

SPACE LOADS AND AIR FLOWS

ZONE NAME / SPACE NAME	COOLING SENSIBLE (MBH)	CEILING HEIGHT	FLOOR AREA (FT²)	ROOM VOLUME (FT³)	SUPPLY (CFM)	RETURN (CFM)	EXHAUST (CFM)	SPACE (CFM/FT³)	MIN. AIR CHANGES PER HOUR REQ'D.	DESIGN AIR CHANGES PER HOUR	REMARKS
ZONE 1											SEE NOTE 1
PROVIDER A257	3.0	9'-0"	120.0	1080	140	135	--	1.2	4	8.0	--
EXAM A256	3.4	9'-0"	120.0	1080	141	158	--	1.3	4	8.9	--
EXAM A255	3.4	9'-0"	120.0	1080	147	132	--	1.3	4	8.9	--
PROVIDER A254	4.0	9'-0"	120.0	1080	179	184	--	1.6	4	10.5	--
EXAM A253	3.4	9'-0"	120.0	1080	147	143	--	1.3	4	8.9	--
EXAM A228	3.4	9'-0"	120.0	1080	159	137	--	1.3	4	8.9	--
PROVIDER A227	4.0	9'-0"	120.0	1080	166	186	--	1.5	4	10.5	--
EXAM A226	3.4	9'-0"	120.0	1080	159	158	--	1.3	4	8.9	--
EXAM A225	3.4	9'-0"	120.0	1080	144	143	--	1.3	4	8.9	--
PROVIDER A224	4.0	9'-0"	120.0	1080	162	154	--	1.6	4	10.5	--
EXAM A223	3.4	9'-0"	120.0	1080	149	141	--	1.3	4	8.9	--
EXAM A182	3.4	9'-0"	120.0	1080	142	138	--	1.3	4	8.9	--
EXAM A178	3.4	9'-0"	120.0	1080	162	175	--	1.3	4	8.9	--
PROVIDER A180	4.0	9'-0"	120.0	1080	145	131	--	1.6	4	10.5	--
TREATMENT RM. A177	6.2	9'-0"	170.0	1530	280	280	--	1.7	6	11.4	--

NOTE:
1. ZONE 1 THERMOSTAT IS IN PROVIDER A254.

ZONE NAME / SPACE NAME	COOLING SENSIBLE (MBH)	CEILING HEIGHT	FLOOR AREA (FT²)	ROOM VOLUME (FT³)	SUPPLY (CFM)	RETURN (CFM)	EXHAUST (CFM)	SPACE (CFM/FT³)	MIN. AIR CHANGES PER HOUR REQ'D.	DESIGN AIR CHANGES PER HOUR	REMARKS
ZONE 3											SEE NOTE 1
EXAM A168	3.1	9'-0"	120.0	1080	155	138	--	1.2	4	8.0	--
EXAM A166	3.1	9'-0"	120.0	1080	159	145	--	1.2	4	8.0	--
EXAM A165	2.5	9'-0"	120.0	1080	121	111	--	0.95	4	6.4	--
EXAM A163	3.1	9'-0"	120.0	1080	122	123	--	1.2	4	8.0	--
PROVIDER A167	3.8	9'-0"	120.0	1080	166	153	--	1.5	4	10.0	--
PROVIDER A164	3.8	9'-0"	120.0	1080	170	152	--	1.5	4	10.8	--
A145	11.0	9'-0"	170.0	1530	226	230	--	3.0	6	20.4	SEE NOTE 2

NOTE:
1. ZONE 3 THERMOSTAT IS IN PROVIDER A164.
2. 520 CFM EXFILTRATION TO OUTDOOR. THROUGH VESTIBULE DOOR.

