

CONDENSING UNIT SCHEDULE														
CU #	CONDENSING UNIT						EVAPORATOR UNIT						NOTES	
	NOMINAL TONNAGE	ELEC. CHAR	MCA	MOC	S.E.E.R	WEIGHT (LBS)	MANUFACTURER & MODEL NO.	CFM	MAX S.P.	BLOWER MOTOR	ELEC. CHAR	MCA		MANUFACTURER & MODEL NO.
1	4	208/1	28.2	45	17	295	YORK YFK48B21S	1500	0.3	-	SEE FURNACE SCHEDULE	-	YORK CM48CBCA1	1-7
2	4	208/1	28.2	45	17	295	YORK YFK48B21S	1500	0.3	-	SEE FURNACE SCHEDULE	-	YORK CM48CBCA1	1-7
3	4	208/1	28.2	45	17	295	YORK YFK48B21S	1500	0.3	-	SEE FURNACE SCHEDULE	-	YORK CM48CBCA1	1-7
4	4	208/1	28.2	45	17	295	YORK YFK48B21S	1500	0.3	-	SEE FURNACE SCHEDULE	-	YORK CM48CBCA1	1-7
5	4	208/1	28.2	45	17	295	YORK YFK48B21S	1400	0.3	-	SEE FURNACE SCHEDULE	-	YORK CM48CBCA1	1-7
6	4	208/1	28.2	45	17	295	YORK YFK48B21S	1400	0.3	-	SEE FURNACE SCHEDULE	-	YORK CM48CBCA1	1-7
7	4	208/1	28.2	45	17	295	YORK YFK48B21S	1400	0.3	-	SEE FURNACE SCHEDULE	-	YORK CM48CBCA1	1-7
8	5	208/1	31.4	50	17	295	YORK YFK60B21S	1850	0.3	-	SEE FURNACE SCHEDULE	-	YORK CM60CXA2	1-7
9	5	208/1	31.4	50	17	295	YORK YFK60B21S	1800	0.3	-	SEE FURNACE SCHEDULE	-	YORK CM60CXA2	1-7
10	4	208/1	28.2	45	17	295	YORK YFK48B21S	1550	0.3	-	SEE FURNACE SCHEDULE	-	YORK CM48CBCA1	1-7
11	4	208/1	28.2	45	17	295	YORK YFK48B21S	1500	0.3	-	SEE FURNACE SCHEDULE	-	YORK CM48CBCA1	1-7
12	4	208/1	28.2	45	17	295	YORK YFK48B21S	1500	0.3	-	SEE FURNACE SCHEDULE	-	YORK CM48CBCA1	1-7

NOTES:
M.C. IS RESPONSIBLE FOR PROVIDING ANY AND ALL NECESSARY DIMENSIONAL, ELECTRICAL, MECHANICAL, AND STRUCTURAL ALTERATIONS NECESSITATED BY PROVIDING ALTERNATE EQUIPMENT.
1. E.C. TO PROVIDE AND INSTALL POWER DISCONNECT FOR UNIT. COORDINATE WITH M.C.
2. M.C. TO INCLUDE PRE-CHARGED LINE KIT. INSULATE SUCTION LINE.
3. TWO STAGE COOLING.
4. FOR LINE LENGTH EXCEEDING 50', M.C. MUST PROVIDE FACTORY DESIGNED AND FACTORY OR FIELD FABRICATED REFRIGERANT PIPING.
5. MOUNT UNITS ON CONDENSING UNIT SUPPORTS RE: 10/MS01 FOR MORE INFORMATION.
6. INSULATE SUCTION LINE WITH 5/8" AP ARMAFLEX INSULATION OR EQUAL. SEAL ALL JOINTS WATER TIGHT TO PREVENT CONDENSATE IN THE CEILING.
7. PROVIDE UNIT WITH HAIL GUARD.

