

HEAT PUMP SPLIT SYSTEM SCHEDULE

MARK	MFGR AND MODEL	DISCH	CFM	MIN O.A. CFM	ESP INCH WG	COOLING CAPACITY (OA 110°DB/73°WB) (RA 81°DB/68°WB)						HEATING CAPACITY @ 65° EDB 21° OA						ELECTRICAL DATA										OUTDOOR UNIT									
						TOTAL MBH	SENS MBH	IEER	SEER	MIN SEER REG	MIN SEER REG	MBH	ELEC HEAT KW	HSPF	COP	MIN HSPF REG	MIN COP REG	ELECTRICAL	MAX HP	MCA	MOCP	DIMENSIONS LxWxH	LBS	MARK	NOM TONS	MFG AND MODEL	V/FPH/Hz	MCA	MOCP	DIMENSIONS LxWxH	LBS	REMARKS					
						16	14	--	16	15.4	--	16	15.4	--	16	15.4	--	16	15.4	--	16	15.4	--	16	15.4	--	16	15.4	--	16	15.4	--	16	15.4	--		
FC-1	DAIKIN AMST48CUH400	HORIZ	1600	(E)	0.5	45.5	34.5	--	16	14	--	46.0	N/A	9.1	--	8.2	--	208/1/60	3/4	7.1	15	58x21x21	175	CU-1	4	DAIKIN DZ49EA4B40	460/3/60	8.7	15	36x36x37	350	1, 2, 3, 4, 5, 6					
FC-2	DAIKIN AMST60CUH400	HORIZ	2000	(E)	0.5	56.5	43.5	--	16	15.4	--	57.0	N/A	9.1	--	8.2	--	208/1/60	3/4	8.6	15	58x21x25	200	CU-2	5	DAIKIN DZ59EA6010	208/1/60	33.0	50	36x36x42	375	1, 2, 3, 4, 5, 6					
FC-5	DAIKIN AMST60CUH400	HORIZ	2000	(E)	0.5	56.5	43.5	--	16	15.4	--	57.0	N/A	9.1	--	8.2	--	208/1/60	3/4	8.6	15	58x21x25	200	CU-5	5	DAIKIN DZ59EA6010	208/1/60	33.0	50	36x36x42	375	1, 2, 3, 4, 5, 6					
FC-1	DAIKIN DAX04044A	HORIZ	3000	(E)	0.5	84.8	62.8	14.5	--	--	13.2	78.0	N/A	--	3.4	--	3.3	460/3/60	1	5.2	15	61x44x24	450	CU-1	7.5	DAIKIN DZ14XA0404A	460/3/60	18.5	30	36x36x42	400	1, 2, 3, 4, 5, 6					
FC-3	DAIKIN DAX04044A	HORIZ	3000	(E)	0.5	84.8	62.8	14.5	--	--	13.2	78.0	N/A	--	3.4	--	3.3	460/3/60	1	5.2	15	61x44x24	450	CU-3	7.5	DAIKIN DZ14XA0404A	460/3/60	18.5	30	36x36x42	400	1, 2, 3, 4, 5, 6					
FC-6	DAIKIN DAX04044A	HORIZ	3000	(E)	0.5	84.8	62.8	14.5	--	--	13.2	78.0	N/A	--	3.4	--	3.3	460/3/60	1	5.2	15	61x44x24	450	CU-6	7.5	DAIKIN DZ14XA0404A	460/3/60	18.5	30	36x36x42	400	1, 2, 3, 4, 5, 6					
FC-10	DAIKIN DAX12044A	HORIZ	4000	(E)	0.5	114.9	80.4	14.5	--	--	13.2	97.0	N/A	--	3.4	--	3.3	460/3/60	1	5.2	15	61x44x24	450	CU-10	10	DAIKIN DZ14XA1204A	460/3/60	22.0	35	36x36x42	450	1, 2, 3, 4, 5, 6					

