DIFFUSER PLATE	14	NO	NO	NO	YES
*	ACCESS SECTION, MED-LARGE	15	NO	NO	YES	YES
*	HEPA FILTER	16	NO	NO	NO	YES
*	DISCHARGE PLENUM (VERTICAL)	17	YES	YES	YES	YES
* AS REQUIRED						

NOTE:

1. ACCESS DOORS SHALL BE GASKETED AND HINGED TO OPEN AGAINST FAN OPERATING PRESSURE TO PREVENT AIR LEAKAGE.
2. MINIMUM ACCESS DOOR WIDTH SHALL BE 24" [600mm].
3. ACCESS DOOR HEIGHT SHALL BE DETERMINED BY UNIT CASING BUT NOT TO EXCEED 6'-0" [1800mm].
4. ACCESS DOORS ON FAN SUCTION SHALL OPEN OUTWARD.
5. ACCESS DOORS ON FAN DISCHARGE SIZE SHALL OPEN INWARD.



ACCESS DOOR SWING DETAIL FOR AIR HANDLING UNITS

NTS

DESIGNER'S NOTES:

1. ALL AHU SECTIONS SHOWN IN THIS DETAIL MAY NOT BE APPLICABLE TO EACH AIR HANDLING UNIT INCLUDED IN THE PROJECT.
2. SEE DETAIL FOR AIR INTAKE FOR MISSION CRITICAL FACILITIES.
3. USING THIS FORMAT, DESIGNER SHALL DEVELOP A SIMILAR VIEW OF EACH AHU INCLUDED IN THE PROJECT. SELECTION OF THE AHU SECTIONS SHALL BE APPLICATION SPECIFIC. EACH VIEW SHALL INCLUDE OVERALL DIMENSIONS AND AVAILABLE ACCESS SPACE FOR EACH AIR HANDLING UNIT. NOTE THAT THESE VIEWS DO NOT NEGATE THE NEED TO PROVIDE CROSS-SECTIONS/ELEVATIONS OF THE MECHANICAL ROOMS, SHOWING EQUIPMENT SECTIONS AND DETAILS OF EACH AHU.

DETAIL TITLE / ACCESS DOOR SWING DETAIL FOR AIR HANDLING UNITS

SCALE : NONE

DATE ISSUED: DECEMBER 2008

CAD DETAIL NO.: SD237300-01.DWG

Department of
Veterans Affairs

