

KITCHEN EXHAUST FAN SCHEDULE

MARK	MANUF./MODEL #	TYPE	CFM	E.S.P. IWG	HP	FAN RPM	VOLT/Ø	B.D.D.	DRIVE	OPER. WT.	REMARKS
1	JENCOFAN STXDRHUL1475SC	ROOF	1800	1.25	0.75	1543	115/1/60	YES	DIRECT	117 LBS.	FAN SHALL RUN CONTINUOUSLY DURING HOURS OF OPERATION

KITCHEN MAKEUP AIR FAN SCHEDULE

MARK	MANUF./MODEL #	TYPE	CFM	E.S.P. IWG	HP	FAN RPM	VOLT/Ø	B.D.D.	DRIVE	OPER. WT.	REMARKS
1	JENCOFAN KSFY10-1/2	ROOF	1440	0.5	0.5	751	115/1/60	YES	DIRECT	217 LBS.	INTERLOCK MAKEUP AIR FAN WITH KEF-1

EXHAUST FAN SCHEDULE

MARK	MANUF./MODEL #	TYPE	CFM	E.S.P. IWG	WATTS/HP	FAN RPM	VOLT/Ø	B.D.D.	DRIVE	OPER. WT.	REMARKS
1 THRU 25	GREENHECK SPA-70	CEILING	75	.25	15.9 W	850	115/1	YES	DIRECT	14.2 LBS.	INTERLOCK WITH LIGHT SWITCH
26&27	GREENHECK SPA-150	CEILING	150	.25	128 W	1100	115/1	YES	DIRECT	20 LBS.	INTERLOCK WITH LIGHT SWITCH
28&29	GREENHECK SP-A125	CEILING	100	.25	53 W	1100	115/1	YES	DIRECT	20 LBS.	CONTROL BY THERMOSTAT. EXHAUST FAN TO OPERATE WHEN ROOM TEMPERATURE EXCEEDS 85°F

PACKAGED AIR HANDLING UNIT SCHEDULE

MARK	NOMINAL TONS	MANUFACTURER MODEL #	AIR CAPACITIES				SEER/EER	ELECTRICAL DATA			OP. UNIT WT. LBS.	UNIT HT. W/ PAD	
			TOTAL CFM	OA CFM	ESP IWG	BLOWER HP		INPUT/# ELEM.	MCA	MOC			VOLT/Ø
8	5.0	DAIKIN MPSA05C	2350	315	0.6	1 - BELT	11.6 EER	10 KW 1	18.0	20	460/3	597	49"

PACKAGED VAV ROOFTOP UNIT SCHEDULE

MARK	NOMINAL TONS	MANUFACTURER MODEL #	AIR CAPACITIES				ELECTRICAL DATA			OP. UNIT WT. LBS.	UNIT HT. W/ CURB
			TOTAL CFM	OA CFM	ESP IWG	BLOWER HP	FLA	MOC	VOLT/Ø		
1	10	DAIKIN DPS010A	3050	710	1.5	4.0 - DIRECT	18.2	25	460/3	2096	70.8"
2	7	DAIKIN DPS007A	1680	720	1.5	2.3 - DIRECT	13.4	20	460/3	1996	70.8"
3	7	DAIKIN DPS007A	1880	780	1.5	2.3 - DIRECT	13.4	20	460/3	1996	70.8"
4	7	DAIKIN DPS007A	1950	790	1.5	2.3 - DIRECT	13.4	20	460/3	1996	70.8"
5	7	DAIKIN DPS007A	2090	820	1.5	2.3 - DIRECT	13.4	20	460/3	1996	70.8"
6	7	DAIKIN DPS007A	2065	840	1.5	2.3 - DIRECT	13.4	20	460/3	1996	70.8"
7	7	DAIKIN DPS007A	1820	625	1.5	2.3 - DIRECT	13.4	20	460/3	1996	70.8"
9	10	DAIKIN DPS010A	3640	800	1.5	4.0 - DIRECT	47.3	60	460/3	3417	84.8"

