

AIR CONDITIONING UNIT										
	QTY	LOCATION	MANUFACTURER AND MODEL	COOLING BTU OUTPUT	HEATING BTU OUTPUT	SUPPLY CFM	WEIGHT	Dimensions Dx W x H	ELECTRICAL V/Ph/Hz	REMARKS
	1	FIRST FLOOR	GOODMAN&CHPF3743C6 OR EQUAL	42,000	42,000	1600-2000	79 LBS	21.5in x 26in x 24.5in	208-1-60	DUCTED TYPE
1. PROVIDE REQUIRED ACCESS TO INDOOR UNIT 2. PROVIDE PROGRAMMABLE ROOM THERMOSTAT FOR EACH UNIT. 3. PROVIDE CONTROL WIRING, CONDUIT, ETC, FOR A COMPLETE AND OPERABLE SYSTEM 4. PROVIDE CONDENSATE DRAIN.										

OUTDOOR CONDENSING UNIT												
	QTY	LOCATION	MANUFACTURER	TON	COOLING CAPACITY BTU/H	HEATING CAPACITY BTU/H	MIN. CIRCUIT AMPS	LIQUID LINE SUCTION LINE	REF	ELECTRICAL	WEIGHT	Dimensions Hx W x L
	1	FIRST FLOOR	GOODMAN&GSX160421F OR EQUAL	3.5	42,000	42,000	23.4A	3/8"Ø /7/8"Ø	R410a	208-1-60	228 LBS	36.5in x 35.5in x 35.5in

PACKAGE ROOF TOP												
	QTY	LOCATION	MANUFACTURER	TON	COOLING CAPACITY BTU/H	HEATING CAPACITY BTU/H	SUPPLY CFM	LIQUID LINE SUCTION LINE	REF	ELECTRICAL	WEIGHT	Dimensions Hx W x L
	1	ROOF	GOODMAN&GPG1360090M41D OR EQUAL	5	60,000	92,000	1750	3/8"Ø /7/8"Ø	R410a	208-1-60	228 LBS	42in x 47in x 51in

EXHAUST FAN SCHEDULE												
MARK	QTY	LOCATION	MANUFACTURER AND MODEL	TYPE	CFM	E.S.P. (IN. W.G.)	MOTOR DATA			SONES	OPTIONS -ACCESSORIES	WEIGHT
							WATTS	SPEED	ELECTRICAL			
	5	BATH	AIR KING AK80 OR EQUAL	CEILING MOUNTED	65	0.25	27.6	1	120-1-60	1.5	BACK DRAFT DAMPER CONTROLLED BY SWITCH	10
	1	KITCHEN UNIT 1	APPROVED EQUAL	CEILING MOUNTED	350	0.25	250	1	120-1-60	--	BACK DRAFT DAMPER CONTROLLED BY SWITCH	--
NOTES: VERIFY WITH ARCHITECT/OWNER FOR EXACT MODEL NUMBER BEFORE ROUGH-IN ALL EXHAUST FANS TO BE ENERGY STAR CERTIFIED												

FIRE RADIATION DAMPER					
MARK	QTY	LOCATION	MANUFACTURER AND MODEL	SIZE	BLADE AND FRAME
CRD-1	1	KITCHEN	GREENHECK CRD-1 OR EQUAL	11.625 x10.75 x 2.875 in	GALVANIZED STEEL
FD	5	TOILET EXHAUST	GREENHECK AND 435096 OR EQUAL	11.625 x10.75 x 2.875 in	GALVANIZED STEEL

1 TYPICAL OUTDOOR UNIT FLOOR AND WALL MOUNTED INSTALLATION DETAIL

2 TYPICAL WALL MOUNTED INDOOR UNIT

3 PIPE THROUGH WALL

4 REFRIGERANT PIPE THRU WALL

5 TYPICAL BRANCH CONNECTION DETAIL

6 VOLUME DAMPER DETAIL

7 CEILING EXHAUST FAN DETAIL (ROUND)

8 EXHAUST AIR VENT CAP DETAIL

9 CONDENSATE DRAIN TRAP DETAIL

10 FLEXIBLE DUCT CONNECTION

11 KITCHEN EXHAUST INSTALLATION DETAIL

12 REFRIGERANT PIPE INSULATION

13 REFRIGERANT PIPE RISER ALONG WALL

14 TYPICAL FLEXIBLE DUCT W/HANGER

15 REFRIGERANT PIPE RISER ALONG WALL

ROOFTOP UNIT NOTES:

- ALL POWER AND CONTROL WIRING FOR ROOFTOP-MOUNTED HVAC EQUIPMENT SHALL BE RUN THROUGH THE BASE INSIDE THE CURB.
- UNITS SHALL BE MOUNTED LEVEL.
- SEE ARCHITECTURAL PLANS FOR ROOF PENETRATION FLASHING DETAILS.
- SEE ARCHITECTURAL CURB DETAILS. IT IS VERY IMPORTANT CURB CORNERS AND FLASHING IS SEALED WATER-TIGHT.

7 GER UNIT W/ DISTRIBUTION DUCT SCHEMATIC
NOT TO SCALE

2 DUCT LINER NOSING DETAIL
NOT TO SCALE

MARTIN RESIDENCE

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REVISIONS

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P22077

SHEET TITLE

EQUIPMENT SCHEDULE AND
MISCELLANEOUS DETAILS

SHEET NUMBER
M-04