

INDUCTION AIR UNIT SCHEDULE (IND)																														
LOCATION					HEATING COIL DATA														COOLING COIL DATA											
ID	NAME	NO.	MANUFACTURER	MODEL NO.	NOZZLE QTY	SUPPLY AIRFLOW	PRIMARY OUTSIDE AIRFLOW	SP	TOTAL CAPACITY	AIRSIDE EAT(db)	LAT(db)	FLOW	EWT	LWT	PD	GLYCOL TYPE	%	TOTAL CAPACITY	SENSIBLE CAPACITY	AIRSIDE EAT(db)	EAT(wb)	LAT(db)	LAT(wb)	GPM	EWT	LWT	PD	GLYCOL TYPE	%	NOTES
IND-100	FIFTH GRADE CLASSROOM	311	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3,4
IND-101	FIFTH GRADE CLASSROOM	313	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3,4
IND-102	FIFTH GRADE CLASSROOM	313	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3,4
IND-103	FACULTY	226	NUCLIMATE	Q360	31	620 CFM	225 CFM	0.35 in-wg	11187 Btu/h	70.0 °F	95.0 °F	1.5 GPM	130 °F	100 °F	8.2 RH20	PG	40	16262 Btu/h	13813 Btu/h	75.0 °F	62.5 °F	54.0 °F	53.0 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3,4
IND-104	FOURTH GRADE CLASSROOM	331	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.0 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3
IND-105	FOURTH GRADE CLASSROOM	331	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3
IND-106	FOURTH GRADE CLASSROOM	330	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3
IND-107	FOURTH GRADE CLASSROOM	330	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3
IND-108	CHORUS ROOM	133	NUCLIMATE	Q360	31	540 CFM	200 CFM	0.25 in-wg	9070 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	14900 Btu/h	12420 Btu/h	75.0 °F	62.5 °F	51.9 °F	51.1 °F	3.0 GPM	45 °F	55 °F	3.4 RH20	PG	40	1.2,3
IND-109	FIFTH GRADE CLASSROOM	320	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3,4
IND-110	FIFTH GRADE CLASSROOM	320	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3,4
IND-111	FIFTH GRADE CLASSROOM	318	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3,4
IND-112	FIFTH GRADE CLASSROOM	318	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3,4
IND-113	A.I.S. ROOM	321	NUCLIMATE	MINI Q360	24	165 CFM	40 CFM	0.20 in-wg	4683 Btu/h	70.0 °F	95.0 °F	1.5 GPM	130 °F	100 °F	3.2 RH20	PG	40	4991 Btu/h	3976 Btu/h	75.0 °F	62.5 °F	51.9 °F	51.1 °F	3.0 GPM	45 °F	55 °F	3.4 RH20	PG	40	1.2,3,4
IND-114	ESL CLASSROOM	322	NUCLIMATE	Q360	31	620 CFM	225 CFM	0.35 in-wg	9479 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	16262 Btu/h	13813 Btu/h	75.0 °F	62.5 °F	54.0 °F	53.0 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3,4