VAV BOX SCHEDULE

MARK	MANUF./	MODEL #	INLET SIZE	MIN. CFM	MAX. CFM	SET POINT	INLET ESP	OUTLET ESP	DESIGN NC	CONTROL TYPE	XFMR VOLT/PH IN	HEAT	KW	VOLT/PH	SERVES	REMARKS
VAV-1	DAIKIN	MQTH	8"	240	800	670	1.5"	.5	22	DDC	115/1PH	YES	6.0	460/1PH	RTU-1	SEE NOTES BELOW
VAV-2	DAIKIN	MQTH	12"	630	2100	1190	1.5"	.5	22	DDC	115/1PH	YES	10.0	460/1PH	RTU-1	SEE NOTES BELOW
VAV-3	DAIKIN	MQTH	8"	135	450	200	1.5"	.5	22	DDC	115/1PH	YES	2.0	460/1PH	RTU-1	SEE NOTES BELOW
VAV-4	DAIKIN	MQTH	8"	135	450	270	1.5"	.5	22	DDC	115/1PH	YES	2.5	460/1PH	RTU-1	SEE NOTES BELOW
VAV-5	DAIKIN	MQTH	12"	630	2100	1095	1.5"	.5	22	DDC	115/1PH	YES	9.0	460/1PH	RTU-1	SEE NOTES BELOW
VAV-6	DAIKIN	MQTH	8"	135	450	200	1.5"	.5	22	DDC	115/1PH	NO	-	-	RTU-1	SEE NOTES BELOW
VAV-7	DAIKIN	MQTH	10"	375	1250	1000	1.5"	.5	22	DDC	115/1PH	YES	7.0	460/1PH	RTU-2	SEE NOTES BELOW
VAV-8	DAIKIN	MQTH	10"	375	1250	930	1.5"	.5	22	DDC	115/1PH	YES	7.5	460/1PH	RTU-2	SEE NOTES BELOW
VAV-9	DAIKIN	MQTH	10"	375	1250	990	1.5"	.5	22	DDC	115/1PH	YES	7.5	460/1PH	RTU-3	SEE NOTES BELOW
VAV-10	DAIKIN	MQTH	10"	375	1250	1080	1.5"	.5	22	DDC	115/1PH	YES	9.0	460/1PH	RTU-3	SEE NOTES BELOW
VAV-11	DAIKIN	MQTH	10"	375	1250	990	1.5"	.5	22	DDC	115/1PH	YES	9.0	460/1PH	RTU-4	SEE NOTES BELOW
VAV-12	DAIKIN	MQTH	12"	630	2100	1180	1.5"	.5	22	DDC	115/1PH	YES	10.0	460/1PH	RTU-4	SEE NOTES BELOW
VAV-13	DAIKIN	MQTH	10"	375	1250	1080	1.5"	.5	22	DDC	115/1PH	YES	9.0	460/1PH	RTU-5	SEE NOTES BELOW
VAV-14	DAIKIN	MQTH	12"	630	2100	1170	1.5"	.5	22	DDC	115/1PH	YES	10.0	460/1PH	RTU-5	SEE NOTES BELOW
VAV-15	DAIKIN	MQTH	10"	375	1250	1080	1.5"	.5	22	DDC	115/1PH	YES	9.0	460/1PH	RTU-6	SEE NOTES BELOW
VAV-16	DAIKIN	MQTH	10"	375	1250	1080	1.5"	.5	22	DDC	115/1PH	YES	10.0	460/1PH	RTU-6	SEE NOTES BELOW
VAV-17	DAIKIN	MQTH	10"	375	1250	1080	1.5"	.5	22	DDC	115/1PH	YES	9.0	460/1PH	RTU-7	SEE NOTES BELOW
VAV-18	DAIKIN	MQTH	8"	240	800	535	1.5"	.5	22	DDC	115/1PH	YES	2.5	460/1PH	RTU-7	SEE NOTES BELOW
VAV-19	DAIKIN	MQTH	10"	375	1250	755	1.5"	.5	22	DDC	115/1PH	YES	5.0	460/1PH	RTU-7	SEE NOTES BELOW

1. PROVIDE EACH VAV BOX W/ 115V/1PH TO 24V TRANSFORMER.
2. THE AIR QUANTITY IS TO BE USED BY THE MANUFACTURER TO PRESET THE PRIMARY AIR DAMPER.

THE MONTESSORIOM AT BELLA TERRA
 23421 FM 1093 RD.
 RICHMOND, TX 77406

NO.	DESCRIPTION	DATE
1	FINAL SCHEME	02.01.19
2	REVISED SCHEME	02.07.19
3	PERMIT	05.24.19



Date Signed: 05/24/19

Project No.	1801.74
Date	02/11/19
Drawn by	JG
Checked by	NL

Sheet No. **E4.2**

TEXAS ENGINEER FIRM REGISTRATION #F-15201

ASE ENGINEERING
 25329 Buddie rd. #402, Spring, TX 77380
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