

PACKAGED ROOFTOP AIR HANDLER SCHEDULE

SYMBOL	RTU-1 & 2	
MANUFACTURER	CARRIER	
MODEL NUMBER	50AK060GE611FK	
COIL	TOT. CAP. (B.T.U.H.)	661,220
	SEN. CAP. (B.T.U.H.)	488,600
	ENTER. AIR (D.B.)	76
	ENTER. AIR (W.B.)	63
	LEAVING AIR (W.B.)	52.7
	LEAVING AIR (W.B.)	51.0
SUPPLY AIR FAN	C.F.M.	20,000
	EXT. STATIC PRESS.	3.50
	TOT. STATIC PRESS.	
	MOTOR H.P.	30.0
	R.P.M.	1150
	B.H.P.	28.4
CONDENSER FAN	VOLTAGE	480/3/60
	NUMBER	6
COMPRESSOR	H.P.	1.0 EACH
	FLA	3.3 EACH
	RLA CIR A, NO. 1, 2	20.2, 22.4
	RLA CIR B, NO. 1, 2	20.2, 22.4
ELECTRICAL	LRA CIR A, NO. 1, 2	135, 175
	LRA CIR B, NO. 1, 2	135, 175
	VOLTAGE	480/3/60
	MCA	173.9
ELECTRICAL	MOCP	200
	VOLTAGE	480/3/60
UNIT WEIGHT (LBS.)	8078 + CURB	
OUTSIDE AIRFLOW (C.F.M.)	2000 EACH	

REMARKS:
 PROVIDE WITH BAROMETRIC PRESSURE RELIEF, VERTICAL SUPPLY AND RETURN WITH VAV CONTROLS, ECONOMIZER, 115V CONVENIENCE OUTLET AND 24" HIGH SEISMIC ROOF CURBS (CURB FOR RTU-1 SHALL BE A RETURN AIR PLENUM CURB - SEE DETAILS). WIRE UNITS TO EMS.

FIRST FLOOR VAV BOX SCHEDULE

BOX NO.	IFEH/CO	INLET	DESIGN AIRFLOW (CFM)	MAX. AIRFLOW (CFM)	MIN. COOLING (CFM)	TOTAL HEATING (CFM)	FAN (CFM)	HEATER KW	MFG.	MODEL NO.	UNIT VOLTAGE	FAN VOLTAGE
100	IFEH	8"	400	900	93	350	257	3.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
102	CO	12"	1500	2000	210	-----	-----	-----	CARRIER	35EC	277-1-60	-----
104	IFEH	14"	2050	2800	285	1680	1395	13.0	CARRIER	45MC	460-3-60 5 WIRE	277-1-60
106	CO	10"	900	1450	145	-----	-----	-----	CARRIER	35EC	277-1-60	-----
107	IFEH	8"	600	900	93	540	445	6.0	CARRIER	45MC	460-3-60 5 WIRE	277-1-60
108	IFEH	8"	600	900	93	540	445	6.0	CARRIER	45MC	460-3-60 5 WIRE	277-1-60
110	IFEH	14"	2050	2800	285	1680	1395	13.0	CARRIER	45MC	460-3-60 5 WIRE	277-1-60
112	CO	12"	1400	2000	210	-----	-----	-----	CARRIER	35EC	277-1-60	-----
114	CO	12"	1500	2000	210	-----	-----	-----	CARRIER	35EC	277-1-60	-----
116	IFEH	8"	450	900	93	400	307	3.0	CARRIER	45MC	460-3-60 5 WIRE	277-1-60
118	IFEH	10"	1300	1450	145	870	725	6.0	CARRIER	45MC	460-3-60 5 WIRE	277-1-60
120	IFEH	8"	400	900	93	350	257	3.0	CARRIER	45MC	460-3-60 5 WIRE	277-1-60
122	CO	12"	1400	2000	210	-----	-----	-----	CARRIER	35EC	277-1-60	-----
124	IFEH	14"	2000	2800	285	1680	1395	13.0	CARRIER	45MC	460-3-60 5 WIRE	277-1-60
126	CO	12"	1600	2000	210	-----	-----	-----	CARRIER	35EC	277-1-60	-----
128	IFEH	14"	2000	2800	285	1680	1395	13.0	CARRIER	45MC	460-3-60 5 WIRE	277-1-60
130	CO	12"	1500	2000	210	-----	-----	-----	CARRIER	35EC	277-1-60	-----
132	CO	12"	1500	2000	210	-----	-----	-----	CARRIER	35EC	277-1-60	-----
134	IFEH	10"	900	1450	145	870	725	6.0	CARRIER	45MC	460-3-60 5 WIRE	277-1-60
136	IFEH	8"	360	900	93	310	217	3.0	CARRIER	45MC	460-3-60 5 WIRE	277-1-60

