

EXHAUST FAN SCHEDULE														MOTOR DATA		REMARKS	CONTROLLED BY
UNIT NO.	LOCATION	SERVICE	C.F.M.	E.S.P. I.W.G.	TYPE	DRIVE	FAN R.P.M.	MAX. SONES	H.P., AMPS, OR WATTS	VOLTS	PH. HZ.	R.P.M.	ENCL.				
EF-1	CEILING SPACE	RM 1309	300	.30"	INLINE	DIRECT	1247	5.2	1/10	120	1/60	1000	ODP	GREENHECK MODEL SQ-90-D OR PPROVED EQUAL	INTERCONNECT WITH AHU-1		
EF-2	CEILING SPACE	RM 1310	300	.30"	INLINE	DIRECT	1247	5.2	1/10	120	1/60	1000	ODP	GREENHECK MODEL SQ-90-D OR PPROVED EQUAL	INTERCONNECT WITH AHU-1		
EF-3	CEILING SPACE	RM 1409	300	.30"	INLINE	DIRECT	1247	5.2	1/10	120	1/60	1000	ODP	GREENHECK MODEL SQ-90-D OR PPROVED EQUAL	INTERCONNECT WITH AHU-5		
EF-4	CEILING SPACE	RM 1410	300	.30"	INLINE	DIRECT	1247	5.2	1/10	120	1/60	1000	ODP	GREENHECK MODEL SQ-90-D OR PPROVED EQUAL	INTERCONNECT WITH AHU-5		
EF-5	CEILING SPACE	RM 2310	300	.25"	INLINE	DIRECT	1170	4.7	1/10	120	1/60	1000	ODP	GREENHECK MODEL SQ-90-D OR PPROVED EQUAL	INTERCONNECT WITH AHU-10		
EF-6	CEILING SPACE	RM 2309	300	.25"	INLINE	DIRECT	1170	4.7	1/10	120	1/60	1000	ODP	GREENHECK MODEL SQ-90-D OR PPROVED EQUAL	INTERCONNECT WITH AHU-10		
EF-7	CEILING SPACE	RM 2409	300	.25"	INLINE	DIRECT	1170	4.7	1/10	120	1/60	1000	ODP	GREENHECK MODEL SQ-90-D OR PPROVED EQUAL	INTERCONNECT WITH AHU-13		
EF-8	CEILING SPACE	RM 2410 & RM 2412	425	.25"	INLINE	DIRECT	1288	6.3	1/15	120	1/60	1100	ODP	GREENHECK MODEL SQ-95-G OR APPROVED EQUAL	INTERCONNECT WITH AHU-13		
EF-9	CEILING SPACE	RM 1504,1505	750	.30"	INLINE	DIRECT	928	3.9	1/16	120	1/60	1140	ODP	GREENHECK MODEL SQ-120-B OR APPROVED EQUAL	INTERCONNECT WITH AHU-6		
EF-10	CEILING SPACE	RM 1601	450	.30"	INLINE	DIRECT	1288	6.3	1/15	120	1/60	1100	ODP	GREENHECK MODEL SQ-95-G OR APPROVED EQUAL	CONTROLLED WITH SEPARATE SWITCH		
EF-11	CEILING SPACE	RM 1602	450	.30"	INLINE	DIRECT	1288	6.3	1/15	120	1/60	1100	ODP	GREENHECK MODEL SQ-95-G OR APPROVED EQUAL	CONTROLLED WITH SEPARATE SWITCH		
EF-12	CEILING SPACE	RM 1515	75	.25"	CABINET	DIRECT	700	3.0	50 WATTS	120	1/60	1100	ODP	GREENHECK MODEL SP-B90 OR APPROVED EQUAL	CONTROLLED WITH SEPARATE SWITCH		
EF-13	CEILING SPACE	RM 1124, 1123, 1125, 1207, 1209	825	.35"	INLINE	DIRECT	1012	4.7	1/16	120	1/60	900	ODP	GREENHECK MODEL SQ-120-B OR APPROVED EQUAL	INTERCONNECT WITH AHU-3		
EF-14	CEILING SPACE	RM 1137, 1132, 1134	750	.35"	INLINE	DIRECT	965	4.2	1/16	120	1/60	1140	ODP	GREENHECK MODEL SQ-120-B OR APPROVED EQUAL	INTERCONNECT WITH AHU-4		
EF-15	CEILING SPACE	RM 1114, 1102, 1103, 1112	325	.35"	INLINE	DIRECT	1348	5.8	1/10	120	1/60	1100	ODP	GREENHECK MODEL SQ-90-D OR APPROVED EQUAL	INTERCONNECT WITH AHU-3		
EF-16	CEILING SPACE	RM 1524	75	.25"	CABINET	DIRECT	700	3.0	50 WATTS	120	1/60	1100	ODP	GREENHECK MODEL SP-B90 OR APPROVED EQUAL	CONTROLLED WITH SEPARATE SWITCH		
EF-17	CEILING SPACE	RM 1527	75	.25"	CABINET	DIRECT	700	3.0	50 WATTS	120	1/60	1100	ODP	GREENHECK MODEL SP-B90 OR APPROVED EQUAL	CONTROLLED WITH SEPARATE SWITCH		
EF-18	CEILING SPACE	RM 1403, 1411	350	.25"	INLINE	DIRECT	1378	6.1	1/10	120	1/60	1100	ODP	GREENHECK MODEL SQ-90-D OR APPROVED EQUAL	INTERCONNECT WITH AHU-5		
EF-19	CEILING SPACE	RM 1210, 1206	180	.35"	INLINE	DIRECT	1550	4.8	1/30	120	1/60	1140	ODP	GREENHECK MODEL SQ-75-D OR APPROVED EQUAL	INTERCONNECT WITH AHU-2		
EF-20	CEILING SPACE	RM 2216	100	.25"	CABINET	DIRECT	950	2.3	80 WATTS	120	1/60	1100	ODP	GREENHECK MODEL SP-B110 OR APPROVED EQUAL	CONTROLLED WITH SEPARATE SWITCH		
EF-21	CEILING SPACE	RM 2211	625	.25"	INLINE	BELT	1009	7.2	1/4	120	1/60	1725	TEFC	GREENHECK MODEL BSQ-100-4 OR APPROVED EQUAL	INTERCONNECT WITH AHU-12		
EF-22	CEILING SPACE	RM 2209	625	.25"	INLINE	BELT	1009	7.2	1/4	120	1/60	1725	ODP	GREENHECK MODEL BSQ-100-4 OR APPROVED EQUAL	INTERCONNECT WITH AHU-12		
EF-23	CEILING SPACE	RM 2208, 2222	175	.25"	INLINE	DIRECT	1550	4.8	1/30	120	1/60	1100	ODP	GREENHECK MODEL SQ-75-D OR APPROVED EQUAL	CONTROLLED WITH SEPARATE SWITCH		
