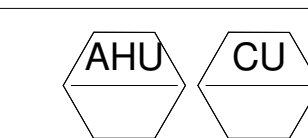


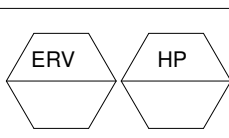
## SPLIT SYSTEM SCHEDULE



FURNACE DATA									
MARK	-	AHU-1	AHU-2	AHU-3	AHU-4	AHU-5	AHU-6	AHU-7	AHU-8
MANUFACTURER	-	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER
MODEL	-	59SC2C040S17-12	59SC2C080S21-20	59SC2C080S21-20	59SC2C060S17-16	59TP6A120E24-22	59TNA6080V17-14	59TP6A120E24-22	59SC2C080S17-16
SUPPLY AIR QUANTITY	CFM	700	1555	1750	980	1705	1100	1885	1170
OUTSIDE AIR QUANTITY	CFM	0	0	0	0	0	0	0	0
EXT. STATIC PRESSURE	IN. W.C.	0.6	0.6	0.75	0.75	0.75	0.75	0.65	0.5
HEATING ENTERING AIR TEMP. DB	*F	72	72	72	72	72	72	72	72
GAS HEATING INPUT	MBH	40	80	80	60	120/78	80/52	120/78	80
GAS HEATING OUTPUT	MBH	37	75	75	56	117/76	78/50	117/76	75
AFUE	%	92	92	92	92	96	96.2	96	92
GAS HEATING CONTROL	-	1 STAGE	1 STAGE	1 STAGE	1 STAGE	2 STAGE	2 STAGE	2 STAGE	1 STAGE
ELECTRICAL CHARACTERISTICS	VOLTS/PHASE	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1	120 / 1
UNIT MCA / MOCP	AMPS / AMPS	7.4/15	8.6/15	8.6/15	8.6/15	14.7/20	8.5/15	14.7/20	8.1/15
WEIGHT	LBS	132	158	142	122	190	150	190	151
COOLING COIL DATA									
MODEL	-	CAMP62417ALA	CAMP6021ALA	CAMP6024ALA	CAMP6017ALA	CNPV6124ALA	CNPV617ALA	CNPV6124ALA	CAMP63717ALA
NOMINAL TONNAGE	-	2	5	5	2.5	5	3	5	3
COOLING ENTERING AIR TEMP. DBWB	*F / *F	75 / 62.5	75 / 61.8	75 / 62.4	75 / 62.5	75 / 64.3	75 / 62.9	75 / 62.9	75 / 60.1
COOLING LEAVING AIR TEMP. DBWB	*F / *F	52.4/52.2	54.5 / 52.5	52.9/52	54.8/50.5	53.9/53.7	53.9/52.6	53.9/53.1	53.2/49.9
COOLING TOTAL CAPACITY	MBH	20.7	41.1	51.9	25.3	53.8	32.8	53.4	32.5
COOLING SENSIBLE CAPACITY	MBH	17.1	35.1	41.7	21.4	38.8	25.8	42.4	28.0
CONDENSING UNIT DATA									
MARK	-	CU-1	CU-2	CU-3	CU-4	CU-5	CU-6	CU-7	CU-8
MANUFACTURER	-	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER
MODEL	-	24ACC424A003	24ACC448A003	24ACC460A003	24ACC430A003	24ACB760AB03	24ACB736A003	24ACB760AB03	24ACC436A003
NOMINAL TONNAGE	-	2	4	5	2.5	5	3	5	3
MIN. S.E.E.R / SCHEDULED S.E.E.R.	-	14 / 14	14 / 14	14 / 14	14 / 14	14 / 16	14 / 15	14 / 16	14 / 14
REFRIGERANT TYPE	-	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
OUTDOOR TEMPERATURE RATING	*F	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
ELECTRICAL CHARACTERISTICS	VOLTS/PHASE	208/1	208/1	208/1	208/1	208/1	208/1	208/1	208/1
COMPRESSOR	RLA / LRA	10.9/62.9	15.6/105.7	20.8/124.1	12.8/67.8	28.8/152.9	15.3/83	28.8/152.9	13.6/79
CONDENSER FAN	HP / FLA	-0.5	-1.4	-1.52	-0.75	-1.3	-0.7	-1.3	-1.1
MCA/MOCP	A/A	14.1/20	20.9/35	27.5/40	16.8/25	37.3/60	19.8/35	37.3/60	18.1/30
WEIGHT	LBS	119	182	197	151	281	216	281	134
NOTES:	-	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5