GAS FURNACE SCHEDULE																
F #	TYPE	INPUT MBH	OUTPUT MBH	CFM	MIN F.A.	EXT. S.P.	HEAT EXCH. MTL	BLOWER				PILOT	VENT	FILTER MERV 8 MIN.	MANUFACTURER & MODEL NO.	NOTES
								SIZE	DRIVE	H.P.	ELEC. CHAR					
1	VERT	80	77	1500	390	0.6	ALUMINIZED STL	11X10	DIRECT	3/4	120/1	HOT S	3"	2" TA	YORK TM9V080C16MP12C	1,2
2	VERT	80	77	1500	495	0.6	ALUMINIZED STL	11X10	DIRECT	3/4	120/1	HOT S	3"	2" TA	YORK TM9V080C16MP12C	1,2
3	VERT	80	77	1500	435	0.6	ALUMINIZED STL	11X10	DIRECT	3/4	120/1	HOT S	3"	2" TA	YORK TM9V080C16MP12C	1,2
4	VERT	80	77	1500	450	0.6	ALUMINIZED STL	11X10	DIRECT	3/4	120/1	HOT S	3"	2" TA	YORK TM9V080C16MP12C	1,2
5	VERT	80	77	1400	390	0.6	ALUMINIZED STL	11X10	DIRECT	3/4	120/1	HOT S	3"	2" TA	YORK TM9V080C16MP12C	1,2
6	VERT	80	77	1400	390	0.6	ALUMINIZED STL	11X10	DIRECT	3/4	120/1	HOT S	3"	2" TA	YORK TM9V080C16MP12C	1,2
7	VERT	80	77	1400	395	0.6	ALUMINIZED STL	11X10	DIRECT	3/4	120/1	HOT S	3"	2" TA	YORK TM9V080C16MP12C	1,2
8	VERT	100	96	1850	515	0.6	ALUMINIZED STL	11X11	DIRECT	1	120/1	HOT S	3"	2" TA	YORK TM9V100C20MP12C	1,2
9	VERT	100	96	1800	520	0.6	ALUMINIZED STL	11X11	DIRECT	1	120/1	HOT S	3"	2" TA	YORK TM9V100C20MP12C	1,2
10	VERT	80	77	1550	445	0.6	ALUMINIZED STL	11X10	DIRECT	3/4	120/1	HOT S	3"	2" TA	YORK TM9V080C16MP12C	1,2
11	VERT	80	77	1500	450	0.6	ALUMINIZED STL	11X10	DIRECT	3/4	120/1	HOT S	3"	2" TA	YORK TM9V080C16MP12C	1,2
12	VERT	80	77	1500	450	0.6	ALUMINIZED STL	11X10	DIRECT	3/4	120/1	HOT S	3"	2" TA	YORK TM9V080C16MP12C	1,2

NOTES:
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1. PROVIDE CONCENTRIC VENT. INSTALL PER MANUFACTURER INSTRUCTIONS. MAINTAIN MINIMUM CLEARANCES: 36" BETWEEN VENTS, 10'-0" FROM ANY FRESH AIR INTAKE.
2. PROVIDE CO, SENSOR, INSTALLATION BY CONTROLS CONTRACTOR. INTERLOCK CO, SENSOR WITH MOTORIZED DAMPER IN OUTSIDE AIR DUCT.
3. PROVIDE FURNACE WITH 2 STAGE HEATING.

GRILLE, REGISTER, AND DIFFUSER SCHEDULE					
PLAN SYMBOL	DESCRIPTION	MANUFACTURER & MODEL NO.	MATERIAL	FINISH	NOISE CRITERIA
CDR-1 80	ROUND NECK, 4-WAY DEFLECTION CEILING DIFFUSER, ADJUSTABLE CORE, FOR LAY-IN CEILING INSTALLATION.	PRICE SCD (4C)	STEEL	WHITE	-
CDR-1 100	ROUND NECK, 4-WAY DEFLECTION CEILING DIFFUSER, ADJUSTABLE CORE, FOR LAY-IN CEILING INSTALLATION.	PRICE SCD (4C)	STEEL	WHITE	-
CDR-2 80	ROUND NECK, 4-WAY DEFLECTION CEILING DIFFUSER, ADJUSTABLE CORE, FOR CEILING INSTALLATION.	PRICE SCD (4C)	STEEL	WHITE	-
RG-1 24X24	FIXED CORE OF 1/2"x1/2"x1/2" FABRICATED ALUMINUM SQUARES, FLAT FRAME WITH 1 1/4" MARGIN, FOR LAY-IN CEILING INSTALLATION.	PRICE 80	ALUMINUM	WHITE	-
TG-1 24X24	FIXED CORE OF 1/2"x1/2"x1/2" FABRICATED ALUMINUM SQUARES, FLAT FRAME WITH 1 1/4" MARGIN, FOR LAY-IN CEILING INSTALLATION.	PRICE 80	ALUMINUM	WHITE	-
EG-2 24X24	FIXED CORE OF 1/2"x1/2"x1/2" FABRICATED ALUMINUM SQUARES, FLAT FRAME WITH 1 1/4" MARGIN, FOR CEILING INSTALLATION.	PRICE 80	ALUMINUM	WHITE	-

NOTES:
SEE PLANS FOR QUANTITY AND SIZES.
M.C. TO FIELD VERIFY CEILING TYPE FOR ALL GRD BEFORE PURCHASING EQUIPMENT. PROVIDE REQUIRED MOUNTING.