1. ELECTRICAL CONTRACTOR TO PROVIDE SEPARATE POWER POINT CONNECTIONS TO FAN COIL UNIT AND OUTDOOR UNIT.
2. PROVIDE ALL FEATURES STANDARD TO THE UNIT SCHEDULED.
3. PROVIDE LOW VOLTAGE CONTROL POWER TRANSFORMER, FAN RELAY, LIQUID LINE FILTER DRYER, AND ANTI-CYCLING CONTROL TO PREVENT RAPID COMPRESSOR CYCLING.
4. PROVIDE LOCKING 7-DAY PROGRAMMABLE HEAT PUMP WI-FI THERMOSTAT. TSTAT SHALL HAVE MIN. 5" SET POINT OVERLAP RESTRICTION, AND OFF-HOUR CONTROLS CAPABLE OF AUTOMATIC STARTUP, AUTOMATIC SETBACK & SHUTDOWN, AND 2 HOUR OVERRIDE. THERMOSTAT SHALL COMPLY WITH THE 2018 IECC SECTIONS C403.4. USE HONEYWELL VISIONPRO 8000 WIFI PROGRAMMABLE THERMOSTAT OR EQUAL.
5. SET MINIMUM OUTSIDE AIR DAMPER STOP TO THE MINIMUM OUTSIDE AIR REQUIREMENT. SEE O.A. SCHEDULE FOR AMOUNT.
6. FAN COIL SHALL HAVE FACTORY INSTALLED SINGLE POINT POWER CONNECTION.