IND-115	FOURTH GRADE CLASSROOM	317	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3,4
IND-116	FOURTH GRADE CLASSROOM	317	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3,4
IND-117	FOURTH GRADE CLASSROOM	319	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3,4
IND-118	FOURTH GRADE CLASSROOM	319	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3,4
IND-119	FOURTH GRADE CLASSROOM	323	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3
IND-120	FOURTH GRADE CLASSROOM	323	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3
IND-121	FOURTH GRADE CLASSROOM	329	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3
IND-122	FOURTH GRADE CLASSROOM	329	NUCLIMATE	Q360	38	810 CFM	300 CFM	0.45 in-wg	10121 Btu/h	70.0 °F	95.0 °F	1.0 GPM	130 °F	100 °F	3.8 RH20	PG	40	19188 Btu/h	16947 Btu/h	75.0 °F	62.5 °F	55.8 °F	54.5 °F	3.0 GPM	45 °F	55 °F	9.9 RH20	PG	40	1.2,3
NOTES: 1 PROVIDE UNIT WITH COOLING CONDENSATE DRAIN PAN 2 PROVIDE A CONDENSATE TRAP, TRAP TO BE PROVIDED BY UNIT MANUFACTURER 3 UNIT TO BE FULLY INSULATED 4 PROVIDE UNIT WITH A 3" EXTENSION COLLAR, TO RAISE CONDENSATE OUTLET DIMENSION ABOVE CEILING 5 PROVIDE UNIT WITH A 6" EXTENSION COLLAR, TO RAISE CONDENSATE OUTLET DIMENSION ABOVE CEILING																														

VENTILATION AIR SCHEDULE														
LOCATION		ROOM AREA (S.F.)	OCCUPANT DENSITY	OCCUPANT NUMBER	CFM PER PERSON	CFM PER SQFT	ZONE OA AIRFLOW	ZONE AIR DISTRIBUTION EFFECTIVENESS	TOTAL REQUIRED OA	ACTUAL OA	CFM PER SQFT EA	REQUIRED EA	ACTUAL EA	
NO.	NAME													
101	LOBBY	837	150	126	5	0.06	680.22	0.8	851	860	0	0	0	
104	GYMNASIUM	6682	7	47	20	0.18	2142.76	0.8	2679	3200	0	0	0	
106A	OFFICE	93	5	1	5	0.06	10.58	0.8	14	20	0	0	0	
106B	CORRIDOR	125	0	0	0	0.06	7.5	0.8	10	10	0	0	0	
106C	LOCKER ROOM	240	0	0	0	0	0	0.8	0	250	0.25	60	70	
106D	TOILET	151	0	0	0	0	0	0.8	0	0	0	190	190	
107A	OFFICE	98	5	1	5	0.06	10.88	0.8	14	20	0	0	0	
107B	CORRIDOR	128	0	0	0	0.06	7.68	0.8	10	10	0	0	0	
107C	LOCKER ROOM	215	0	0	0	0	0	0.8	0	250	0.25	53.75	70	
107D	TOILET	138	0	0	0	0	0	0.8	0	0	0	190	190	
109	CAFETERIA	2987	100	244	7.5	0.18	2367.66	0.8	2960	2975	0	0	0	
111	KITCHEN	1244	20	25	7.5	0.12	336.78	0.8	421	425	0.7	870.8	0	
111A	DISHWASHING	240	20	5	7.5	0.12	66.3	0.8	83	90	0.7	168	0	
111B	ELEVATOR MACHINE ROOM	26	0	0	0	0	0	0.8	0	0	0	0	70	
111C	DRY STORAGE	284	0	0	0	0	0	0.8	0	0	0	0	0	
111D	COOLER	103	0	0	0	0	0	0.8	0	0	0	0	0	
111E	FREEZER	112	0	0	0	0	0	0.8	0	0	0	0	0	
111F	OFFICE	105	5	1	5	0.06	11.3	0.8	15	0	0	0	0	