EF-24	CEILING SPACE	RM 2204	75	.35"	CABINET	DIRECT	700	3.0	50 WATTS	120	1/60	1100	ODP	GREENHECK MODEL SP-B90 OR APPROVED EQUAL	CONTROLLED WITH SEPARATE SWITCH		
EF-25	ROOF MOUNT	DISHWASHER	600	0.5"	UPBLAST	BELT	1,508	11.6	1/4	120	1/60	1725	TEFC	GREENHECK MODEL CUBE-098-4 OR PRIOR-APPROVED EQUAL	SEPERATE SWITCH ON FACE OF HOOD		
EF-26	ROOF MOUNT	KITCHEN HOOD	7,000	1.25"	ROOF	BELT	911	2.2	5.0	480	3/60	1725	TEFC	GREENHECK MODEL CUBE-330HP-50 OR PRIOR-APPROVED EQUAL	SEPERATE SWITCH ON FACE OF HOOD		
EF-27	CEILING SPACE	RM 2215	100	.25"	CABINET	DIRECT	950	2.3	80 WATTS	120	1/60	1100	ODP	GREENHECK MODEL SP-B110 OR APPROVED EQUAL	CONTROLLED WITH SEPARATE SWITCH		
EF-28	WALL MOUNT	CONCESSION	350	0.125"	PROP	DIRECT	864	5.0	1/12	120	1/60	1100	TEFC	GREENHECK MODEL SE1-12-432-G OR APPROVED EQUAL	CONTROLLED BY THERMOSTAT		
EF-29	CEILING SPACE	RM 1205	75	.25"	CABINET	DIRECT	700	3.0	50 WATTS	120	1/60	1100	ODP	GREENHECK MODEL SP-B90 OR APPROVED EQUAL	CONTROLLED WITH SEPARATE SWITCH		
EF-30	CEILING SPACE	RM 1138	1000	.30"	INLINE	BELT	1409	11.2	1/4	120	1/60	1725	ODP	GREENHECK MODEL BSQ-100-4 OR APPROVED EQUAL	CONTROLLED BY THERMOSTAT ON WALL		
EF-31	CEILING SPACE	RM 1212	175	.30"	CABINET	DIRECT	852	2.6	83 WATTS	120	1/60	1000	ODP	GREENHECK MODEL SP-A2500R APPROVED EQUAL	CONTROLLED BY THERMOSTAT ON WALL		
EF-32	CEILING SPACE	RM 1202	175	.30"	CABINET	DIRECT	852	2.6	83 WATTS	120	1/60	1000	ODP	GREENHECK MODEL SP-A2500R APPROVED EQUAL	CONTROLLED BY THERMOSTAT ON WALL		
EF-33	CEILING SPACE	RM 2219	175	.30"	CABINET	DIRECT	852	2.6	83 WATTS	120	1/60	1000	ODP	GREENHECK MODEL SP-A2500R APPROVED EQUAL	CONTROLLED BY THERMOSTAT ON WALL		
EF-34	CEILING SPACE	RM 2205	175	.30"	CABINET	DIRECT	852	2.6	83 WATTS	120	1/60	1000	ODP	GREENHECK MODEL SP-A2500R APPROVED EQUAL	CONTROLLED BY THERMOSTAT ON WALL		
EF-35	CEILING SPACE	RM 2212	175	.30"	CABINET	DIRECT	852	2.6	83 WATTS	120	1/60	1070	ODP	GREENHECK MODEL SP-A2500R APPROVED EQUAL	CONTROLLED BY THERMOSTAT ON WALL		
EF-36	CEILING SPACE	RM 1507	400	.30"	CABINET	DIRECT	1030	4.8	224 WATTS	120	1/60	1070	ODP	GREENHECK MODEL SP-A510 OR APPROVED EQUAL	CONTROLLED BY THERMOSTAT ON WALL		
EF-37	WALL MOUNT	STORAGE BUILDING	800	0.25"	PROP	DIRECT	1083	7	1/6	120	1/60	1160	ODP	GREENHECK MODEL SE1-14-440-B6 OR APPROVED EQUAL	CONTROLLED BY THERMOSTAT ON WALL		
EF-38	CEILING SPACE	RM 1527	75	.25"	CABINET	DIRECT	700	3.0	50 WATTS	120	1/60	1100	ODP	GREENHECK MODEL SP-B90 OR APPROVED EQUAL	CONTROLLED WITH SEPARATE SWITCH		
SF-1	ROOF MOUNT	KITCHEN HOOD	5,600	.75"	UPBLAST	BELT	797	23.0	3.0	480	3/60	1725	TEFC	GREENHECK MODEL KSF-115-H20 OR PRIOR-APPROVED EQUAL	INTERCONNECT WITH EF-26		
SF-2	RM 1224	AHU-1	2000	.50"	INLINE	BELT	1688	15.9	3/4	480	3/60	1725	TEFC	GREENHECK MODEL SQB-130 OR APPROVED EQUAL	CONTROLLED W/ VFD AND CO2 SENSOR		
SF-3	RM 1206	AHU-2	800	.50"	INLINE	BELT	2220	22.0	1/2	480	3/60	1725	TEFC	GREENHECK MODEL SQB-80 OR APPROVED EQUAL	CONTROLLED W/ VFD AND CO2 SENSOR		
SF-4	RM 1141	AHU-3	650	.50"	INLINE	BELT	1906	17.4	1/3	480	3/60	1725	TEFC	GREENHECK MODEL SQB-80 OR APPROVED EQUAL	CONTROLLED W/ VFD AND CO2 SENSOR		
SF-5	RM 1225	AHU-5	2000	.50"	INLINE	BELT	1688	15.9	3/4	480	3/60	1725	TEFC	GREENHECK MODEL SQB-130 OR APPROVED EQUAL	CONTROLLED W/ VFD AND CO2 SENSOR		
SF-6	RM 2218	AHU-10	2000	.50"	INLINE	BELT	1688	15.9	3/4	480	3/60	1725	TEFC	GREENHECK MODEL SQB-130 OR APPROVED EQUAL	CONTROLLED W/ VFD AND CO2 SENSOR		
SF-7	RM 2207	AHU-12	2500	.50"	INLINE	BELT	1493	15.9	3/4	480	3/60	1725	TEFC	GREENHECK MODEL SQB-140 OR APPROVED EQUAL	CONTROLLED W/ VFD AND CO2 SENSOR		
SF-8	RM 2206	AHU-13	2000	.50"	INLINE	BELT	1688	15.9	3/4	480	3/60	1725	TEFC	GREENHECK MODEL SQB-130 OR APPROVED EQUAL	CONTROLLED W/ VFD AND CO2 SENSOR		
SF-9	RM 2413	MECHANICAL ROOM	225	0.20"	INLINE	BELT	1178	4.5	1/12	120	1/60	1550	TEAO	GREENHECK MODEL SQ-80-D OR APPROVED EQUAL	CONTROLLED BY THERMOSTAT ON WALL		

