

VENTILATION INDEX									
ROOM NUMBER	ROOM NAME	FLOOR AREA (SQ. FT.)	REQUIRED O.A. PER SQ. FT.	REQUIRED O.A. FOR SPACE	NO. OF PEOPLE	REQUIRED O.A. PER PERSON	REQUIRED O.A. FOR OCCUPANTS	DESIGN O.A (CFM)	REMARKS
100	VEST.	114	0.06	6.84	0	5	0	10	--
101	LOBBY	1172	0.06	70.32	13	5	65	140	--
102	CORRIDOR	846	0.06	50.76	0	5	0	60	--
103	CONF. ROOM	303	0.06	18.18	16	5	80	100	--
104	ADMIN SUITE	356	0.06	21.36	0	5	0	30	--
105	ACCT OFFICE	204	0.06	12.24	3	5	15	30	--
106	REC. STORAGE	303	0.06	18.18	0	5	0	20	--
107	WORK ROOM	146	0.06	8.76	1	5	5	20	--
108	OFFICE MAN.	112	0.06	6.72	1	5	5	20	--
109	ACCT. DIRECTOR	116	0.06	6.96	1	5	5	20	--
110	ADMIN ASSISTANT	104	0.06	6.24	1	5	5	20	--
111	EXEC. DIRECTOR	182	0.06	10.92	1	5	5	20	--
112	MEN'S ROOM	172	0.12	20.64	0	5	0	30	--
113	WOMEN'S ROOM	172	0.12	20.64	0	5	0	30	--
114	MAIL	391	0.06	23.46	0	5	0	30	--
115	CORRIDOR	747	0.06	44.82	0	5	0	50	--
116	CORRIDOR	405	0.06	24.3	0	5	0	30	--
117	MECHANICAL ELECT.	678	0.06	40.68	14	10	140	190	--
118	CENTRAL LAUNDRY DIRTY	311	0.06	18.66	5	25	125	150	--
119	CENTRAL LAUNDRY CLEAN	404	0.06	24.24	3	25	75	100	--
120	MAINTENANCE STORAGE	242	0.06	14.52	0	5	0	20	--
121	MAINT. AREA	493	0.06	29.58	10	10	100	130	--
122	MAINT. AREA	243	0.06	14.58	5	5	25	40	--
123	RECEIVING ROOM	100	0.12	12	0	5	0	20	--
124	CORRIDOR	157	0.06	9.42	0	5	0	10	--
125	EMPLOYEE APP.	101	0.06	6.06	1	5	5	20	--
126	PERSON. ASSISTANT	97	0.06	5.82	1	5	5	20	--
127	PERSON. DIRECTOR	90	0.06	5.4	1	5	5	20	--
128	MAINT. OFFICE	93	0.06	5.58	1	5	5	20	--
129	SEC. ROOM	92	0.06	5.52	1	5	5	20	--
130	TRASH/RECYCLE	1325	0.06	79.5	0	5	0	80	--
131	CORRIDOR	778	0.06	46.68	5	5	25	80	--
132	WOODWORKING	372	0.06	22.32	8	10	80	110	--
133	HOUSEKEEPING SUPPLY	261	0.12	31.32	0	5	0	40	--
134	EMPLOYEE LOUNGE	406	0.06	24.36	10	5	50	80	--
135	EMPLOYEE WOMEN'S LOCKER	230	0.25	57.5	0	5	0	60	--
136	EMPLOYEE MEN'S LOCKER	220	0.25	55	0	5	0	60	--
137	CORRIDOR	107	0.06	6.42	5	5	25	40	--
139	BUSINESS CENTER	311	0.06	18.66	2	5	10	30	--
140	CONVENIENCE STORE/COFFEE	961	0.12	115.32	15	7.5	112.5	230	--
141	LIBRARY	604	0.12	72.48	6	5	30	110	--
142	CORRIDOR	859	0.06	51.54	0	5	0	60	--
143	GAME ROOM	650	0.06	117	14	7.5	105	230	--
144	CLASSROOM	751	0.12	90.12	27	10	270	370	--
145	PREP KITCHEN	500	0.12	60	10	7.5	75	140	--
146	DRY STORAGE	138	0.06	8.28	0	5	0	10	--
147	CORRIDOR	529	0.06	31.74	0	5	0	40	--
148	SCREENING	105	0.06	6.3	1	5	5	20	--
149	SOC. DIRECTOR	105	0.06	6.3	1	5	5	20	--
150	WOMEN'S LOCKER	516	0.25	129	0	5	0	130	--
152	NATATORIUM	2586	0.48	1241.28	50	5	250	1500	--
155	POOL STORAGE	159	0.06	9.54	0	5	0	10	--
156	MEN'S LOCKER	516	0.25	129	0	5	0	130	--
158	CORRIDOR	723	0.06	43.38	0	5	0	50	--
159	CARDIO/STRENGTH	1094	0.06	65.64	11	20	220	290	--
161	SALON	674	0.12	80.88	17	20	340	430	--
162	MIXING	71	0.06	4.26	5	5	25	30	--
163	SPA	143	0.06	8.58	5	5	25	40	--
164	ADMIN SUITE	550	0.06	33	3	5	15	50	--
165	CLOSING ROOM	251	0.06	15.06	2	5	10	30	--
166	WORK ROOM	81	0.06	4.86	1	5	5	10	--
167	DISPLAY	291	0.06	17.46	2	5	10	30	--
168	MARKETING ASST.	132	0.06	7.92	1	5	5	20	--
169	RES. COUNS.	134	0.06	8.04	1	5	5	20	--
170	RES. COUNS.	149	0.06	8.94	1	5	5	20	--
171	MARKETING DIR.	205	0.06	12.3	1	5	5	20	--
172	PACKAGE STORAGE	168	0.06	10.08	0	5	0	20	--
173	STORAGE	95	0.06	5.7	0	5	0	10	--
174	REC. DESK	274	0.06	16.44	6	5	30	50	--
175	CORRIDOR	560	0.06	33.6	0	5	0	40	--
177	CORRIDOR	577	0.06	34.62	0	5	0	40	--
178	LENS	586	0.06	35.34	3	5	15	60	--

