SPLIT HEAT PUMP SYSTEM OUTDOOR UNIT SCHEDULE

UNIT NO.	MANUFACTURER & MODEL NO.	NOMIMAL CAPACITY TONS	COOLING AT A.R.I. CONDITIONS				HEATING CAPACITY		ELECTRICAL								UNIT DIMENSIONS (L"xW"xH")	OPER. WT. (LBS)	REMARKS
			TOTAL BTUH	SENSIBLE BTUH	SEER	EER	TOTAL BTUH	INTEGRATED BTUH	COMPRESSOR			OUTDOOR FAN		MCA	MOCP	VOLTAGE V/PH/HZ			
									QTY	L.R.A.	R.L.A.	QTY	F.LA.						
HP 1	CARRIER 27SCA536A005	3.0	35,050	26,570	14.3	12.0	34,000	34,000	1	70.0	9.0	1	1.2	12.5	20	208/230-3-60	31⅛"x31⅛"x35½"	193	UNIT TO BE FACTORY ASSEMBLED, TESTED AND READY FOR INSTALLATION. INSTALLATION TO BE PER MANUFACTURER'S GUIDELINE.
HP 2	CARRIER 27SCA524A003	2.0	22,810	17,230	14.3	12.0	24,060	24,060	1	64.4	10.3	1	0.6	13.5	20	208/230-1-60	31⅛"x31⅛"x35½"	196	
HP 3	CARRIER 27SCA524A003	2.0	22,810	17,230	14.3	12.0	24,060	24,060	1	64.4	10.3	1	0.6	13.5	20	208/230-1-60	31⅛"x31⅛"x35½"	196	
HP 4	CARRIER 27SCA524A003	2.0	22,810	17,230	14.3	12.0	24,060	24,060	1	64.4	10.3	1	0.6	13.5	20	208/230-1-60	31⅛"x31⅛"x35½"	196	
HP 5	CARRIER 27SCA536A005	3.0	35,050	26,570	14.3	12.0	34,000	34,000	1	70.0	9.0	1	1.2	12.5	20	208/230-3-60	31⅛"x31⅛"x35½"	193	
HP 6	CARRIER 27SCA536A005	3.0	35,050	26,570	14.3	12.0	34,000	34,000	1	70.0	9.0	1	1.2	12.5	20	208/230-3-60	31⅛"x31⅛"x35½"	193	
HP 7	CARRIER 27SCA524A003	2.0	22,810	17,230	14.3	12.0	24,060	24,060	1	64.4	10.3	1	0.6	13.5	20	208/230-1-60	31⅛"x31⅛"x35½"	196	

SPLIT HEAT PUMP SYSTEM INDOOR UNIT SCHEDULE

UNIT NO.	MANUFACTURER & MODEL NO.	NOM. COOLING C.F.M	EXT. S.P.	COIL DATA				FAN					MIN. OSA	UNIT DIMENSIONS (L"xW"xH")	OPER. WT. (LBS)	REMARKS
				FACE AREA (SQ. FT.)	ROWS FINS/IN	E.A.T D.B.(°F)	L.A.T D.B.(°F)	FLA	HP	MCA	MOCP	VOLTAGE V/PH/HZ				
⚠ FC 1	CARRIER FT5ANXC36L00	1,200	0.60	3.46	3 14.5	80.0	59.7	6.8	1/2	5.0	15.0	208/1/60	216	22"x21⅛"x53½"	168	UNIT TO BE FACTORY ASSEMBLED, TESTED AND READY FOR INSTALLATION. PROVIDE FULLY PROGRAMMABLE DIGITAL THERMOSTAT WITH 5°F DEAD BAND. UNIT FURNISHED WITH MINIMUM "MERV-13" FILTER. UNIT SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND GUIDELINE.
FC 2	CARRIER FT5ANXB24L00	800	0.60	3.46	3 14.5	80.0	59.7	4.0	1/2	5.0	15.0	208/1/60	70	22"x24¾"x59⅛"	168	
FC 3	CARRIER FT5ANXB24L00	800	0.60	3.46	3 14.5	80.0	59.7	4.0	1/2	5.0	15.0	208/1/60	50	22"x24¾"x59⅛"	168	
FC 4	CARRIER FT5ANXB24L00	800	0.60	3.46	3 14.5	80.0	59.7	4.0	1/2	5.0	15.0	208/1/60	88	22"x24¾"x59⅛"	168	
FC 5	CARRIER FT5ANXC36L00	1,200	0.60	3.46	3 14.5	80.0	59.7	6.8	1/2	5.0	15.0	208/1/60	141	22"x24¾"x59⅛"	146	
FC 6	CARRIER FT5ANXC36L00	1,200	0.60	3.46	3 14.5	80.0	59.7	6.8	1/2	5.0	15.0	208/1/60	97	22"x24¾"x59⅛"	146	
FC 7	CARRIER FT5ANXB24L00	800	0.60	3.46	3 14.5	80.0	59.7	4.0	1/2	5.0	15.0	208/1/60	88	22"x24¾"x59⅛"	168	