ZONE NAME / SPACE NAME	COOLING SENSIBLE (MBH)	CEILING HEIGHT	FLOOR AREA (FT²)	ROOM VOLUME (FT³)	SUPPLY (CFM)	RETURN (CFM)	EXHAUST (CFM)	SPACE (CFM/FT³)	MIN. AIR CHANGES PER HOUR REQ'D.	DESIGN AIR CHANGES PER HOUR	REMARKS
ZONE 4					91	219					SEE NOTE 1
CORRIDOR A162	2.8	8'-0"	420.0	3360	75	56	--	0.54	4	4.0	SEE NOTE 10
CORRIDOR A176	1.5	8'-0"	220.0	1760	82	66	--	0.54	4	4.0	
CORRIDOR A184	2.0	8'-0"	295.0	2360	93	166	--	0.54	4	4.0	
CORRIDOR A249	3.2	9'-0"	360.0	3240	103	81	--	0.61	4	4.0	SEE NOTE 2
CORRIDOR A260	1.7	9'-0"	260.0	2340	110	87	--	0.61	4	4.0	
CORRIDOR A240	2.5	9'-0"	285.0	2565	155	158	--	0.61	4	4.0	
TREATMENT A261	3.0	9'-0"	145.0	1305	126	125	--	1.00	6	6.4	--
SCREENING A262	1.7	8'-0"	100.0	800	88	99	--	0.80	6	6.0	--
BREAK RM. A250	3.6	8'-0"	100.0	800	161	--	--	2.30	5	12.7	--
SUPPLY RM. A248	--	8'-0"	65.0	520	144	48	--	0.70	4	5.2	SEE NOTE 3
NURSE OFFICE A247	1.8	8'-0"	100.0	800	92	--	--	0.95	4	7.1	--
EXAM A243	1.5	8'-0"	120.0	960	68	75	--	0.59	4	4.4	--
EXAM A241	1.5	8'-0"	120.0	960	73	77	--	0.59	4	4.4	--
PROVIDER A242	1.9	8'-0"	110.0	880	96	94	--	0.91	4	6.8	--
PROVIDER A232	1.9	8'-0"	110.0	880	98	103	--	0.91	4	6.8	--
EXAM A231	1.5	8'-0"	110.0	880	63	73	--	0.64	4	4.8	--
EXAM A233	1.5	8'-0"	110.0	880	69	74	--	0.64	4	4.8	--
DIABETIC EDUCATION A235	2.2	8'-0"	110.0	880	105	108	--	0.95	4	7.2	--
DIABETIC EDUCATION A234	2.2	8'-0"	110.0	880	105	103	--	0.95	4	7.2	--
CORRIDOR A230	3.1	8'-0"	350.0	2800	77	108	--	0.54	4	4.0	SEE NOTE 4
CORRIDOR A211	3.1	8'-0"	355.0	2840	101	110	--	0.54	4	4.0	
CORRIDOR A220A	2.7	8'-0"	310.0	2480	--	165	--	0.54	4	4.0	
PHA A217	2.1	8'-0"	100.0	800	81	89	--	1.00	4	7.5	--
RECEPTION PHA A219	1.9	8'-0"	85.0	640	77	86	--	1.10	4	8.4	--
PHA A220	4.6	8'-0"	200.0	1600	220	344	--	1.10	4	8.1	--
TREATMENT A214	3.2	9'-0"	170.0	1530	73	81	--	0.91	6	6.1	--
DIRTY UTILITY A213	1.6	8'-0"	150.0	1200	111	141	139	0.80	6	6.0	SEE NOTE 5
BREAK RM. A187	5.4	8'-0"	185.0	1480	354	317	--	1.35	5	10.1	--
CC OFFICE A193	2.0	8'-0"	120.0	960	101	90	--	0.83	4	6.0	--
CC OFFICE A194	2.0	8'-0"	110.0	880	100	101	--	0.90	4	6.5	--
OFFICE A185	4.0	8'-0"	240.0	1920	98	118	--	0.79	4	5.9	--
NURSE OFFICE A191	2.0	8'-0"	105.0	840	88	90	--	0.95	4	7.1	--
NURSE OFFICE A192	2.0	8'-0"	115.0	920	79	102	--	0.87	4	6.5	--
NURSE OFFICE A195	2.0	8'-0"	120.0	960	82	86	--	0.83	4	6.2	--
EXAM A171	1.5	8'-0"	120.0	960	69	68	--	0.59	4	4.4	--
EXAM A173	1.5	8'-0"	110.0	880	65	75	--	0.64	4	4.8	--
PROVIDER A172	2.0	8'-0"	120.0	960	95	96	--	0.83	4	6.2	--
RECEPTION A244	1.8	8'-0"	100.0	800	--	--	--	0.90	4	6.8	--
PHA A216	2.1	8'-0"	100.0	800	89	98	--	1.00	4	7.5	--
GPM/HCI A212	2.2	8'-0"	140.0	1120	96	111	--	0.75	4	5.6	--
TOILET A238		8'-0"	190.0	1520	244	--	302	1.58	10	11.8	SEE NOTE 6
STORAGE A221		8'-0"	50.0	400	--	82	--	1.50	4	11.2	SEE NOTE 7
STORAGE A222		8'-0"	50.0	400	--	73	--	1.50	4	12.0	SEE NOTE 7
JANITORS CLOSET A229		8'-0"	25.0	200	--	--	53	2.00	10	15.0	SEE NOTE 8
JANITORS CLOSET A252		8'-0"	20.0	160	--	--	50	2.50	10	18.7	SEE NOTE 8
STORAGE A251		8'-0"	25.0	600	68	82	--	3.00	4	7.5	SEE NOTE 7
STORAGE A239		8'-0"	55.0	440	--	74	--	1.40	4	10.2	SEE NOTE 7
JANITORS CLOSET A179		8'-0"	20.0	160	--	--	46	2.50	10	18.7	SEE NOTE 8
TOILET A218		8'-0"	50.0	400	55	77	74	1.50	10	11.2	SEE NOTE 11
TOILET A188		8'-0"	50.0	400	53	--	71	1.50	10	11.2	SEE NOTE 11
TOILET A245		8'-0"	55.0	440	--	86	68	1.40	10	10.2	SEE NOTE 11
NEW COMM. RM. A210		8'-0"	95.0	760	58	--	--	0.53	--	4.3	SEE NOTE 9
TOILET A181		8'-0"	55.0	440	47	--	69	1.40	10	10.2	SEE NOTE 11
WAITING A196		8'-0/9'-0"	860.0	6880	293	678	--	0.82	6	8.2	--