MECHANICAL NOTES

PART I - GENERAL	PART II - EXECUTION
<p>1.01 - ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL CODES, LAWS, RULES, AND REGULATIONS OF ALL NATIONAL, STATE, COUNTY, AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PREMISES. THIS SHOULD INCLUDE, BUT NOT BE LIMITED TO, THE INTERNATIONAL MECHANICAL CODE (IMC 2018), INTERNATIONAL BUILDING CODE (IBC 2018), INTERNATIONAL ENERGY CONSERVATION CODE (IECC 2018), AND THE NATIONAL FIRE PROTECTION ASSOCIATION. IN CASE OF DIFFERENCES, THE MOST RESTRICTIVE OF SAID REGULATIONS SHALL GOVERN. HOWEVER, THIS SHALL NOT BE CONSTRUED TO RELIEVE THIS CONTRACTOR FROM COMPLYING WITH REQUIREMENTS OF THE PLANS AND SPECIFICATIONS WHICH MAY BE IN EXCESS OF CODE REQUIREMENTS.</p> <p>1.02 - CONTRACTOR TO SECURE AND PAY FOR ALL REQUIRED PERMITS AND INSPECTIONS.</p> <p>1.03 - FURNISH AND INSTALL ALL EQUIPMENT AND MATERIAL AS SHOWN. THIS SHALL INCLUDE ALL ITEMS NECESSARY TO COMPLETE THE INSTALLATION WHETHER SPECIFICALLY MENTIONED OR NOT.</p> <p>1.04 - MECHANICAL DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW THE APPROXIMATE LOCATION OF OUTLETS, DUCTWORK, EQUIPMENT, AND PIPING. DIMENSIONS GIVEN IN FIGURE ON THE PLANS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. ALL DIMENSIONS, WHETHER GIVEN IN FIGURES OR SCALED, SHALL BE VERIFIED IN THE FIELD. NO DUCTWORK SHALL BE FABRICATED UNTIL DUCT CLEARANCES ARE FIELD VERIFIED.</p> <p>1.05 - BEFORE SUBMITTING A BID, CAREFULLY STUDY ALL CONSTRUCTION DOCUMENTS. CAREFULLY EXAMINE THE PREMISES AND ANY EXISTING WORK. DETERMINE IN ADVANCE, THE METHODS OF INSTALLING AND CONNECTING THE EQUIPMENT, AND BE THOROUGHLY FAMILIAR WITH ALL THE REQUIREMENTS OF THE CONTRACT.</p> <p>1.06 - BY THE ACT OF SUBMITTING A PROPOSAL FOR THE WORK REQUIRED AND INCLUDED IN THE CONTRACT, THE CONTRACTOR SHALL BE DEEMED TO HAVE MADE SUCH STUDY AND EXAMINATION, AND TO BE FAMILIAR WITH AND ACCEPT ALL CONDITIONS OF THE SITE.</p> <p>1.07 - THE MECHANICAL SYSTEMS HAVE BEEN DESIGNED AROUND THE MAKES AND SIZES OF EQUIPMENT NAMED IN THE EQUIPMENT SCHEDULES AND SHOWN ON THE DRAWINGS. OTHER MAKES OF EQUIPMENT NAMED IN THIS SPECIFICATION, SHOWN ON THE DRAWINGS, OR APPROVED BY THE ARCHITECT MAY BE FURNISHED AT THIS CONTRACTOR'S OPTION. IT IS, HOWEVER, THIS CONTRACTOR'S RESPONSIBILITY TO BE SURE THAT SUCH EQUIPMENT HAS EQUIVALENT CAPACITY, THE SAME ELECTRICAL CHARACTERISTICS, SUBSTANTIALLY THE SAME PHYSICAL DIMENSIONS AND CAN BE INSTALLED IN THE SPACE AVAILABLE WITH AMPLE WORKING SPACE AROUND IT. ANY ADDITIONAL COSTS RESULTING FROM EQUIPMENT OR MATERIAL SUBSTITUTION SHALL BE BORNE BY THIS CONTRACTOR.</p> <p>1.08 - THE FOLLOWING IS A LIST OF ADDITIONAL EQUIPMENT APPROVED FOR USE ON THIS PROJECT SUBJECT TO SECTION 1.06 ABOVE.