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180	STORAGE	79	0.06	4.74	0	5	0	10	--
181	FOOD	625	0.18	112.5	8	7.5	60	180	--
182	PERFORMANCE	2183	0.06	130.98	100	5	500	640	--
185	MAKER/ART	847	0.18	152.46	17	10	170	330	--
188	CORRIDOR	245	0.06	14.7	0	5	50	135	--
189	ACTIVE LEARNING	805	0.12	96.6	29	10	0	20	--
192	MOVEMENT	1125	0.06	67.5	45	20	290	390	--
200	CORRIDOR	1391	0.06	83.46	0	5	0	90	--
201	CORRIDOR	490	0.06	29.4	0	5	0	30	--
207	MULTI-PURPOSE SPACE	960	0.06	57.6	50	5	250	310	--
210	HOST	82	0.06	4.92	1	5	5	10	--
211	DINING	2608	0.18	469.44	50	7.5	375	850	--
212	COCKTAIL LOUNGE	1220	0.18	219.6	10	7.5	75	300	--
213	DESTINATION DINING	827	0.18	148.86	25	7.5	375	850	--
214	CENTRAL KITCHEN	2075	0.12	249	42	7.5	315	570	--
215	LEARNING KITCHEN	896	0.12	107.52	18	7.5	135	250	--
216	PRIVATE DINING	400	0.18	72	30	7.5	225	300	--
217	CORRIDOR	1393	0.06	83.58	0	5	0	90	--