- NOTES:  
 1. 7 DAY PROGRAMMABLE THERMOSTAT W/ ADAPTIVE RECOVERY  
 2. CONDENSER HAIL GUARDS  
 3. FURNISH INTEGRAL DISCONNECTS FOR AHU.  
 4. CONCENTRIC VENT KIT.  
 5. CONTRACTOR TO REFER TO SPECIFICATIONS FOR SIZING OF REFRIGERANT LINESETS.

## ENERGY RECOVERY UNIT SCHEDULE



MARK	-	ERV-A	ERV-B	ERV-C	ERV-D
MANUFACTURER	-	AAON	AAON	AAON	AAON
AIR HANDLER					
MODEL	-	V-3- BRB	V-3- BRB	V-3- BRB	V-3- BRB
TOTAL COOLING CAPACITY (EQUIVALENT)	MBH	85.2	86.4	63.6	84.4
TOTAL COOLING CAPACITY	MBH	85.2	86.4	63.6	84.4
SENSIBLE CAPACITY	MBH	55.5	57.6	42.3	55.2
SUPPLY AIR QUANTITY	CFM	1635	1840	1330	1680
COOLING AMBIENT TEMPERATURE (DBWB)	*F	96.2 / 76.2	96.2 / 76.2	96.2 / 76.2	96.2 / 76.2
HEATING AMBIENT TEMPERATURE (DBWB)	*F	16.8 / 15.0	16.8 / 15.0	16.8 / 15.0	16.8 / 15.0
EXHAUST AIR QUANTITY	CFM	1050	1640	1105	1370
EXTERNAL STATIC PRESSURE (SA/EA)	IN. H <sub>2</sub> O	0.6/0.5	0.5/0.5	0.5/0.5	0.7/0.6
MOTOR SIZE (SA FAN/EA FAN)	HP	2.3 / 1.3	2.3 / 1.3	1.3/1.3	2.3 / 1.3
MOTOR SIZE (CONDENSER FAN)	NUMBER/HP	2 / 0.33	2 / 0.33	1 / 0.33	2 / 0.33
ELECTRICAL CHARACTERISTICS	V/PH	208/3	208/3	208/3	208/3
MCA/MOCP	A/A	68/70	66/70	44/45	66/70
EER (PER AHR)	-	11.3	11.4	11.7	11.2
FILTER TYPE	-	4" PLEATED	4" PLEATED	4" PLEATED	4" PLEATED
FILTER EFFICIENCY	-	MERV 13	MERV 13	MERV 13	MERV 13
COOLING COIL EAT DBWB	*F/*F	84.8/69.7	82.8/68.6	82.1/68.2	82.9/68.6
COOLING COIL LAT DBWB	*F/*F	52.4/52.0	53/52.5	53.5/52.4	51.7/51.4
ENERGY WHEEL COOLING CAPACITY	MBH	40.0	53.2	40.5	48.1
ENERGY WHEEL HEATING CAPACITY	MBH	82.6	110	80.8	99.5
REHEAT COIL CAPACITY	MBH	40	44	33	42
REHEAT COIL LAT DBWB	*F	75 / 60.8	75 / 61.0	75 / 61	75 / 60.6
ELECTRIC HEATING	KW	15.8	15.8	10.5	15.8
HEATING LAT DBWB	MBH	71.8/55	76.7/58	74.5/57.6	79/59
WEIGHT	LBS	1,639	1,639	1,639	1,639
CONDENSER/HEAT PUMP					
MODEL	-	CFA-009	HPA-009	CFA-007	CFA-009
ELECTRICAL CHARACTERISTICS	V/PH	208/3	208/3	208/3	208/3
MCA/MOCP	A/A	39/50	39/50	28/45	39/50
WEIGHT	LBS	1,060	1,060	570	1,060
NOTES:	-	1-6	1-6	1-6	1-6

