



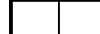
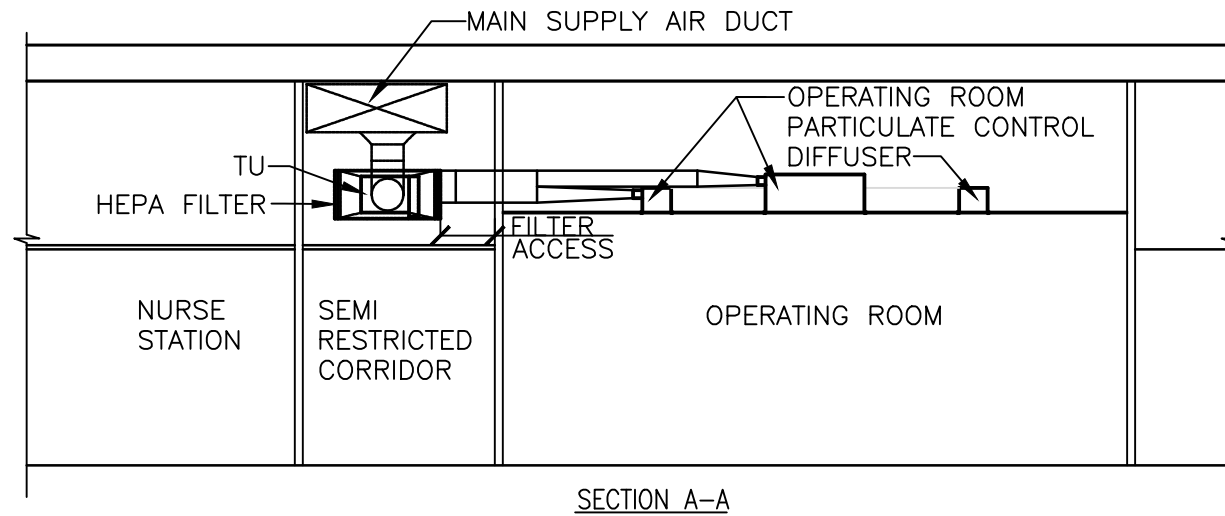


HEPA FILTER SIZING

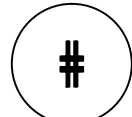
FILTER IN SECTION VIEW	AIRFLOW RANGE		NOMINAL HEPA SIZE		NO. REQ.	APPROXIMATE OVERALL HOUSING SIZE		NET MAX FACE VELOCITY		AIR SIDE PRESSURE DROP			
										MAX INITIAL RESISTANCE		MAX CHANGE OUT RESISTANCE	
	CFM	(L/S)	INxINxIN	(mmxmmxmm)		INxINxIN	(mmxmmxmm)	FPM	(M/S)	IN WG	[Pa]	IN WG	[Pa]
	0-230	0-109	12x12x12	305x305x305	1	15x15x21	380x380x530	250	2	1	340	1.5	370
	230-500	109-236	24x12x12	610x305x305	1	24x15x21	610x380x530	250	2	1	340	1.5	370
	500-1100	236-519	24x24x12	610x610x305	1	24x27x21	610x685x530	250	2	1	250	1.5	370
	500-1100	236-519	24x12x12	610x305x305	2	48x15x21	1220x380x530	250	2	1	250	1.5	370
	1100-2200	519-1038	24x24x12	610x610x305	2	48x27x21	1220x685x530	250	2	1	250	1.5	370

NOTES:
1. SEE FILTER SCHEDULE SS234000-01



NOTES:
1.COORDINATE ACTUAL HEPA FILTER AND HOUSING SIZES WITH SELECTED MANUFACTURER.

HEPA FILTER SIZING CHART AND SURGICAL ROOM SECTION A-A



NTS
DESIGNER NOTES:
1.FOR GUIDANCE ONLY

DETAIL TITLE / HEPA FILTER SIZING CHART & SURGICAL ROOM SECTION A-A

SCALE : NONE

DATE ISSUED :MARCH 2010

CADD DETAIL NO. SD233100-28.DWG