

ROOM AIR TABLE HEADINGS DESCRIPTIONS:

Air Balance

+ ROOM EXHAUST AND/OR RETURN IS 10% LESS THAN SUPPLY.
0 ROOM EXHAUST AND/OR RETURN IS EQUAL TO SUPPLY.
- ROOM EXHAUST AND/OR RETURN IS 10% MORE THAN SUPPLY.

Air Changes - IS THE MINIMUM TOTAL AIR CHANGES PER HOUR EQUIURED TO MEET VENTILATION REQUIREMENTS AT DESIGN CONDITIONS. THESE RATES ARE CONSIDERED THE MINIMUM REQUIRED FOR NORMAL HEALTH AND COMFORT CONSIDERATION.

Outside Air - IS THE MINIMUM OUTSIDE AIR CHANGES PER HOUR REQUIRED TO MEET VENTILATION REQUIREMENTS AT DESIGN CONDITIONS.
"NI" INDICATES THAT THE QUANTITY IS NOT INDICATED IN THE UFC OR ASHRAE 92.1.

Area - IS THE ACTUAL AREA OF THE ROOM BEING CONSIDERED AND WAS USED TO DETERMINE THE TOTAL VOLUMES OF AIR REQUIRED AS PER THE UFC REQUIREMENTS.

CFM Min. - IS THE MINIMUM CUBIC FEET OF SUPPLY AIR THAT MUST BE SUPPLIED TO THE SPACE PER MINUTE TO MEET THE MINIMUM AIR CHANGES PER HOUR AS SET FORTH BY THE UFC AND AS INDICATED IN THIS TABLE.

OA Min. - IS THE MINIMUM CUBIC FEET OF OUTSIDE FRESH AIR THAT MUST BE SUPPLIED TO THE SPACE PER MINUTE TO MEET THE MINIMUM AIR CHANGES PER HOUR AS SET FORTH BY THE UFC AND AS INDICATED IN THIS TABLE. THIS ARE IS A PORTION OF THE CFM MIN. NOTED ABOVE.

CFM Supply - IS THE ACTUAL QUANTY OF AIR IN CFM THAT CAN BE SUPPLIED TO THE SPACE BY THE EXISTING AIR DISTRIBUTION DUCT SYSTEMS.

CFM Return - IS THE ACTUAL QUANTY OF AIR IN CFM THAT CAN BE RETURNED FROM THE SPACE BY THE EXISTING AIR DISTRIBUTION DUCT SYSTEMS.

CFM Exhaust - IS THE ACTUAL QUANTY OF AIR IN CFM THAT CAN BE EXHAUSTED FROM THE SPACE BY THE EXISTING AIR DISTRIBUTION DUCT SYSTEMS.

Summer Temp - INTERIOR DESIGN TEMPERATURE INDICATED IN DEGREES FAHRENHEIT (F), FOR HEAT GAINS CALCULATIONS. WHEN COOLING IS REQUIRED DURING WINTER, SUCH AS IN INTERIOR ZONES, TEMPERATURE LISTED UNDER SUMMER CONDITIONS SHOULD BE USED. THE INDICATED TEMPERATURES ARE MINIMUM ALLOWABLE TEMPERATURES. IF AN EXACT TEMPERATURE IS NOT NOTED THEN THE SPACE NEEDS TO BE KEPT WITHIN THE INDICATED RANGE.

Winter Temp - INTERIOR DESIGN TEMPERATURE INDICATED IN DEGREES FAHRENHEIT (F), FOR HEAT LOSE CALCULATIONS. TEMPERATURE IS MAXIMUM TEMPERATURE ALLOWED IN SPACE PER UFC GUIDELINES.

Relative Humidity - IS THE RELATIVE HUMIDITY RANGE THAT THE SPACE IS TO BE PROVIDED. NOTE THAT THERE ARE NO AREAS IN THIS REVIEW THAT REQUIRE HUMIDITY LEVELS DIFFERENT FROM THE STANDARD UFC REQUIRED HUMIDITY.

