

EXISTING SPLIT SYSTEM HEAT PUMP SELECTION SCHEDULE (MANUFACTURER: CARRIER)

EXISTING SPLIT SYSTEM HEAT PUMPS

Project Name: 1742070_MANUFACTURED AND INSTALLED IN 2013

Tag #	Qty	Evaporator Fan					Cooling					Heating			Unit Electrical				Model Number	Brand	Remarks			
		CFM		HP	ESP (IWG)	RPM	Temperature (°F)			Total Cap. MBH	Sens. Cap MBH	EER	Alt. (Ft.)	MBH	Voltage	MCA	Max Fuse	Weight						
		SA	OA				Ent. Air DB	Lvg. Air WB	OD Amb (°F)															
AHU-1	1	6000	1180	3.00	0.60	600	79.2	66.7	57.9	57.3	103.0	177.5	133.0	10.6	1033.0	62.6	-	460-3-60	8.6	15	789	40RUQ016	Carrier	1,2,3,4,5,6,7
AHU-2	1	6000	1180	3.00	0.60	600	79.2	66.7	57.9	57.3	103.0	177.0	133.0	10.6	1033.0	62.6	-	460-3-60	8.6	15	789	40RUQ016	Carrier	1,2,3,4,5,6,7
AHU-3	1	6000	1050	3.00	0.60	600	79.8	67.5	57.7	57.0	103.0	177.0	131.7	10.6	1033.0	62.6	-	460-3-60	8.6	15	789	40RUQ016	Carrier	1,2,3,4,5,6,7

Tag #	Qty	Evaporator Fan				Cooling					Heating			Unit Electrical				Model Number	Brand	Remarks			
		MBH		COP	RPM	Temperature (°F)			Total Cap. MBH	EER	IEER	Alt. (Ft.)	MBH	Voltage	MCA	Max Fuse	Weight						
		@ 47	@ 17			Ent. Air DB	Lvg. Air WB	OD Amb (°F)															
ACCU-1	1	98.6		3.4					103.0	177.5	10.6	11.0	1033.0				460-3-60	29.9	40	685	38A10A16	Carrier	
ACCU-2	1	98.6		3.4					103.0	177.5	10.6	11.0	1033.0				460-3-60	29.9	40	685	38A10A16	Carrier	
ACCU-3	1	98.6		3.4					103.0	177.5	10.6	11.0	1033.0				460-3-60	29.9	40	685	38A10A16	Carrier	

- EXISTING INSTALLED OPTIONS:**
- ECONOMIZER
 - BAROMETRIC RELIEF.
 - PROVIDE (3) SETS OF 2" DEEP PLEATED MERV 8 RATED FILTERS.
 - SALES FLOOR SENSORS AND TSTATS IN MANAGER'S OFFICE
 - SMOKE DETECTORS
 - SECONDARY DRIP PAN AND HANGING SUPPORTS FOR AHU
- FIELD INSTALLED OPTIONS:**
- PROVIDE (3) SETS OF 2" DEEP PLEATED MERV 8 RATED FILTERS.

REFER TO SHEET M0-1 FOR RESPONSIBILITY MATRIX CONCERNING CONTRACTOR FURNISHED AND OWNER FURNISHED ITEMS.

REMODEL STORE



CAP INC.
STORE DEVELOPMENT
FOLSOM STREET
FRANCO, CA 94105

REPS. I.D. 00000131847
STORE NUMBER: 5724
STORE LOCATION: BUCKHEAD STATION
1 BUCKHEAD LOOP NE
ATLANTA, GA 30326

DESIGN TYPE: P3
GENERATION: 18012
PROTOTYPE DATE: 08/31/17
OPENING: 2018

CONSULTANT INFO:

M-Engineering
750 Brooksedge Blvd.
Westerville, Ohio 43081
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www.mengineering.us.com

PROFESSIONAL STAMP:

ARCHITECT INFO:

ARCHITECT OF RECORD:
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TEL: 913-262-9095
FAX: 913-262-9944

ISSUE TYPE:
BID/PERMIT 01/05/18

REVISIONS:

DRAWN BY: RRD/JAH
A/E JOB NUMBER: 65013029/1742070

TITLE SHEET:
MECHANICAL SCHEDULES

SHEET NUMBER:
M4-0

CONTROL DAMPER SCHEDULE

MARK	MANUFACTURER	MODEL	UNIT SIZE	INLET SIZE	PRIMARY AIR		REMARKS
					MAX (CFM)	MIN (CFM)	
CD-1	YOUNGS REGULATOR	3075	12"	12"	640	85	1,2

REMARKS:
1 FURNISH WITH #T-312-CE THERMOSTAT AND #30-3S TRANSFORMER.
2 PHONE # (219)-863-5846 FOR LOCAL REPRESENTATIVE.