- NOTES:  
 1. AIR HANDLING UNIT SHALL BE SUPPLIED WITH ISOLATION DAMPERS, PHASE LOSS PROTECTION WITH AUTOMATIC RESET, FACTORY MOUNTED SINGLE POINT OF CONNECTION, ANTI-SHORT CYCLE TIMER, DISCONNECT SWITCH AND PROGRAMMABLE CONTROL MODULE/THERMOSTAT. REFER TO FLOOR PLANS FOR DISCHARGE ARRANGEMENT.  
 2. PROVIDE UNIT WITH ECONOMIZER, CLOGGED FILTER SWITCH, HOT GAS REHEAT, VARIABLE CAPACITY COMPRESSORS WITH 10-100 PERCENT CAPACITY CONTROL, STAGED ELECTRIC HEATER, INTEGRAL UNITARY CONTROLLER, EXHAUST FAN, MOTORIZED DAMPERS ON EXHAUST AND OA DUCT CONNECTIONS.  
 3. EQUIPMENT MANUFACTURER SHALL PROVIDE SHOP DRAWING DATA INDICATING HOW UNIT IS TO BE MOUNTED.  
 4. SYSTEM TO DELIVER ROOM NEUTRAL AIR. UNIT SHALL BE CAPABLE OF PROVIDING 75° F REHEAT TEMPERATURE AT A MINIMUM AND SHALL BE CAPABLE OF PROVIDING AIR WITH A MAXIMUM OF 65 GRAINS MOISTURE PER POUND OF DRY AIR. PROVIDE HUMIDITY SENSOR IN RETURN DUCT FOR REHEAT CONTROL.  
 5. AMBIENT DESIGN TEMPERATURE DBWB (F):  
 COOLING: 96.2/76.2  
 HEATING: 16.8/15  
 6. MECHANICAL CONTRACTOR TO VERIFY CORRECT ORIENTATION OF UNIT PRIOR TO SUBMITTAL.

## AIR DEVICE SCHEDULE

TAG	NECK SIZE	BRANCH SIZE**	MAX. FLOW (CFM)	STATIC (ESP)	FINISH	MANUFACTURER	MODEL	NOTES
A	6X4	5"	60	0.074	WHITE	TITUS	250 AA	1
	12X6	7"	150	0.046				
	12X8	9"	275	0.046				
B	10X6	8"	205	0.054	WHITE	TITUS	300FL	1.
	18X8	9" 10" 11"	290 385 440	0.045				
C	16X16	10"	380	0.092	WHITE	TITUS	PAS-AA	1, 3
D	13.5"	7"	150	0.07	WHITE	TITUS	R-OMNI	1
M	6X6	6"	95	0.021	WHITE	TITUS	50F	1, 2
	10X10	10X10	415	0.042				
	12X12	12X12	615	0.042				
	16X16	16X16	1135	0.042				

\*\* NOMINAL DIMENSIONS SHOWN - EQUIVALENT ROUND OR RECTANGULAR ACCEPTABLE UNLESS OTHERWISE NOTED.  
 NOTES:

- PROVIDE SQUARE TO ROUND TRANSITIONS AS REQUIRED FOR COORDINATION OF DUCT AND AIR DEVICE NECK. ALUMINUM SUPPLY GRILLE. A BRANCH DUCT VD IS REQUIRED.
- ALUMINUM 1/2" X 1/2" X 1/2" GRID. FILTER SUPPLIED AT AIR HANDLING UNIT.
- PERFORATED SUPPLY LOCATED IN KITCHEN.