Filtration Intermediate - INDICATES WHEN A SPACE IS REQUIRED TO BE PROVIDED WITH A MECHANICAL SYSTEM THAT PROVIDES FOR INTERMEDIATE FILTRATION IN ADDITION TO THE RETURN AND OUTSIDE AIR FILTRATIONS. FILTER EFFICIENCIES NOTED HERE ARE IN ACCORDANCE WITH THE *MINIMUM EFFICIENCY REPORTING VALUE (MERV)* RATINGS OF ASHRAE STANDARD 52.2. FILTERS WITH A MERV RATING OF 8 SHALL BE PROVIDED FOR ALL OUTDOOR AND RETURN AIR. THESE FILTERS SHALL BE LOCATED UPSTREAM OF AIR-CONDITIONING EQUIPMENT. INTERMEDIATE FILTERS INDICATED IN THIS COLUMN SHALL BE LOCATED DOWNSTREAM OF THE SUPPLY FAN. FINAL FILTERS WHEN REQUIRED SHALL BE LOCATED AT AIR OUTLETS OR IN CLOSE PROXIMITY TO OUTLETS. ALL FILTERS WILL BE INSTALLED TO PREVENT LEAKAGE BETWEEN THE FILTER SEGMENTS AND BETWEEN THE FILTER AND ITS SUPPORTING FRAME. "NR" INDICATES THAT THERE IS NO REQUIREMENT FOR THIS FILTRATION LEVEL IN THE INDICATED SPACE.

Filtration Final - INDICATES WHEN A SPACE IS REQUIRED TO BE PROVIDED WITH A MECHANICAL SYSTEM THAT PROVIDES FOR FINAL HIGH EFFICIENCY FILTRATION IN ADDITION TO THE RETURN AND OUTSIDE AIR FILTRATIONS. NOTE THAT THERE ARE NO SPACES REQUIRING FINAL FILTRATION SERVED BY ANY OF THE SYSTEMS BEING CONSIDERED IN THIS REVIEW. "NR" INDICATES THAT THERE IS NO REQUIREMENT FOR THIS FILTRATION LEVEL IN THE INDICATED SPACE.

Exhaust - INDICATES IS THE SPACE IS TO BE PROVIDED WITH POSITIVE EXHAUST. "NR" INDICATES THAT THERE IS NO SPECIFIED REQUIREMENT FOR EXHAUST FROM THE SPACE REQUIRED BY THE UFC.