INDOOR VRF AC DUCTED / HEAT PUMP TERMINAL UNIT SCHEDULE																				
(MITSUBISHI AS STANDARD)																				
TAG	ROOM SERVED	QTY	LOW-HIGH (CFM)	COOLING				HEATING TMBH	REFRIG TYPE	PIPE CONNECTIONS (In.)			ELECTRICAL DATA			DIMENSIONS (L x W x H) (In.)	APPROX. WEIGHT (Lbs)	MODEL	MANUFACTURER	NOTES
				TMBH	EADB	EADB	EAWB			RS	RL	COND.	V - Ph - Hz	MCA	MOP					
AC-D-08	REFER TO PLANS	2	194 - 317	8	95	80	67	9	R-410A	1/2"	1/4"	1"	208 - 1 - 60	0.62	15	27-9/16 x 31-1/8 x 7-7/8	42	PEFY-P08NMSU-E	mitsubishi	SEE NOTES BELOW
AC-D-12	REFER TO PLANS	3	211 - 370	12	95	80	67	13.5	R-410A	1/2"	1/4"	1"	208 - 1 - 60	0.67	15	27-9/16 x 31-1/8 x 7-7/8	46	PEFY-P12NMSU-E	mitsubishi	SEE NOTES BELOW
AC-D-18	REFER TO PLANS	1	353 - 529	18	95	80	67	20	R-410A	1/2"	1/4"	1"	208 - 1 - 60	0.88	15	27-9/16 x 39 x 7-7/8	54	PEFY-P18NMSU-E	mitsubishi	SEE NOTES BELOW
AC-D-24	REFER TO PLANS	2	423 - 706	24	95	80	67	27	R-410A	5/8"	3/8"	1"	208 - 1 - 60	1.17	15	27-9/16 x 46-7/8 x 7-7/8	62	PEFY-P24NMSU-E	mitsubishi	SEE NOTES BELOW
AC-D-30	REFER TO PLANS	1	618 - 883	30	95	80	67	34	R-410A	5/8"	3/8"	1 1/4"	208 - 1 - 60	2.73	15	28-7/8 x 43-5/16 x 9-7/8	67	PEFY-P30NMAU-E	mitsubishi	SEE NOTES BELOW
AC-D-36	REFER TO PLANS	5	936 - 1342	36	95	80	67	40	R-410A	5/8"	3/8"	1 1/4"	208 - 1 - 60	4.23	15	28-7/8 x 55-1/8 x 9-7/8	86	PEFY-P36NMAU-E	mitsubishi	SEE NOTES BELOW
AC-D-48	REFER TO PLANS	4	980 - 1400	48	95	80	67	54	R-410A	5/8"	3/8"	1 1/4"	208 - 1 - 60	3.41	15	28-7/8 x 55-1/8 x 9-7/8	86	PEFY-P48NMAU-E	mitsubishi	SEE NOTES BELOW
AC-D-54	REFER TO PLANS	1	989 - 1412	54	95	80	67	60	R-410A	5/8"	3/8"	1 1/4"	208 - 1 - 60	4.18	15	35-7/16 x 47-1/16 x 15	157	PEFY-P54NMHU-E	mitsubishi	SEE NOTES BELOW
NOTES: 1. ALL INDOOR UNITS DUCTED UNITS SHALL BE PROVIDED A CONDENSATE LIFT PUMP FROM THE UNIT MANUFACTURER AND FIELD INSTALLED. 2. EACH CEILING-MOUNTED CASSETTE UNIT SHALL HAVE VARIABLE SPEED DC MOTOR, 4-WAY AIRFLOW GRILLE. 3. PROVIDE W/ WALL-MOUNTED REMOTE CONTROLLERS W/ OCCUPANCY SENSORS FOR AC UNITS IN ALL ROOMS. 4. PROVIDE W/ PROPER REFRIGERANT CHARGE FOR ALL UNITS. 5. REFER TO DWG. FOR VRF SYSTEM & ASSOCIATED ACCU. REFER TO SPEC. SECTION FOR ADDITIONAL INFORMATION. 6. INTERNAL AUTOMATIC TEMPERATURE CONTROLS SHALL BE PROVIDED BY ATC CONTRACTOR. THE ATC CONTRACTOR SHALL SHIP THE DDC CONTROLS FOR ALL UNITS TO THE UNIT MANUFACTURER FOR FACTORY MOUNTING. THE ATC CONTRACTOR SHALL PROVIDE, MOUNT AND WIRE ALL EXTERNAL COMPONENTS. ALL UNITS SHALL BE TIED INTO THE NEW BUILDING MANAGEMENT SYSTEM (BMS). REFER TO ATC DIAGRAMS AND SPECIFICATIONS.																				