DUCTWORK/INSULATION SCHEDULE											
SYSTEM	LOW PRESSURE			MED. PRESS.		HIGH PRESS.		INSULATION			NOTES
	MAX. PRES.	SEAL		MAX PRES.	SEAL A	MAX PRES.	SEAL A	INTERNAL THICKNESS	EXTERNAL THICKNESS	THICKNESS	
SUPPLY AIR WITHIN 10' OF UNIT	2"	X	-	-	-	-	-	YES	1"	NO	-
SUPPLY AIR BEYOND 10' OF UNIT	2"	X	-	-	-	-	-	NO	-	YES	2" FSK
RETURN AIR WITHIN 10' OF UNIT	2"	-	X	-	-	-	-	YES	1"	NO	-
RETURN AIR BEYOND 10' OF UNIT	2"	-	X	-	-	-	-	NO	-	YES	2" FSK
OUTSIDE AIR/MIXED AIR	2"	-	X	-	-	-	-	NO	-	YES	3" FSK

NOTES:
SEE PLANS FOR QUANTITY AND SIZES.
M.C. TO FIELD VERIFY CEILING TYPE FOR ALL GRD BEFORE PURCHASING EQUIPMENT. PROVIDE REQUIRED MOUNTING.

ROOF HOOD SCHEDULE								
RH #	THROAT SIZE DIMENSION (IN)	CFM	THROAT AREA (FT²)	DAMPER BDD OR MOD	CONSTRUCTION	MANUFACTURER & MODEL NO.	COMMENTS	NOTES
1	18X24	1,320	3.00	MOD	ALUMINUM	GREENHECK FGI	COLOR BY ARCHITECT	ALL
2	20X20	1,175	3.00	MOD	ALUMINUM	GREENHECK FGI	COLOR BY ARCHITECT	ALL
3	16X18	900	2.00	MOD	ALUMINUM	GREENHECK FGI	COLOR BY ARCHITECT	ALL
4	18X18	1,035	2.00	MOD	ALUMINUM	GREENHECK FGI	COLOR BY ARCHITECT	ALL
5	16X18	895	2.00	MOD	ALUMINUM	GREENHECK FGI	COLOR BY ARCHITECT	ALL

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1. M.C. TO PROVIDE ROOF HOOD WITH ALUMINUM BIRDSCREEN.
2. M.C. SHALL PROVIDE ROOF CURB. CURB INSTALLATION BY G.C.
3. M.C. SHALL PROVIDE LOW VOLTAGE MOTORIZED DAMPER.

EXHAUST FAN SCHEDULE															
EF #	LOCATION	SYSTEM	CFM	SP	FAN RPM	MOTOR H.P.	ELEC CHAR	AMPS	DAMPER BDD OR MOD	DRIVE	FAN TYPE	INTERLOCK/CONTROL	WEIGHT	MANUFACTURER & MODEL NUMBER	NOTES
1	ROOF	EXHAUST	750	0.5	1,040	FRAC.	120/1	3.8	MOD	DIRECT	CENT	F-1	43	GREENHECK G-120-VG	ALL
2	ROOF	EXHAUST	75	0.35	944	FRAC.	120/1	3.8	MOD	DIRECT	CENT	LIGHTS	38	GREENHECK G-097-VG	ALL

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1. PROVIDE ELECTRONIC SPEED CONTROL MOUNTED ABOVE ACCESSIBLE CEILING.
2. M.C. SHALL PROVIDE LOW VOLTAGE MOTORIZED DAMPER.
3. OPERATION OF DEVICE ON OCCUPIED MODE OF RTU OR SWITCH WITH LIGHTS. SEE INTERLOCK/CONTROL COLUMN FOR TYPE.

AGP
the Abila Griffin
Partnership L.L.C.
201 N. BROADWAY
SUITE 210
MOORE, OK. 73160
405.735.3477
AGP@theAGP.net
www.theAGP.net

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STRUCTURAL

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Norman, Oklahoma 73072
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