1. PROVIDE ALL EXHAUST FANS WITH BACKDRAFT DAMPERS AND INTERGAL DISCONNECTS.
2. CO-ORDINATE WITH ELECTRICAL CONTRACTOR ON CONNECTION OF FAN, REFER TO SCHEDULES.
3. PROVIDE SPEED CONTROLLERS FOR ALL DIRECT DRIVE FANS.
4. PROVIDE PRE-FABRICATED ROOF CURBS FOR ALL SUPPLY & EXHAUST FANS.
5. PROVIDE ALL SUPPLY FANS WITH WASHABLE ALUMINUM FILTERS
6. MANUFACTURERS MODEL NUMBER REPRESENTS QUALITY OF EQUIPMENT TO BE INSTALLED, THIS PROJECT.
7. ALL FANS TO HAVE INSULATED FAN HOUSINGS.
8. ALL SWITCHES THAT CONTROL EXHAUST FANS IN JANITORS CLOSETS/RESTROOMS, ETC. SHALL HAVE A PILOT LIGHT.
9. PROVIDE STEP DOWN TRANSFORMER (BY UNIT MANUFACTURER, SIZED FOR FAN ONLY) FOR ALL FANS INTERCONNECTED WITH LIGHTS.
10. PROVIDE STEP DOWN TRANSFORMER (BY UNIT MANUFACTURER, SIZED FOR FAN ONLY) FOR ALL FANS INTERCONNECTED WITH LIGHTS.
11. PRIOR APPROVED MANUFACTURERS: LOREN COOK, PENN/BARRY