</p> <ol style="list-style-type: none"> 1. AIR CONDITIONING UNITS: CARRIER, TRANE, YORK, AMERICAN STANDARD, RHEEM, LENOX 2. DUCTLESS AIR CONDITIONING UNITS: MITSUBISHI, DAIKIN, SAMSUNG, CARRIER, LG, FUJITSU 3. AIR DEVICES: KRUEGER, TITUS, NAILOR, RUSKIN, PRICE, TUTTLE & BAILEY 4. ENERGY RECOVERY UNITS: OXYGENB, VENMAR, DAIKIN 	<p>2.01 - PAINT ALL VISIBLE SHEET METAL DUCTWORK BEHIND GRILLES AND REGISTERS FLAT BLACK. PAINT ALL INTERIOR EXPOSED DUCTWORK WITH TWO COATS OF PRIMER AND TWO COATS OF ENAMEL. COORDINATE COLOR WITH ARCHITECT. PAINT ALL SHEET METAL DUCTWORK EXPOSED TO WEATHER WITH TWO COATS OF AN APPROVED ALL-WEATHER PAINT, WHITE IN COLOR.</p> <p>2.08 - ALL DUCTS SHALL BE CONSTRUCTED OF NEW GALVANIZED PRIME STEEL. GAUGES AND INSTALLATION SHALL BE ACCORDING TO LATEST SHACNA "HVAC DUCT CONSTRUCTION STANDARDS". ALL DUCTWORK SHALL BE HUNG WITH SHEET METAL STRAP HANGERS FASTENED TO STRUCTURE ABOVE. ALL DUCT JOINTS, INCLUDING BRANCH DUCT CONNECTIONS, SHALL BE SEALED WITH HARDCAST OR EQUIVALENT CMC DUCT SEALER. THE SIZES OF INTERNALLY LINED DUCTS SHOWN ON DRAWINGS ARE ACTUAL OUTSIDE DUCT DIMENSIONS.</p> <p>2.09 - ALL SUPPLY AND RETURN AIR DUCTS AND PLENUMS SHALL BE THERMALLY INSULATED PER THE 2018 IECC. SUPPLY AND RETURN AIR DUCTS LOCATED OUTSIDE THE BUILDING SHALL HAVE A MINIMUM R-8. SUPPLY AND RETURN AIR DUCTS IN UNCONDITIONED SPACE SHALL HAVE A MINIMUM R-6. DUCTS LOCATED WITHIN A BUILDING ENVELOPE ASSEMBLY SHALL BE SEPARATED FROM THE BUILDING EXTERIOR OR UNCONDITIONED SPACES BY A MINIMUM OF R-8. THE LINER SHALL MEET THE LIFE SAFETY STANDARDS AS ESTABLISHED BY NFPA 90A AND 90B. ALL LEADING EDGES OF EXPOSED DUCT LINER SHALL BE PROTECTED WITH SHEET METAL. THE LINER SHALL BE GLUED AND PINNED PER SHACNA RECOMMENDATIONS. AN ALL WEATHER JACKET SHALL COVER EXPOSED WRAP INSULATION ON THE ROOF. A FOIL JACKET SHALL COVER WRAP INSULATION NOT ON THE ROOF. DUCTS INSIDE CONDITIONED SPACE SHALL NOT BE WRAPPED OR LINED UNLESS NOTED OTHERWISE.</p> <p>2.10 - REFRIGERANT SUCTION LINES LESS THAN OR EQUAL TO 1 1/2" DIAMETER SHALL BE INSULATED WITH 1/2" ARMAFLEX AND LINES GREATER THAN 1 1/2" DIAMETER SHALL BE INSULATED WITH 1" ARMAFLEX. ARMAFLEX EXPOSED TO WEATHER SHALL BE COVERED WITH A SMOOTH, 0.020" THICK ALUMINUM JACKET. CONDENSATE PIPING LOCATED ABOVE FINISHED CEILING SHALL BE INSULATED WITH 1/2" ARMAFLEX. A KRAFT PAPER REINFORCED, FOIL VAPOR BARRIER, WITH SELF-SEALING ADHESIVE JOINTS SHALL COVER INSULATION ON INTERIOR PIPING.</p> <p>2.11 - PROVIDE CURBS AND FLASHINGS WHERE DUCTWORK PASSES THROUGH THE ROOF.</p> <p>2.12 - THE CONTRACTOR IS RESPONSIBLE FOR BACK CHECKING THE ARCHITECTURAL DRAWINGS AND EXAMINING THE WALL/CEILING TYPES TO ENSURE PROPER INSTALLATION OF FIRE/FIRE SMOKE DAMPERS.