NOTE:
1. ZONE 4 THERMOSTAT IS IN PHA A217.
2. 220 CFM TRANSFER TO TOILETS, STORAGE SPACES AND JANITOR CLOSET.
3. 45 CFM TRANSFER FROM CORRIDORS THROUGH 1-INCH UNDERCUT OF DOOR.
4. 245 CFM TRANSFER TO TOILET, STORAGE SPACES, JANITOR CLOSET AND DIRTY UTILITY ROOM.
5. 20 CFM TRANSFER FROM CORRIDOR THROUGH 1-INCH UNDERCUT OF DOOR.
6. 60 CFM TRANSFER FROM CORRIDOR THROUGH 1-INCH UNDERCUT OF DOOR.
7. 75 CFM TRANSFER FROM CORRIDOR THROUGH 1-INCH UNDERCUT OF DOOR.
8. 50 CFM TRANSFER FROM CORRIDOR THROUGH 1-INCH UNDERCUT OF DOOR.
9. 50 CFM TRANSFER TO CORRIDOR THROUGH 1-INCH UNDERCUT OF DOOR.
10. 100 CFM TRANSFER TO TOILETS AND JANITOR CLOSET.
11. 25 CFM TRANSFER FROM CORRIDOR THROUGH 1-INCH UNDERCUT OF DOOR.

ZONE NAME / SPACE NAME	COOLING SENSIBLE (MBH)	CEILING HEIGHT	FLOOR AREA (FT²)	ROOM VOLUME (FT³)	SUPPLY (CFM)	RETURN (CFM)	EXHAUST (CFM)	SPACE (CFM/FT³)	MIN. AIR CHANGES PER HOUR REQ'D.	DESIGN AIR CHANGES PER HOUR	REMARKS
ZONE 5											SEE NOTE 1
EXAM A258	3.8	9'-0"	120.0	1080	204	220	--	1.7	4	11.1	--
EXAM A263	2.2	9'-0"	120.0	1080	115	114	--	0.9	4	5.8	--
EXAM A265	2.2	9'-0"	120.0	1080	106	101	--	0.9	4	5.8	--
PROVIDER A264	3.7	9'-0"	130.0	1170	153	157	--	1.3	4	8.7	--
WAITING A266	6.1	9'-0"	190.0	1710	131	--	--	1.6	6	10.5	--
RECORDS A266A	3.7	9'-0"	170.0	1530	176	186	--	1.0	4	6.9	--
A100	7.4	9'-0"	215.0	1935	326	232	--	1.6	6	10.7	SEE NOTE 2
TOILET A259	--	8'-0"	30.0	240	51	--	68	2.72	10	18.7	SEE NOTE 3

NOTE:
1. ZONE 5 THERMOSTAT IS IN WAITING A266.
2. 345 CFM EXFILTRATION TO OUTDOOR THROUGH VESTIBULE DOOR.
3. 25 CFM TRANSFER FROM CORRIDORS THROUGH 1-INCH UNDERCUT OF DOOR.