Department	Room Number	Room Name	Room Code	Air Balance	Air Changes	Outside Air	Area	CFM Min.	OA Min.	CFM Supply	CFM Return	CFM Exhaust	Summer Temp	Winter Temp	Relative Humidity	Filtration Intermediate	Filtration Final	Exhaust	Note - HVAC	Note - HVAC 2
PHARMACY	D-102	REFILL PHARMACY	PHOD2	+	4	2	946	568	284	1020	918	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
LOGISTICS	D-115	BMET WORKSTATIONS	BMCW1	0	4	1	418	251	63	470	470	0	75F - 78F	68F MAX	30-60%	NR	NR	Y		
LOGISTICS	D-116	OFFICE	OFA02	0	4	1	116	70	17	160	160	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
LOGISTICS	D-117	DECON STORAGE	SRS01	0	4	1	484	290	73	280	280	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
LOGISTICS	D-118	CORRIDOR		NI	NI	NI	359	0	0	250	100	0	75F - 78F	68F MAX	30-60%	NR	NR	NR	See note #4	
HOUSEKEEPING	D-119	HOUSEKEEPING STORAGE	SRS01	0	4	1	126	76	19	90	90	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
HOUSEKEEPING	D-120	JANITOR CLOSET	JANC1	-	10		34	51	51	0	0	40	75F - 78F	68F MAX	30-60%	NR	NR	Y		
LOGISTICS	D-121	TOILET	TLTU1	EX	10	-	38	67	67	30	0	75	75F - 78F	68F MAX	30-60%	NR	NR	Y		
LOGISTICS	D-122	TOILET/SHOWER	TLTS1	EX	10	-	68	102	102	30	0	75	75F - 78F	68F MAX	30-60%	NR	NR	Y		
HOUSEKEEPING	D-123	CLEAN LINEN	LCCL1	0	4	2	239	143	72	150	150	0	75F - 78F	70F MAX	30-60%	MERV 14	NR	NR		
LOGISTICS	D-124	CORRIDOR		NI	NI	NI	374	0	0	110	110	0	75F - 78F	68F MAX	30-60%	NR	NR	NR	See note #4	
LOGISTICS	D-125	OMEE WORK AREA	PMWS1	0	4	1	204	122	31	140	140	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
LOGISTICS	D-126	STORAGE	SRS01	0	4	1	128	77	19	100	100	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
LOGISTICS	D-127	HAZMAT STORAGE	SRHM1	-	6	-	156	140	140	0	0	0	75F - 78F	68F MAX	30-60%	NR	NR	Y	PRE NFPA	
PHARMACY	D-128	TOILET	TLTU1	EX	10	-	51	77	77	0	0	50	75F - 78F	68F MAX	30-60%	NR	NR	Y		
PHARMACY	D-129	TOILET	TLTU1	EX	10	-	66	99	99	0	0	50	75F - 78F	68F MAX	30-60%	NR	NR	Y		
LOGISTICS	D-130	OFFICE	OFA03	0	4	1	183	110	27	310	310	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
HOUSEKEEPING	D-131	OFFICE	OFA02	0	4	1	156	94	23	200	200	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
HOUSEKEEPING	D-132	STORAGE	SRS01	0	4	1	125	75	19	80	80	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
LOGISTICS	D-133	CORRIDOR		NI	NI	NI	288	200	0	100	100	0	75F - 78F	68F MAX	30-60%	NR	NR	NR	See note #4	
LOGISTICS	D-133A	CORRIDOR		NI	NI	NI	315	300	0	0	0	0	75F - 78F	68F MAX	30-60%	NR	NR	NR	See note #4	
PHARMACY	D-134	OFFICE	OFA02	0	4	1	100	60	15	120	110	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
PHARMACY	D-135	OFFICE	OFA02	0	4	1	100	60	15	120	110	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
PHARMACY	D-136	CORRIDOR		NI	NI	NI	462	0	0	0	0	0	75F - 78F	68F MAX	30-60%	NR	NR	NR	See note #4	
PHARMACY	D-137	LOCKERS	LR001	0	4	1	46	28	7	60	100	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
PHARMACY	D-138	VAULT	SSV01	0	6	1	65	59	10	130	130	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
PHARMACY	D-140	OFFICE	OFA02	0	4	1	112	67	17	130	130	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
PHARMACY	D-141	PHARMACY DISPENSING	PHOD2	+	4	2	163	98	49	250	0	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
PHARMACY	D-142	PHARMACY	PHOD2	+	4	2	1032	620	310	900	810	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
RESOURCE MANAGEMENT	F-100	OFFICE	OFA03	0	4	1	132	79	20	200	170	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
RESOURCE MANAGEMENT	F-101	OFFICE	OFA02	0	4	1	165	99	25	180	160	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
RESOURCE MANAGEMENT	F-102	OFFICE	OFA02	0	4	1	291	175	44	340	310	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
FACILITY MANAGEMENT	F-103	ELECTRICAL		NI	NI	NI	120	300	30	310	0	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