</p> <p>2.13 - EQUIPMENT SHALL BE INSTALLED TO PERMIT ACCESS FOR SERVICE AND MAINTENANCE. ALL EQUIPMENT SHALL BE INSTALLED AS RECOMMENDED BY THE EQUIPMENT MANUFACTURERS.</p> <p>2.14 - ALL PIPING SHALL BE ACCURATELY CUT AND INSTALLED IN PLACE WITHOUT FORCING. CHANGES IN DIRECTION SHALL BE MADE WITH FITTINGS. BENDING OF PIPING EXCEPT ANNEALED COPPER WILL NOT BE ACCEPTED. REDUCING FITTINGS, RATHER THAN BUSHINGS, SHALL BE USED WHERE PIPE SIZES CHANGE. TEE FITTINGS SHALL NOT BE USED FOR CONVERGING OR DIVERGING FLOW. A BRANCH TEE AND ONE ELBOW SHALL BE USED INSTEAD. ELBOWS SHALL HAVE A LONG RADIUS WITH A CENTERLINE RADIUS EQUAL TO 1-1/2 TIMES THE PIPE DIAMETER.</p> <p>2.15 - ISOLATE ALL COPPER FROM CONTACT WITH STEEL, CONCRETE, OR MASONRY.</p> <p>2.16 - BALANCE ALL AIR QUANTITIES AS INDICATED ON THE DRAWINGS (+) OR (-) 10% IN ACCORDANCE WITH SHACNA OR AABC BALANCING PROCEDURES. SUBMIT AN ELECTRONIC COPY OF THE BALANCE REPORTS INCLUDING EQUIPMENT VOLTAGE AND AMP READINGS. AN AGENCY INDEPENDENT OF CONTRACTOR SHALL DO THE BALANCING. FINAL AIR BALANCE REPORT SHALL BE SUBMITTED TO THE MECHANICAL INSPECTOR PRIOR TO CALLING FOR FINAL INSPECTION.</p> <p>2.17 - REFRIGERANT PIPING SHALL BE TRIPLE EVACUATED WITH DRY NITROGEN AND HAVE A 12-HOUR HOLDING TEST PERFORMED PER MANUFACTURER'S RECOMMENDATIONS. THE ARCHITECT'S REPRESENTATIVE SHALL INSPECT THE TEST. A WRITTEN REPORT OF TEST RESULTS SHALL BE SUBMITTED FOR APPROVAL AND SIGNED BY THE INSPECTING PARTY.</p> <p>2.18 - THE CONTRACTOR IS RESPONSIBLE FOR HIRING A COMMISSIONING AGENT TO MEET THE REQUIREMENTS OF IECC SECTION C408 SYSTEM COMMISSIONING. THE COMMISSIONING AGENT MAY BE A THIRD PARTY OR THE PROJECT REGISTERED DESIGN PROFESSIONAL. THE DOCUMENTS DESCRIBED IN SECTION 408 SHALL BE PROVIDED TO THE BUILDING OWNER WITHIN 90 DAYS OF THE CERTIFICATE OF OCCUPANCY.</p> <p>2.19 - AT ALL TIMES, KEEP THE BUILDING AND PREMISES IN A NEAT MANNER. THOROUGHLY CLEAN UP AT END OF CONSTRUCTION.</p> <p>2.20 - RECORD ALL CHANGES FROM CONTRACT DRAWINGS INCLUDING "FOUND" CONDITIONS AND SUBMIT TO ARCHITECT "RECORD DRAWINGS" AT CLOSE OF PROJECT.</p> <p>2.21 - FILTERS TO BE MINIMUM MERV-8. INSTALL A NEW SET OF FILTERS AFTER FINAL INSPECTION.</p> <p>2.22 - FURNISH TO THE ARCHITECT AN ELECTRONIC FILE OF THE OPERATING AND MAINTENANCE MANUALS. MANUALS SHALL CONTAIN MANUFACTURER'S CUT SHEETS, SPARE PARTS LIST, SEQUENCE OF OPERATION, AND A PREVENTATIVE MAINTENANCE SCHEDULE.</p> <p>2.23 - GUARANTEE WORK TO BE FREE FROM DEFECTS IN WORKMANSHIP AND MATERIAL FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE. PROVIDE AN ADDITIONAL FOUR-YEAR WARRANTY ON ALL AIR CONDITIONING COMPRESSORS.</p>