ZONE NAME / SPACE NAME	COOLING SENSIBLE (MBH)	CEILING HEIGHT	FLOOR AREA (FT²)	ROOM VOLUME (FT³)	SUPPLY (CFM)	RETURN (CFM)	EXHAUST (CFM)	SPACE (CFM/FT³)	MIN. AIR CHANGES PER HOUR REQ'D.	DESIGN AIR CHANGES PER HOUR	REMARKS
ZONE 6											SEE NOTE 1
LOBBY A103	2.6	9'-0"	320.0	2880	99	216	—	0.60	4	4.7	—
CORRIDOR A103	3.5	9'-0"	680.0	6120	107	146	—	0.60	4	4.0	SEE NOTE 2
EXAM A127	1.5	8'-0"	120.0	960	70	63	—	0.59	4	4.4	—
WAITING A122	3.3	8'-0"	230.0	1840	190	195	—	0.80	6	6.0	—
PROVIDER A129	2.0	8'-0"	115.0	920	93	92	—	0.87	4	6.5	—
PROVIDER A123	1.5	8'-0"	60.0	480	67	67	—	1.30	4	10.0	—
IMMUNIZATION A124	2.4	8'-0"	170.0	1360	109	105	—	0.70	4	5.3	—
EXAM A131	1.5	8'-0"	120.0	960	74	82	—	0.59	4	4.4	—
EXAM A207	1.5	8'-0"	105.0	840	64	70	—	0.67	4	5.0	—
EXAM A205	1.5	8'-0"	105.0	840	67	69	—	0.67	4	5.0	—
PROVIDER A206	2.0	8'-0"	100.0	800	91	97	—	1.00	4	7.5	—
NURSE OFFICE A134	2.0	8'-0"	110.0	880	95	104	—	0.91	4	6.8	—
EXAM A132	1.5	8'-0"	115.0	920	66	77	—	0.61	4	4.6	—
EXAM A128	1.5	8'-0"	115.0	920	73	77	—	0.61	4	4.6	—
PROVIDER A130	2.0	8'-0"	110.0	880	89	95	—	0.91	4	6.8	—
CORRIDOR A200	2.6	8'-0"	260.0	2080	90	151	—	0.54	4	4.0	SEE NOTE 3
CORRIDOR A126	1.8	8'-0"	245.0	1960	105	60	—	0.53	4	4.0	
STORAGE A201	0.0	8'-0"	75.0	600	—	81	—	1.00	4	7.5	
EXAM A204	1.5	8'-0"	105.0	840	69	76	—	0.67	4	5.0	SEE NOTE 4
EXAM A202	1.5	8'-0"	105.0	840	72	77	—	0.67	4	5.0	—
PROVIDER A203	1.5	8'-0"	105.0	840	82	88	—	0.95	4	7.1	—
RECEPTION A152	3.0	8'-0"	150.0	1200	145	150	—	0.93	4	7.0	—
APPOINTMENTS A150	7.7	8'-0"	370.0	2960	184	194	—	1.00	4	7.5	—
RECORDS RM. A151	11.3	9'-0"	1070.0	9630	381	348	—	0.60	4	4.0	—
EXAM A136	1.5	8'-0"	105.0	840	73	76	—	0.67	4	5.0	—
EXAM A138	1.5	8'-0"	105.0	840	73	75	—	0.67	4	5.0	—
PROVIDER A137	2.0	8'-0"	105.0	840	100	91	—	0.95	4	7.1	—
NURSE OFFICE A139	2.0	8'-0"	105.0	840	95	83	—	0.95	4	7.1	—
CORRIDOR A143	2.5	8'-0"	650.0	5200	—	—	—	0.54	4	4.0	—
WAITING AREA A198 & WAITING AREA A196	15.1	8'-0" / 9'-0"	1150.0	9775	366	—	—	0.85	6	6.0	—
NURSE OFFICE A133	2.0	8'-0"	105.0	840	91	93	—	0.95	4	7.1	—
TREATMENT A135	2.9	9'-0"	145.0	1305	142	152	—	0.96	6	6.4	—
CORRIDOR A153A	2.5	8'-0"	280.0	2240	100	108	—	0.53	4	4.0	—
TREADMILL RM. A140	2.8	8'-0"	170.0	1360	100	126	—	0.80	4	6.0	—
JANITORS CLOSET A142	8'-0"	75.0	600	—	—	—	91	1.30	10	10.0	SEE NOTE 5
STORAGE A201	8'-0"	75.0	600	—	—	—	—	1.00	4	7.5	SEE NOTE 4
STORAGE A120	8'-0"	65.0	520	—	71	—	—	1.15	4	8.6	SEE NOTE 4
COMM. ROOM A208	8'-0"	25.0	200	—	—	—	—	2.00	—	15.0	SEE NOTE 6
ELEC. ROOM A209	8'-0"	50.0	400	106	—	—	—	2.00	4	15.0	—
TOILET A121	8'-0"	190.0	1520	223	—	291	1.58	10	11.0	11.0	SEE NOTE 7
CORRIDOR A203A	9'-0"	350.0	3150	100	219	—	0.60	4	4.0	—	—