SECOND FLOOR VAV BOX SCHEDULE

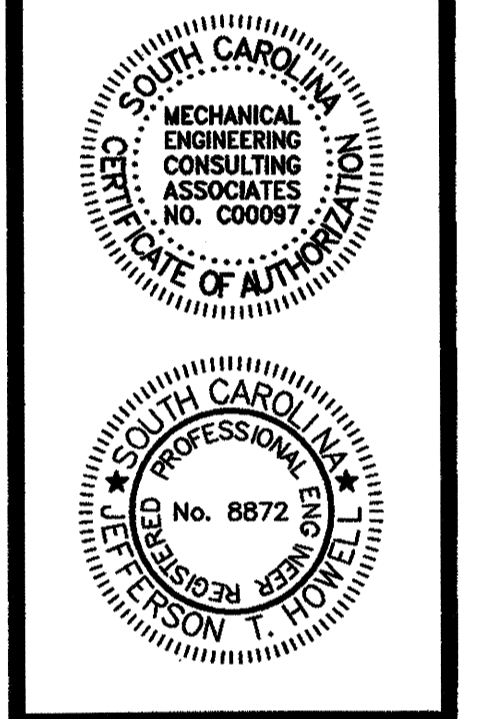
BOX NO.	IFEH/CO	INLET	DESIGN AIRFLOW (CFM)	MAX. AIRFLOW (CFM)	MIN. COOLING (CFM)	TOTAL HEATING (CFM)	FAN (CFM)	HEATER KW	MFG.	MODEL NO.	UNIT VOLTAGE	FAN VOLTAGE
200	IFEH	8"	420	900	93	370	277	4.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
202	IFEH	12"	1500	2000	210	1200	990	10.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
204	IFEH	14"	2600	2800	285	1680	1395	13.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
206	IFEH	10"	900	1400	145	840	695	6.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
208	IFEH	14"	2600	2800	285	1680	1395	13.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
210	IFEH	12"	1500	2000	210	1200	990	10.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
212	IFEH	12"	1500	2000	210	1200	990	10.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
214	IFEH	8"	450	900	93	400	307	4.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
216	IFEH	12"	1400	2000	210	1200	990	10.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
218	IFEH	8"	400	900	93	350	257	4.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
220	IFEH	12"	1600	2000	210	1200	990	10.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
222	IFEH	14"	2300	2800	285	1680	1395	13.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
224	IFEH	12"	1600	2000	210	1200	990	10.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
226	IFEH	14"	2300	2800	285	1680	1395	13.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
228	IFEH	12"	1500	2000	210	1200	990	10.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
230	IFEH	12"	1500	2000	210	1200	990	10.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
232	IFEH	10"	1100	1450	145	870	725	6.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60
234	IFEH	8"	400	900	93	350	257	4.0	CARRIER	45MC	480-3-60 5 WIRE	277-1-60

REVISIONS		
No.	Date	Description



Job Number : 105261
 Designed : 11/11/05
 Plot Date : 01/09/06
 Drawn : AKK
 Approved By : JTH

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Project: OFFICES AT BELLE HALL BUILDING TWO MOUNT PLEASANT, SC
 Sheet Title: MECHANICAL SCHEDULES



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