END OF SPECIFICATIONS

DUCTLESS HEAT PUMP UNIT SCHEDULE

MARK	NOM TONS	MFGR	MODEL	TYPE	CFM-HI/LOW	UNIT WEIGHT	ELECT	DIMENSIONS HxWxD	TOTAL MBH	SEER	MIN SEER REG	CAPACITY MBH	HSPF	MIN HSPF REG	ELECTRICAL DATA									
															MARK	MODEL	ELECT	MCA	MOCP	UNIT WEIGHT	MAX REFRIG LENGTH/HEIGHT	DIMENSIONS HxWxD	REMARKS	
															14	23.6	10.5	8.2	DCU-1	RX24BXVJM	208/1/60	16.5	20	105 LBS
DHP-1	2	DAIKIN	FTX24BXVJU	WALL MTD	754/395	35 LBS	208/1/60	12"x40"x12"	21.2	21.0	14	23.6	10.5	8.2	DCU-1	RX24BXVJM	208/1/60	16.5	20	105 LBS	48 / 65	24"x31"x14"	1, 2, 3, 4	
DHP-2	2	DAIKIN	FTX24BXVJU	WALL MTD	754/395	35 LBS	208/1/60	12"x40"x12"	21.2	21.0	14	23.6	10.5	8.2	DCU-2	RX24BXVJM	208/1/60	16.5	20	105 LBS	48 / 65	24"x31"x14"	1, 2, 3, 4	
DHP-4	3	DAIKIN	FTX36BXVJU	WALL MTD	915/512	40 LBS	208/1/60	14"x48"x12"	33.2	16.8	14	35.2	9.0	8.2	DCU-4	RX36MVMJM	208/1/60	18.6	20	135 LBS	48 / 65	24"x31"x14"	1, 2, 3, 4	
DHP-13	3	DAIKIN	FXFQ36TVJU	CASSETTE	1165/617	65 LBS	208/1/60	12"x34"x34"	34.2	23.4	14	40.0	11.1	8.2	DCU-13	RXTQ36TVJVB	208/1/60	19.8	20	180 LBS	48 / 65	34"x31"x12"	1, 2, 3, 5	

1. PROVIDE MANUFACTURER'S THERMOSTAT.
2. REFRIGERANT SHALL BE R410A.
3. PROVIDE INTEGRAL FACTORY CONDENSATE PUMP.
4. ELECTRICAL CONTRACTOR TO PROVIDE POWER CONNECTION TO OUTDOOR UNIT. INDOOR UNIT TO BE SUB-FED FROM OUTDOOR UNIT.
5. ELECTRICAL CONTRACTOR TO PROVIDE INDIVIDUAL POWER CONNECTION FOR OUTDOOR AND INDOOR UNIT.

PACKAGE HEAT PUMP UNIT SCHEDULE

MARK	NOM TONS	MFGR	MODEL	DISCH	CFM MAX	OA	ESP	TOTAL MBH	SENS MBH	SEER	MIN SEER REG	CAPACITY @41° MBH	ELECT. HEATER KW	HSPF	MIN HSPF REG	BHP	HP	ELECTRICAL DATA									
																		MARK	MODEL	ELECT	MCA	MOCP	MFG'S CURB HEIGHT	FILTERS	UNIT WEIGHT	REMARKS	
																		14	47.5	NA	8.7	8.2	--	1.0	460/3/60	12.1	15
RTU-II	4	DAIKIN	DRH04B	DOWN	1600	200	0.5	44.1	44.0	17	14	47.5	NA	8.7	8.2	--	1.0	460/3/60	12.1	15	14"	2" FLEATED	700	1, 2, 3, 4			

1. PROVIDE 25% OUTSIDE AIR HOOD. SET MINIMUM O.A. DAMPER STOP TO THE MINIMUM O.A. REQUIREMENT.
2. PROVIDE LOCKING 7-DAY PROGRAMMABLE HEAT PUMP WI-FI THERMOSTAT. TSTAT SHALL HAVE MIN. 5" SET POINT OVERLAP RESTRICTION, AND OFF-HOUR CONTROLS CAPABLE OF AUTOMATIC STARTUP, AUTOMATIC SETBACK & SHUTDOWN, AND 2 HOUR OVERRIDE. THERMOSTAT SHALL COMPLY WITH THE 2018 IECC SECTIONS C403.4. USE HONEYWELL VISIONPRO 8000 WIFI PROGRAMMABLE THERMOSTAT OR EQUAL.
3. SET THE SUPPLY FAN ON DURING OCCUPIED HOURS THROUGH THE PROGRAMMABLE THERMOSTAT.
4. PROVIDE HAIL GUARD FOR UNITS ON ROOF.