GENERAL NOTES. ALL DEVICES:

- BORDER TYPE SHALL BE SELECTED AS COORDINATED WITH ARCHITECT'S REFLECTED CEILING PLAN.
- PROVIDE SQUARE TO ROUND TRANSITIONS AS REQUIRED FOR COORDINATION OF DUCT AND AIR DEVICE NECK.
- INSULATE THE TOPS OF ALL SUPPLY AIR DEVICES WITH 2" FIBERGLASS DUCT WRAP. SEAL AIR TIGHT AROUND EDGES TO PREVENT CONDENSATION.
- PROVIDE CEILING RADIATION DAMPER AT EACH DEVICE WHERE INSTALLED IN RATED FLOOR/CEILING ASSEMBLY.

## PACKAGED TERMINAL HEAT PUMP SCHEDULE

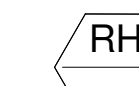


MARK	-	PTH-1	PTH-2	PTH-3	PTH-4
MANUFACTURER	-	FRIEDRICH	FRIEDRICH	FRIEDRICH	FRIEDRICH
MODEL	-	PDH07K	PDH09K	PDH12K	PDH15K
SUPPLY AIR QUANTITY (HIGH SETTING)	CFM	315	325	390	390
OUTSIDE AIR QUANTITY	CFM	0	0	0	0
COOLING TOTAL CAPACITY	BTUH	7000	9200	11600	14200
REVERSE CYCLE HEATING CAPACITY AT 47°F	BTUH	5800	8100	10400	13000
C.O.P.	-	3.6	3.5	3.4	3.1
E.E.R.	-	13.0	12.4	11.6	10.4
ELECTRICAL CHARACTERISTICS	VOLTS/PHASE	208 / 1	208 / 1	208 / 1	208 / 1
AUXILIARY HEATER	KW	2.5	2.8	2.8	2.8
MCA / MOCP	AMPS	14/15	19/20	19/20	19/20
WEIGHT	LBS	113	119	122	124

NOTES / ACCESSORIES:

- PROVIDE WALL SLEEVE, SUB-BASE, 15A OR 20A CORD, WALL-MOUNTED WIRED THERMOSTAT, ALUMINUM ARCHITECTURAL LOUVER, AND CONDENSATE KIT.
- MC TO CONFIRM SPECIFIED AIRFLOW IS ACHIEVED. INCLUDE IN START-UP REPORTS. SUBMIT REPORTS TO EOR PRIOR TO SUBSTANTIAL COMPLETION.

## ROOF HOOD SCHEDULE

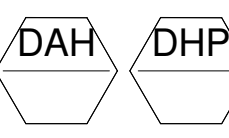


TAG	MANUFACTURER	MODEL	DUTY	CFM	S.P. (IN. W.G.)	SIZE (IN.)		WEIGHT (LBS)	NOTES
						THROAT	OVERALL		
RH-1	GREENHECK	FGI	INTAKE	1635	0.07	18 X 18	32X39X16	55	1, 2
RH-2	GREENHECK	FGR	RELIEF	1015	0.06	18 X 18	32X39X16	55	1, 2
RH-3	GREENHECK	FGI	INTAKE	1840	0.07	18 X 18	32X39X16	55	1, 2
RH-4	GREENHECK	FGR	RELIEF	1610	0.06	18 X 18	32X39X16	55	1, 2
RH-5	GREENHECK	FGI	INTAKE	1330	0.07	18 X 18	32X39X16	55	1, 2
RH-6	GREENHECK	FGR	RELIEF	1105	0.06	18 X 18	32X39X16	55	1, 2
RH-7	GREENHECK	FGI	INTAKE	6450	0.07	36X36	69X63X19	134	1, 2
RH-8	GREENHECK	FGR	RELIEF	1680	0.06	18 X 18	32X39X16	55	1, 2
RH-9	GREENHECK	FGI	INTAKE	1370	0.07	18 X 18	32X39X16	55	1, 2