EXHAUST FAN SCHEDULE

UNIT NO.	MANUFACTURER & MODEL NO.	TYPE	AREA SERVED	DRIVE	C.F.M.	E.S.P. (IN.)	SOUND SONES	AMPS	HP	ELECTRICAL V/PH/HZ	OPER. WT. (LBS.)	REMARKS
EF 1	"BROAN" XB80	CEILING MOUNTED CENTRIFUGAL VENTILATOR	SEE FLOOR PLAN	DIRECT	80	0.25	<0.3	2.0	–	120/1/60	12.2	UNIT SHALL BE PROVIDED WITH ULTRA GREEN ENERGY SAVING DC MOTOR, ULTRASILENT SOUND TECHNOLOGY, ULTRASMART CONTROL TECHNOLOGY TO PROVIDE ADJUSTABLE CFM, OPERATED BY WALL MOUNTED ON/OFF SWITCH.
EF 2	"BROAN" XB80	CEILING MOUNTED CENTRIFUGAL VENTILATOR	SEE FLOOR PLAN	DIRECT	80	0.25	<0.3	2.0	–	120/1/60	12.2	
EF 3	"BROAN" XB80	CEILING MOUNTED CENTRIFUGAL VENTILATOR	SEE FLOOR PLAN	DIRECT	80	0.25	<0.3	2.0	–	120/1/60	12.2	
EF 4	"BROAN" XB80	CEILING MOUNTED CENTRIFUGAL VENTILATOR	SEE FLOOR PLAN	DIRECT	80	0.25	<0.3	2.0	–	120/1/60	12.2	

GENERAL NOTES

1–ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2022 CALIFORNIA MECHANICAL CODE, 2022 CALIFORNIA BUILDING CODE, AND ALL OTHER APPLICABLE CODES AND REGULATIONS.

2–COORDINATE ENTIRE INSTALLATION OF THE HVAC SYSTEM WITH THE WORK OF ALL OTHER TRADES PRIOR TO CARRYING OUT ANY CONSTRUCTION.

3–COORDINATE THE LOCATION OF ALL ROOF PENETRATIONS AND THE LOCATION WITH STRUCTURAL MEMBERS.

4–PLATFORMS, CURBS, AND FLASHING FOR MECHANICAL EQUIPMENT SHALL BE AS INDICATED ON THE MECHANICAL DESIGN DRAWINGS.

5–FURNISH AND INSTALL AC EQUIPMENT MAKE AND MODEL PER SCHEDULE OR APPROVED EQUAL.

6–PROVIDE WALL MOUNTED FULLY PROGRAMMABLE THERMOSTAT T-24 COMPLAINT WITH ADR CAPABILITY AND LISTED ON CEC APPROVED LIST.

7–INDOOR FAN COIL UNITS SHALL BE WIRED FOR CONTINUOUS OPERATION DURING OCCUPANCY.

8–FURNISH AND INSTALL WHERE INDICATED DUCT DETECTOR INSTALLED AT FAN DISCHARGE TO SHUT DOWN A/C UNIT. DETECTOR "SYSTEM SENSOR" DUCT SMOKE DETECTOR SHALL BE LABELED BY AN APPROVED AGENCY, APPROVED AND LISTED BY THE CALIFORNIA STATE FIRE MARSHALL AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S APPROVED INSTALLATION INSTRUCTIONS.

9–ALL HVAC UNITS WITH 2,000 CFM OR MORE OR SERVING A COMMON AIR SPACE MUST BE INTERCONNECTED TO SHUT DOWN IMMEDIATELY UPON ALARM CONDITION FROM DUCT DETECTORS.