FAN SCHEDULE

MARK	MFR	MODEL	CFM	S.P. (IN W.G.)	ELECTRICAL		OPER WT (LBS)	REMARKS
					H.P.	VOLT/PH/HZ		
EF-1	LOREN COOK	70 SQN-B	290	0.625	0.25	120/1/60	80	2, 3
EF-2	ROAN	QTXE150	150	0.100	51.3 WATTS	120/1/60	12	2

REMARKS:
1 PROVIDE LOREN COOK RCG-16 ROOF CURB (13 1/2"X13 1/2" ROOF OPENING REQUIRED) WITH DAMPER TRAY, BACK DRAFT DAMPER, AND DISCONNECT SWITCH.
2 EF SHALL RUN 24-7 AT CONSTANT SPEED.
3 PROVIDE W/ FACTORY MOUNTED DISCONNECT SWITCH, BACKDRAFT DAMPER, AND 12PR HOOD

ELECTRIC UNIT HEATER SCHEDULE

MARK	MFR	MODEL	HEATING CAPACITY (BTU/HR)	ENTERING AIR TEMP (°F)	LEAVING AIR TEMP (°F)	ELECTRICAL			REMARKS
						INPUT KW	AMPS	VOLT/PH/HZ	
DH-1	EXISTING					9.00	20.00	480/3	1,4

REMARKS:
1) EXISTING TO REMAIN VERIFY CONTROLS AND OPERATION
2) DH: "DUCT HEATER", UH: "UNIT HEATER", WUH: "WALL UNIT HEATER"
3) HEATER SHALL BE MOUNTED RECESSED IN WALL.
4) ALL DUCT HEATERS SHALL BE PROVIDED WITH AIRFLOW SWITCH OPTION.

AIR DISTRIBUTION DEVICE SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	NECK SIZE (L" X W" OR DIAMETER")	FACE SIZE (L" X W")	FRAME TYPE	FINISH	MATERIAL	ACCESSORIES	REMARKS
SD-2	(2)	(2)	PLAQUE FACE	6"	12 X 12	(2)	(2)	STEEL	PFS, DMPR	
SD-3	(2)	(2)	PLAQUE FACE	12"	24 X 24	(2)	(2)	STEEL	PFS, DMPR	
SD-4	(2)	(2)	PLAQUE FACE	8"	12 X 12	(2)	(2)	STEEL	PFS, DMPR	
RD-2	(5)	(5)	PERFORATED FACE	12"	24 X 24	(5)	(5)	STEEL	-	
EG-1	(5)	(5)	PERFORATED FACE	6"	12 X 12	(5)	(5)	STEEL	DMPR	
EG-2	(5)	(5)	PERFORATED FACE	8"	16 X 16	(5)	(5)	STEEL	DMPR	
RG-1	(4)	(4)	WALL TRANSFER GRILLE	12 X 12	-	(4)	(4)	STEEL	-	
TG-1	(4)	(4)	WALL TRANSFER GRILLE	12 X 12	-	(4)	(4)	STEEL	-	
TG-3	(4)	(4)	WALL TRANSFER GRILLE	24 X 24	-	(4)	(4)	STEEL	-	
SR-1	(7)	(7)	DUCT SUPPLY GRILLE	12 X 6	-	(7)	(7)	STEEL	DMPR	
(E)SR	(6)	(6)	DUCT SUPPLY GRILLE	14 X 6	-	(6)	(6)	STEEL	DMPR	

ACCESSORIES:
PFS-PLASTER FRAME
DMPR- DAMPER
DL-DRUM LOUVER
EXT-LINDAB AIR EXTRACTOR
OBD-OPPOSED BLADE DAMP
E- EXISTING TO REMAIN

REMARKS:
1 NO EXCEPTIONS ALLOWED.
2 SPEC THE FOLLOWING DIFFUSER TYPE FOR RECTANGULAR DUCTWORK.
3 NECK SIZE REFERS TO THE SIZE OF THE DUCTWORK CONNECTION TO THE DROP BOX. FACE SIZE IS THE SIZE OF THE DRUM LOUVER IN THE DROP BOX.
4 FOR AES PRODUCT QUESTIONS CONTACT GEORGE LASHER BY PHONE AT (800) 786-0402 x216 OR BY EMAIL AT GLASHER@AESCURB.COM.
5 PROVIDE BASE LOUVER WITH OPPOSED BLADE DAMPER AND WHITE FACTORY PAINT.

KEY NOTE	MARK	MANUF	MODEL	FRAME TYPE	ACCESSORIES DAMPER	ACCESSORIES PLASTER FRAME	FINISH	REMARKS
(2)	SD-2/SD-3	KRUEGER	PLQ	23	PRD10	5HCF23	BRITISH WHITE	FOUR WAY BLOW PATTERN
	SD-4	PRICE	SPD	31	VCR-7	APF	B12	
		TITUS	OMNI	3	AG-75	TRM	26	
(4)	TG-1/TG-3	KRUEGER	S85	SURFACE	-	-	BRITISH WHITE	
	RG-1	PRICE	535	SURFACE	-	-	B12	
		TITUS	25RL	SURFACE	-	-	26	
(5)	RD-2/EG-1	KRUEGER	6290 (DUCTED RETURN)	23	-	5HCF23	BRITISH WHITE	
	EG-2/TG-2	PRICE	PDDR (DUCTED RETURN)	31	-	APF	B12	
		TITUS	PAR (DUCTED RETURN)	3	-	TRM	26	
(6)	(E)SR-1/SR-2	LINDAB	RGS-3	DUCT	EXT	-	GALVANIZED	"EXT" IS THE AIR EXTRACTOR
	SR-3/SR-4	PRICE	SDGE	DUCT	AS	-	GALVANIZED	"AS" IS THE AIR SCOOP
		TITUS	300RL	VARIES	AG-15	-	ALUMINUM	ONLY USE FOR RECTANGULAR DUCTWORK
(7)	SR-1	KRUEGER	880H	VARIES	OBD	-	ALUMINUM	
		PRICE	620L	VARIES	D	-	ALUMINUM	
		TITUS	300RL	VARIES	AG-15	-	ALUMINUM	

Order Plans

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