ENERGY RECOVERY VENTILATOR SCHEDULE

MARK	MANUFACTURER	MODEL	EA CFM	OA CFM	DESIGN E.S.P.	ELECTRICAL DATA				DISCONNECT	FILTER	DIMENSIONS (LxWxH)	WEIGHT (LBS)	REMARKS
						MCA	MOCP	ELECTRIC	MOTOR KW					
ERV-1	OXYGENB	B22	1200	1200	0.5	9.06	12.96	240/1/60	0.78	YES(EXISTING)	MERV 10, 2"	14"x22"x50"	450	1, 2, 3

1. PROVIDE 1/4" INSECT SCREEN.
2. PROVIDE MANUFACTURER'S WEATHER HOODS.
3. PROVIDE MANUFACTURER'S 120 VOLT/10 MOTORIZED DAMPER. INTERLOCK ERV OPERATION WITH (E) RTU-12.

DUCT CONSTRUCTION TABLE

DUCT TYPE	DUCT MATERIAL		INSULATION
	RECTANGULAR	SHEET METAL	
SUPPLY/RETURN AIR IN CEILING CAVITY	RECTANGULAR	SHEET METAL	1-1/2" LINER
SUPPLY/RETURN AIR ON ROOF	ROUND	SHEET METAL	1-1/2" WRAP
GENERAL EXHAUST	SHEET METAL		2" LINER
FLEX SA	FLEXIBLE POLYESTER, PVC OR EQUIVALENT		R-6
FLEX RA	FLEXIBLE POLYESTER, PVC OR EQUIVALENT		R-6

- NOTES:
1. GAUGES AND INSTALLATION SHALL BE ACCORDING TO LATEST SHACNA.
 2. SIZES SHOWN ON PLAN FOR DUCTS WITH LINER ARE ACTUAL SHEET METAL DIMENSIONS.
 3. IF INSULATED DUCTS ARE LOCATED OUTSIDE BUILDING ENVELOPE INSULATION, UPSIZE TO 2"

OUTSIDE AIR VENTILATION SCHEDULE PER- IMC-2018 TABLE 403.3

ROOM NAME & NUMBER	AREA FT ²	PEOPLE PER 1000 FT ²	TOTAL PEOPLE	O.A. PER PERSON	CFM/FT ²	OA REQ	EA REQ	CORRECTED O.A. TOTAL	UNIT SERVING	REMARKS
A211 OFFICE	38	5	0.2	5	0.06	3				
A118 BREAK	154	35	5.4	10	0.12	12				
A122 OFFICE	130	5	0.7	5	0.06	11		MAX. ZP = 0.21 VOU / EV = 41	FC-2	150
A123 OFFICE	130	5	0.7	5	0.06	11				
A124 CORR	170	NA	NA	NA	0.06	10				
A124A WAITING	143	30	4.3	5	0.06	30				
A121 OFFICE	222	5	1.1	5	0.06	19				
A127A TRAINING	665	35	23.3	10	0.12	313		MAX. ZP = 0.23 VOU / EV = 441	FC-6	450
A146 STORAGE	86	NA	NA	NA	0.12	10				
A145 STORAGE	86	NA	NA	NA	0.12	10				
A101 LOBBY	344	30	10.3	5	0.06	12				
A101-1 DESK	64	5	0.3	5	0.06	5				
A101-2 INTERVIEW	125	15	1.9	7.5	0.12	24		MAX. ZP = 0.22 VOU / EV = 161	RTU-II	200
A101-3 5TG	46	NA	NA	NA	0.12	6				
A101-4 5TG	212	NA	NA	NA	0.12	25				
A111/A112 HOLDING	302	25	7.6	5	0.12	14	302	MAX. ZP = 0.45 VOU / EV = 551	ERV-1/ ERTU-12	1200
A138 WAITING	138	50	36.9	7.5	0.06	321				