10–ALL AREAS OF THE BUILDING THAT ARE MECHANICALLY VENTILATED, PROVIDE FILTERS OF MINIMUM MERV-8 FOR ALL OUTSIDE AND RETURN AIR.

11–ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL FITTINGS, TRANSITIONS, DAMPERS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.

12–MAINTENANCE LABEL SHALL BE AFFIXED TO ALL MECHANICAL EQUIPMENT AND A MAINTENANCE MANUAL SHALL BE PROVIDED FOR THE OWNER'S USE.

13–ALL LINE AND LOW VOLTAGE WIRING SHALL BE INSTALLED IN CONDUIT. ALL CONDUIT AND LINE VOLTAGE WIRING, INCLUDING FINAL CONNECTIONS, SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AS INDICATED ON THE ELECTRICAL DRAWINGS OR SPECIFIED IN THE ELECTRICAL SECTION OF THE SPECIFICATIONS. ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS OF ALL GOVERNING BODIES HAVING JURISDICTION THEREOF.

12–E INDICATES ITEMS FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AS SHOWN ON THE ELECTRICAL DRAWINGS OR SPECIFIED IN THE ELECTRICAL SECTIONS OF THE SPECIFICATIONS.

13–M INDICATES ITEMS FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR AS SHOWN ON THE MECHANICAL DRAWINGS OR SPECIFIED IN THE MECHANICAL SECTIONS OF THE SPECIFICATIONS.

14–ALL THERMOSTATS SHALL BE OF THE ELECTRONIC, PROGRAMMABLE, AUTOMATIC CHANGEOVER TYPE TO SEQUENCE HEATING OR COOLING. SET POINT RANGE SHALL BE 10 DEGREES F. BETWEEN FULL HEATING AND COOLING. THEY SHALL HAVE CAPABILITY OF TERMINATING ALL HEATING AT A TEMPERATURE NO MORE THAN 70 DEGREES F., AND COOLING AT A TEMPERATURE NOT LESS THAN 78 DEGREES F. ADJUSTABLE TEMPERATURE DIFFERENTIAL SHALL BE 1½ DEGREES F. CONTROL LIMITS SHALL BE FROM 55 DEGREES F. TO 85 DEGREES F. MOUNT AT 48 INCHES ABOVE FLOOR OR AS REQUIRED BY LOCAL AUTHORITIES OR HANDICAP CODES.

15–BEFORE BIDDING ON THIS WORK, THE CONTRACTOR SHALL MAKE A CAREFUL EXAMINATION OF THE PREMISES. HE SHALL DEFINITELY DETERMINE IN ADVANCE, THE METHODS OF INSTALLING AND CONNECTING THE EQUIPMENT WITH ITS ASSOCIATED DUCTWORK, THE MEANS TO BE PROVIDED FOR GETTING THE EQUIPMENT AND MATERIALS INTO PLACE AND SHALL MAKE HIMSELF THOROUGHLY FAMILIAR WITH ALL OF THE REQUIREMENTS OF THE PROJECT.

16–ALL DIMENSIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND MUST BE CONFIRMED ON SITE.

17–ALL EQUIPMENT SHALL BE LABELED AS TO THE SPACE IT SERVES.

18–ALL HVAC EQUIPMENT SHALL BE CERTIFIED BY THE CALIFORNIA ENERGY.

19–MATERIALS DELIVERED TO THE CONSTRUCTION SITE SHALL BE PROTECTED FROM RAIN OR OTHER SOURCES OF MOISTURE.

20–ALL DUCTS AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, OR SHEET METAL UNTIL THE FINAL STARTUP OF THE HEATING, COOLING AND VENTILATING EQUIPMENT.

21–AN OPERATION AND MAINTENANCE MANUAL INCLUDING AT A MINIMUM.

LEGEND

S-1 / 000 CEILING DIFFUSER DESIGN SUPPLY CFM

R-1 / 000 CEILING RETURN REGISTER DESIGN RETURN CFM

T-1 / 000 CEILING TRANSFER REGISTER DESIGN TRANSFER CFM

E-1 / 000 CEILING EXHAUST REGISTER DESIGN EXHAUST CFM

LEGEN

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AIR D

TYPE
ADJUSTABLE MODULAR CORE S-1 / –
ALUMINUM EGGCRATE R-1 / – E- / – G-1 / – T-1 / –
ALUMINUM ROUND DIFFUSERS S-2 / –