INFORMATION SYSTEMS	F-104	COMMUNICATIONS	COMC1	+	1	-	94	2	2	0	0	0	75F - 78F	68F MAX	30-60%	NR	NR	NR	See note #3	
COMMON AREAS	F-105	FEMALE TOILET	TLTF2	EX	10	-	66	99	99	0	0	120	75F - 78F	68F MAX	30-60%	NR	NR	Y		
COMMON AREAS	F-106	MALE TOILET	TLTM2	EX	10	-	48	72	72	0	0	120	75F - 78F	68F MAX	30-60%	NR	NR	Y		
INFORMATION SYSTEMS	F-107	COMMUNICATIONS	COMC1	+	1	-	216	4		UNIT	0	0	75F - 78F	68F MAX	30-60%	NR	NR	NR	See note #3	
INFORMATION SYSTEMS	F-109	OFFICE	OFA02	0	4	1	121	73	18	200	200	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
RESOURCE MANAGEMENT	F-110	OFFICE	OFA03	0	4	1	88	53	13	110	90	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
RESOURCE MANAGEMENT	F-111	OFFICE	OFA02	0	4	1	174	104	26	150	130	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
RESOURCE MANAGEMENT	F-112	OFFICE	OFA03	0	4	1	165	99	25	210	210	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
RESOURCE MANAGEMENT	F-113	TOILET	OFA02	EX	10		24	36	36	0	0	50	75F - 78F	68F MAX	30-60%	NR	NR	NR		
RESOURCE MANAGEMENT	F-114	STORAGE	OFA02	0	4	1	8	5	1	0	0	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
RESOURCE MANAGEMENT	F-116	OFFICE	OFA02	0	4	1	563	338	85	260	260	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
RESOURCE MANAGEMENT	F-119	OFFICE	OFA02	0	4	1	206	124	31	170	150	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
RESOURCE MANAGEMENT	F-120	TOILET/LOCKER	TLTU1	EX	10	-	208	312	312	0	0	0	75F - 78F	68F MAX	30-60%	NR	NR	Y		
PHYSICAL THERAPY	F-121	PT CUBICLES	PTTC1	0	4	2	68	41	20	90	90	0	75F - 78F	70F MAX	30-60%	NR	NR	NR		
PHYSICAL THERAPY	F-122	PT CUBICLES	PTTC1	0	4	2	71	43	21	90	90	0	75F - 78F	70F MAX	30-60%	NR	NR	NR		
PHYSICAL THERAPY	F-123	PT CUBICLES	PTTC1	0	4	2	86	52	26	90	90	0	75F - 78F	70F MAX	30-60%	NR	NR	NR		
PHYSICAL THERAPY	F-124	SOILED LINEN	LCSL1	-	10	2	48	72	14	0	0	50	75F - 78F	70F MAX	30-60%	NR	NR	Y		
PHYSICAL THERAPY	F-125	TRASH/RECYCLE COLLECTION	UTC01	-	10	1	42	63	6	0	0	0	75F - 78F	68F MAX	30-60%	NR	NR	Y		
PHYSICAL THERAPY	F-127	PHYSICAL THERAPY EXERCISE AREA	PTES1	-	6	2	1803	1623	641	1410	1410	0	75F - 78F	70F MAX	30-60%	NR	NR	NR		
PHYSICAL THERAPY	F-127A	PT WORKSTATION	PTCW1	0	4	2	64	38	19	0	0	0	75F - 78F	70F MAX	30-60%	NR	NR	NR		
PHYSICAL THERAPY	F-128	DRESSING ROOM	DR001	0	4	2	16	10	2	0	0	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
PHYSICAL THERAPY	F-129	DRESSING ROOM	DR001	0	4	2	16	10	2	0	0	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
PHYSICAL THERAPY	F-130	ELECTRICAL		NI	NI	NI	30	0	0	0	0	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
FACILITY MANAGEMENT	F-131	STORAGE	SRS01	0	4	1	64	38	10	0	0	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
PHYSICAL THERAPY	F-132	CUBICLES	OFA03	0	4	1	60	35	8	100	0	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
PHYSICAL THERAPY	F-133	RECEPTION/WAITING	RECP1	0	4	1	377	226	57	380	390	0	75F - 78F	70F MAX	30-60%	MERV 14	NR	NR		
PHYSICAL THERAPY	F-133A	CORRIDOR		NI	NI	NI	152	150	0	0	0	0	75F - 78F	68F MAX	30-60%	NR	NR	NR	See note #4	
PHYSICAL THERAPY	F-134	OFFICE	OFA02	0	4	1	90	54	14	100	100	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
PHYSICAL THERAPY	F-135	OFFICE/EXAM	EXRG3	0	4	2	122	73	37	220	220	0	75F - 78F	73F MAX	30-60%	MERV 14	NR	NR		
PHYSICAL THERAPY	F-136	OFFICE	OFA02	0	4	1	70	42	11	220	220	0	75F - 78F	68F MAX	30-60%	NR	NR	NR		
PHYSICAL THERAPY	F-138	CLASSROOM	CLR01	0	6	1	412	371	62	440	440	0	75F - 78F	70F MAX	30-60%	NR	NR	NR		
EDUCATION AND TRAINING	F-139	CLASSROOM, BEDROOM MOCK-UP	CLR04	0	6	1	184	166	28	150	150	0	75F - 78F	70F MAX	30-60%	NR	NR	NR		
COMMON AREAS	F-152	EXAM	EXRG3	0	4	2	145	87	44	190	190	0	75F - 78F	73F MAX	30-60%	MERV 14	NR	NR		
							13563	9062	3357	10840	9668	630								

AREAS SERVED BY S-4

1. WHEN THE USING SERVICE INTENDS THE