NOTES:

- FURNISH WITH GREENHECK - CURB, MESH INSECT SCREEN, GALV. STEEL HOUSING, HIGH WIND RATING (130 PSF)
- FURNISH WITH ADJUSTABLE BAROMETRIC BACKDRAFT DAMPER

## VARIABLE SPEED COMPRESSOR SPLIT SYSTEM SCHEDULE



AHU TAG	SERVICE	SUPPLY FAN		ELECTRICAL			MODEL	DIMENSIONS HWXWD, IN	WEIGHT LBS	OUTDOOR UNIT TAG	SYSTEM COOLING		SYSTEM HEATING		ELECTRICAL			MODEL	SYSTEM DIMENSIONS HWXWD, IN	WEIGHT LBS	NOTES-ACCESSORIES
		CFM	E.S.P. (IN. W.G.)	V.-PH.	MCA	MOCP					BTU/HR.	SEER	BTU/HR	HSPF AT 47 DEG F	V.-PH.	MCA	MOCP				
DAH-1	LAUNDRY	425	-	208/1/60	-	-	PKA-A12HA4	12X35X10	29	DHP-1	12,000	17	18,000	10.2	208/1/60	11	28	PUZ-A12NKA7	25X32X11	93	1-5, 7
DAH-2	INTER. KIT.	775	-	208/1/60	-	-	PKA-A24KA4	14X46X11.5	46	DHP-2	24,000	17	28,000	10.8	208/1/60	19	26	PUZ-A24NHA7	37X37X13	153	1-5, 7
DAH-3	IT ROOM	775	-	208/1/60	-	-	PKA-A24KA4	14X46X11.5	46	DHP-3	24,000	17	28,000	10.8	208/1/60	19	26	PUZ-A24NHA7	37X37X13	153	1-7

NOTES:

- BASIS OF DESIGN SHALL BE MITSUBISHI. INDOOR UNIT AND OUTDOOR UNIT WITH VARIABLE SPEED COMPRESSOR. INDOOR UNIT IS POWERED THROUGH OUTDOOR UNIT. PROVIDE MANUFACTURER'S FILTER AND CONDENSATE PUMP.
- UNIT MODELS, EFFICIENCIES AND CAPACITIES AS SCHEDULED REPRESENT THE MINIMUM PERFORMANCE REQUIREMENT THAT MUST BE MET. EQUIPMENT ALTERNATIVES MUST MEET THE PERFORMANCE REQUIREMENTS INDICATED IN THIS SCHEDULE AT A MINIMUM. ANY CHANGES TO THE ELECTRICAL POWER SYSTEM REQUIRED DUE TO EQUIPMENT SUBSTITUTIONS SHALL BE THE SOLE RESPONSIBILITY OF THIS CONTRACTOR AND SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- UNITS SHALL BE RATED FOR REQUIRED LINE LENGTHS AND LIFT.
- SUPPLY OUTDOOR UNIT WITH PHASE VOLTAGE MONITORS WITH LOSS PROTECTION AND AUTOMATIC RESET, FAN MOTOR THERMAL SWITCH, HIGH AND LOW PRESSURE CONTROLS, AND INVERTER SCROLL COMPRESSOR. MAINTAIN OPERATIONAL AND MAINTENANCE CLEARANCES, INCLUDING EXTENDED CLEARANCES TO ADJACENT EQUIPMENT.
- PROVIDE REFRIGERANT LINESET SIZED PER MANUFACTURER'S EQUIVALENT LENGTH AND ELEVATION REQUIREMENTS.
- PROVIDE CONDENSER LOW AMBIENT KIT.
- MC TO CONFIRM SPECIFIED AIRFLOW IS ACHIEVED. INCLUDE IN START-UP REPORTS. SUBMIT REPORTS TO EOR PRIOR TO SUBSTANTIAL COMPLETION.