

VENTILATION SCHEDULE

ROOM NUMBER	ROOM NAME	ROOM SQFT	OCCUPANT #/1000 SQ-FT OR # OF FIXTURES	REQUIRED OA CFM/SF	REQUIRED OA FOR SPACE (A) (CFM)	REQUIRED OA PER PERSON (CFM/P)	OA FOR OCCUPANTS (B) (CFM)	MIN OA REQUIRED CFM (A + B)	DESIGN		REMARKS
									OA CFM	EXHAUST CFM	
006A	SOCIAL WORKER OFFICE	244	5	.06	15	5	5	20	100	-	
006	WOMENS ROOM	285	4	-	-	-	-	-	-	400	
011	MENS ROOM	229	4	-	-	-	-	-	-	400	
015	MAIN OFFICE	411	5	.06	21	5	10	31	145	-	
015A	OFFICE	154	5	.06	10	5	5	15	64	-	
015B	OFFICE	153	5	.06	10	5	5	15	64	-	
015C	REST ROOM	48	1	-	-	-	-	-	-	75	
015D	CONFERENCE ROOM	161	50	.06	10	5	40	50	64	-	
017	CUSTODIAL CL	17	1	-	-	-	-	-	-	75	
018	GIRLS ROOM	290	4	-	-	-	-	-	-	400	
019	BOYS ROOM	290	4	-	-	-	-	-	-	400	
020	STAIR	403	-	-	-	-	-	-	-	-	
021	NURSES OFFICE	331	5	.06	20	5	10	30	120	-	
021A	EXAM ROOM	129	5	.06	8	5	10	18	50	-	
021B	REST ROOM	63	1	-	-	-	-	-	-	100	
022	FACULTY LOUNGE	411	50	.06	25	5	100	125	160	-	CONFERENCE / MTG SPACE
022A	REST ROOM	63	1	-	-	-	-	-	-	100	
023	GUIDANCE SUITE	258	5	.06	15	5	10	25	58	-	
023A	OFFICE	127	5	.06	8	5	5	13	50	-	
023B	OFFICE	105	5	.06	6	5	5	11	50	-	
024	LOCKER ROOM	610	-	-	-	-	-	-	-	450	EXHAUST AT 0.5 CFM/SF
024A	OFFICE	110	5	.06	7	5	5	12	64	-	
025	COMMUNITY CLASSROOM	923	20	.18	166	10	180	346	383	-	
025A	ELEC.	55	-	-	-	-	-	-	-	-	
026	GYMNASIUM	7966	-	0.3	2390	-	-	2390	3400	-	
026A	STORAGE	153	-	-	-	-	-	-	-	-	
026B	STORAGE	153	-	-	-	-	-	-	-	-	
027	COMMUNITY CLASSROOM	1124	35	.12	135	10	390	525	1200	-	
027A	STORAGE	182	-	-	-	-	-	-	-	150	
027B	OFFICE	164	5	.06	10	5	5	15	150	-	
028	COMMUNITY CLASSROOM	870	35	.12	104	10	300	304	900	-	
029	LOCKER ROOM	1066	-	-	-	-	-	-	-	530	EXHAUST AT 0.5 CFM/SF
029A	OFFICE	110	5	.06	7	5	5	12	150	-	
029B	CUSTODIAL CLOSET	28	1	-	-	-	-	-	-	75	
0XX	GYM CORRIDOR	2950	-	.06	177	-	-	177	800	-	

SPLIT AIR CONDITIONER

TAG	LOCATION	CONFIGURATION	TOTAL CFM	MIN. CFM	DX COOLING COIL		SUPPLY FAN V/PH/Hz	HEATING MBH	EER	CONDENSING UNIT		MOTOR CONTROLLER		BASIS OF DESIGN	NOTES
					TOTAL MBH	REFRIGERANT				MINIMUM CIRCUIT AMPACITY	MINIMUM FUSE SIZE	FURNISHED BY	INSTALLED BY		
DSF-1 / DSC-1	IDF (RM 120A)	DUCTLESS SPLIT	406	265	18	410A	208/1/60	-	-	13	15	MC	EC	SAMSUNG AC018	1,2
DSF-2 / DSC-2	IDF (RM 219A)	DUCTLESS SPLIT	406	265	18	410A	208/1/60	-	-	13	15	MC	EC	SAMSUNG AC018	1,2
DSF-3 / DSC-3	MDF (RM 023B)	DUCTLESS SPLIT	551	410	24	410A	208/1/60	-	-	16	20	MC	EC	SAMSUNG AC024	1,2

NOTES:
 1. MOUNT OVER DOOR, BOTTOM OF AC UNIT SHALL BE 8'-0" ABOVE FINISHED FLOOR.
 2. PROVIDE LOW AMBIENT ACCESSORIES AND WIND BAFFLE.

NJ Certificate of Authorization
 Eng. No. 24027837500
 Arch. No. 21AC00912400
 Date 01/15/2018
 Checked
 Drawn
KENNETH H. KARLE, R.A.
 LICENSE NO. NJ21A00890600
 THE REGISTERED ARCHITECT

Revisions:

LAN ASSOCIATES
 engineering • planning • architecture • surveying
 445 GODWIN AVENUE, MIDLAND PARK, N.J. 07432 (201)447-6400

HVAC SCHEDULES
 ADDITION TO WOODBRIDGE MIDDLE SCHOOL
 WOODBRIDGE BOE
 525 BARRON AVENUE
 WOODBRIDGE, NJ 07095

Job No. 2.20211.07
 File No. -

H3.03