ROOF HOOD SCHEDULE					
UNIT NO.	LOCATION	SERVICE	NECK SIZE	PD (IN W.C.)	REMARKS
RH-1	ROOF MOUNT	INTAKE	10"	0.10	LOW PROFILE TYPE, GREENHECK MODEL GSRI (ON 10" HIGH PREFABRICATED CURB) OR APPROVED EQUAL

DUCTLESS MINI-SPLIT SYSTEM																		
UNIT NO.	LOCATION	SERVICE	FAN DATA (INDOOR UNIT)					COOLING DATA			HEATING DATA			COMPRESSOR DATA		ELECTRIC SERVICE	MANUFACTURER	REMARKS
			TOTAL C.F.M.	O.A. C.F.M.	EXT S.P.	MCA	F.L. AMPS	WATTS	AMPS	TOTAL CAP. M.B.H.	WATTS	AMPS	TOTAL CAP. M.B.H.	MCA	MAX. FUSE			
ERU-1 THRU ERU-6 ECU-1 THRU ECU-6	SEE DRAWINGS	SEE DRAWINGS	300	-	-	1.2	0.95	870	-	9.5	-	-	-	14	15	120/1/60	MITSUBISHI	ERU TO BE MODEL # MS-A09WA, ECU TO BE MODEL # MU-A09WA

1. LIQUID & SUCTION LINES SHALL BE SIZED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS WITH CONSIDERATION FOR ALL ACCESSORIES, LENGTH OF RUN, TURNS, AND ELEVATION CHANGES TO INSURE PROPER OPERATION AND CAPACITY.
2. CONTRACTOR TO PROVIDE REMOTE WALL MOUNTED THERMOSTAT, LOCATE BY LIGHT SWITCH.
3. PROVIDE TEMPERATURE SENSOR ON WALL NEXT TO THERMOSTAT, INTERCONNECT TEMP. SENSOR WITH BUILDING EMS.
4. PROVIDE LOW AMBIENT OPERATION KIT.
5. DAIKIN APPROVED EQUAL.

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MADISONVILLE, LOUISIANA
STPSB PROJECT #0825

PROJ. NO. **0825**
DATE **06.25.09**

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