INDOOR VRF AC CASSETTES/ HEAT PUMP TERMINAL UNIT SCHEDULE																				
(MITSUBISHI AS STANDARD)																				
TAG	ROOM SERVED	QTY	LOW-HIGH (CFM)	COOLING				HEATING TMBH	REFRIG TYPE	PIPE CONNECTIONS (In.)			ELECTRICAL DATA		DIMENSIONS (L x W x H) (In.)	APPROX. WEIGHT (LBS)	MODEL	MANUFACTURER	NOTES	
				TMBH	EADB	EADB	EAWB			RS	RL	COND.	V - Ph - Hz	MCA						MOP
AC-5	REFER TO PLANS	5	280 - 350	5	95	80	67	6	R-410A	1/2"	1/4"	1"	208 - 1 - 60	0.29	15	22-7/16 x 22-7/16 x 8-3/16	34	PLFY-P05NCMU-E	mitsubishi	SEE NOTES BELOW
AC-8	REFER TO PLANS	4	280 - 350	8	95	80	67	9	R-410A	1/2"	1/4"	1"	208 - 1 - 60	0.29	15	22-7/16 x 22-7/16 x 8-3/16	34	PLFY-P08NCMU-E	mitsubishi	SEE NOTES BELOW
AC-12	REFER TO PLANS	7	320 - 390	12	95	80	67	13.5	R-410A	1/2"	1/4"	1"	208 - 1 - 60	0.35	15	22-7/16 x 22-7/16 x 8-3/16	37	PLFY-P12NCMU-E	mitsubishi	SEE NOTES BELOW
AC-15	REFER TO PLANS	3	320 - 390	15	95	80	67	17	R-410A	1/2"	1/4"	1"	208 - 1 - 60	0.35	15	22-7/16 x 22-7/16 x 8-3/16	37	PLFY-P15NCMU-E	mitsubishi	SEE NOTES BELOW
AC-18	REFER TO PLANS	2	315 - 460	18	95	80	67	20	R-410A	1/2"	1/4"	1-1/4"	208 - 1 - 60	0.5	15	22-7/16 x 22-7/16 x 8-3/16	40	PLFY-P18NFMU-E	mitsubishi	SEE NOTES BELOW
AC-18	REFER TO PLANS	2	494 - 777	24	95	80	67	27	R-410A	3/8"	5/8"	1-1/4"	208 - 1 - 60	0.51	15	33-3/32 x 33-3/32 x 10-3/16	46	PLFY-P24NEMU-E	mitsubishi	SEE NOTES BELOW

NOTES:

1. ALL INDOOR UNITS CEILING CASSETTES SHALL BE PROVIDED A CONDENSATE LIFT PUMP FROM THE UNIT MANUFACTURER AND FIELD INSTALLED.

2. EACH CEILING-MOUNTED CASSETTE UNIT SHALL HAVE VARIABLE SPEED DC MOTOR, 4-WAY AIRFLOW GRILLE.

3. PROVIDE TO WALL MOUNTED TEMPERATURE COMPASSY SENSORS FOR AC UNITS IN ALL ROOMS.

4. PROVIDE W/ PROPER REFRIGERANT CHARGE FOR ALL UNITS.

5. REFER TO VAV FOR VAV SYSTEM & ASSOCIATED ACCESS. REFER TO SPEC SECTION FOR ADDITIONAL INFORMATION.

6. INTERNAL AUTOMATIC TEMPERATURE CONTROLS SHALL BE PROVIDED BY A/C CONTRACTOR. THE A/C CONTRACTOR SHALL SHIP THE DDC CONTROLS FOR ALL UNITS TO THE UNIT MANUFACTURER FOR FACTORY MOUNTING. THE A/C CONTRACTOR SHALL PROVIDE, MOUNT AND WIRE ALL EXTERNAL COMPONENTS. ALL UNITS SHALL BE TIED INTO THE NEW BUILDING MANAGEMENT SYSTEM (BMS). REFER TO A/C DIAGRAMS AND SPECIFICATIONS.