111G	RECEIVING	148	0	0	0	0	0	0.8	0	0	0	0	0	
111H	TOILET	67	0	0	0	0	0	0.8	0	0	0	70	70	
112	ADMIN	507	10	6	5	0.06	60.42	0.8	76	100	0	0	0	
112A	ASSISTANT PRINCIPAL	121	5	1	5	0.06	12.26	0.8	16	40	0	0	0	
112B	CONFERENCE	134	50	7	5	0.06	43.04	0.8	54	100	0	0	0	
112C	PRINCIPAL	133	5	1	5	0.06	12.98	0.8	17	40	0	0	0	
112D	COPY ROOM	117	0	0	10	0.12	14.04	0.8	18	40	0	0	0	
112F	BREAK ROOM	53	5	1	10	0.06	8.18	0.8	11	40	0	0	0	
112G	TOILET	57	0	0	0	0	0	0.8	0	0	0	70	70	
113	CLRM	1138	25	29	10	0.12	426.56	0.8	534	600	0	0	0	
113A	TOILET	57	0	0	0	0	0	0.8	0	0	0	70	70	
114	CLRM	1125	25	29	10	0.12	425	0.8	532	600	0	0	0	
114A	TOILET	57	0	0	0	0	0	0.8	0	0	0	70	70	
115	CLRM	1022	25	26	10	0.12	382.64	0.8	479	600	0	0	0	
115A	TOILET	46	0	0	0	0	0	0.8	0	0	0	70	70	
116	CLRM	1022	25	26	10	0.12	382.64	0.8	479	600	0	0	0	
116A	TOILET	46	0	0	0	0	0	0.8	0	0	0	70	70	
117A	STORAGE	46	0	0	0	0	0	0.8	0	0	0	0	0	
118	GIRLS	163	0	0	0	0	0	0.8	0	0	0	140	140	
119	JANITOR	28	0	0	0	0	0	0.8	0	0	0	70	70	
120	BOYS	162	0	0	0	0	0	0.8	0	0	0	140	140	
121	FACULTY	46	0	0	0	0	0	0.8	0	0	0	70	70	
122	NURSE	470	5	3	5	0.06	43.2	0.8	54	40	0	0	0	
122A	EXAM	95	5	1	5	0.06	10.7	0.8	14	40	0	0	0	
122B	TOILET	66	0	0	0	0	0	0.8	0	0	0	70	70	
123	CLRM	823	25	21	10	0.12	308.76	0.8	386	450	0	0	0	
123A	TOILET	76	0	0	0	0	0	0.8	0	0	0	70	70	
124	AIS	277	5	2	5	0.06	26.62	0.8	34	40	0	0	0	
125	CLRM	826	25	21	10	0.12	309.12	0.8	387	450	0	0	0	
125A	TOILET	71	0	0	0	0	0	0.8	0	0	0	70	70	
126	CLRM	819	25	21	10	0.12	308.28	0.8	386	450	0	0	0	
127	CLRM	723	25	19	10	0.12	276.76	0.8	346	450	0	0	0	
128	CLRM	806	25	21	10	0.12	306.72	0.8	384	450	0	0	0	
129	CLRM	805	25	21	10	0.12	306.6	0.8	384	450	0	0	0	
129A	TOILET	61	0	0	0	0	0	0.8	0	0	0	70	70	
130	CLRM	712	25	18	10	0.12	265.44	0.8	332	450	0	0	0	
133	CHORUS	807	35	29	10	0.12	386.84	0.8	484	600	0	0	0	
133A	TOILET	55	0	0	0	0	0	0.8	0	0	0	70	70	
136	CLRM	901	25	23	10	0.12	338.12	0.8	423	450	0	0	0	
137	CLRM	845	25	22	10	0.12	321.4	0.8	402	450	0	0	0	
1301	CLRM	909	25	23	10	0.12	339.08	0.8	424	450	0	0	0	
202	CLRM	905	25	23	10	0.12	338.6	0.8	424	450	0	0	0	
203	GIRLS	178	5	1	5	0.06	15.68	0.8	20	40	0	0	0	
204	CONFERENCE	190	10	5	10	0.06	61.4	0.8	77	40	0	0	0	
205	CLRM	815	25	21	10	0.12	307.8	0.8	385	450	0	0	0	
206	COOL DOWN ROOM	116	5	1	5	0.06	11.96	0.8	15	40	0	0	0	
207	CLRM	815	25	21	10	0.12	307.8	0.8	385	450	0	0	0	
208	PSYCHOLOGIST OFFICE	187	5	1	5	0.06	16.22	0.8	21	40	0	0	0	
209	SOCIAL WORKER	173	5	1	5	0.06	15.38	0.8	20	40	0	0	0	
211	GIRLS	168	0	0	0	0	0	0.8	0	0	0	140	140	