

### SPLIT SYSTEM SCHEDULE

AIR HANDLING UNIT													AIR COOLED CONDENSING UNIT										SYSTEM DATA															
MARK	AREA SERVED	MODEL	TOTAL CFM	O/A CFM	ESP	HEATER			FAN HP	EDB °F	EWB °F	LDB °F	LWB °F	WT LBS	UNIT			MARK	MODEL NO.	WT LBS	ELECTRICAL VOLTS-PH-HZ	COMPRESSOR			FAN QTY	UNIT FLA	MCA	FUSE	MAX	CAPACITY		EER	IPLV	REF. LINES		DIMENSIONS		
						KW	208 V	STEP							MCA	FUSE	VOLTS-PH-HZ					L	X	W						X	H			QTY	RLA	LRA	QTY	FLA
AHU-K-1	SEE PLAN	TWE120E	4000	871	.75	7.5		1	2.0	78.3	67.3	54.7	54.2	429	7.8	15.0	208-3-60	26X64X55	CU-K-1	TTA120E3	424	208-3-60	2	16.0 (EACH.)	110.0 (EACH.)	1	5.0	41.0	45	124.0	97.02	11.2	12.2	1-1/8	1/2	52X40X40		

**SPLIT SYSTEM NOTES:**

- OUTSIDE AIR DESIGN CONDITIONS: 92FDB - 78°WB (POMPANO BEACH-FL).
- PROVIDE FACTORY INSTALLED STAINLESS STEEL DRAIN PAN.
- PROVIDE DOUBLE WALL CONSTRUCTION AHU.
- PROVIDE CONDENSATE OVERFLOW SWITCH.
- PROVIDE AHU/COIL WITH DUAL REFRIGERATION CIRCUITS.
- PROVIDE FILTER RACK FOR AHU. PROVIDE 2" FILTER-PLEATED MERV 7.
- PROVIDE 1" SPRING ISOLATION FOR AHU.
- PROVIDE BUILT-IN DISCONNECT WITH ALL AIR HANDLING UNITS.
- PROVIDE FACTORY INSTALLED CRANK CASE HEATER.
- PROVIDE CONDENSING UNITS WITH SINGLE POINT POWER, DISCONNECT SWITCH, NON POWERED.
- PROVIDE FACTORY INSTALLED COPPER TUBE ALUMINUM FIN CONDENSER COIL.
- PROVIDE CONDENSING UNIT W/ CORROSION PROTECTION ON CONDENSER COIL.
- SIZE AND RUN REFRIGERANT PIPING AS MANUFACTURER'S LATEST PUBLISHED RECOMMENDATIONS.
- INSTALL CHEMICAL DRYER AND STRAINER IN REFRIGERANT LIQUID LINES.
- INSULATE REFRIGERANT SUCTION LINE WITH 3/4" FIRE RETARDANT ARMAFLEX.
- CONTRACTOR TO VERIFY AHU HAND FOR CONNECTIONS AND ACCESS PRIOR TO ORDERING.
- PROVIDE AND INSTALL CONDENSING UNITS IN COMPLIANCE WITH WIND RESISTANCE AS PER FBC.
- THE SPECIFIED AHU AND CONDENSER ARE THE BASIS OF DESIGN.

### FAN SCHEDULE

MARK	SELECTION BASED ON			AREA SERVED	CFM	ESP IN WG	RPM	MOTOR DATA			DRIVE	SONES OR NC	UNIT WEIGHT	ACCESSORIES/REMARKS
	MAKE	TYPE	MODEL NO.					HP	RPM	VOLTS-PH-HZ				
EF-J-1	GREENHECK	CABINET CASSETTE FAN	SP-110-VG	JANITOR'S CLOSET	100	0.30	940	8 W	---	120-1-60	DIRECT	-	24	
KSF-1	CAPTIVEAIRE	DOWNBLAST CENTRIFUGAL FAN	#A2-G15	KITCHEN HOOD-MAKEUP AIR	3984	0.750	669	2.00	1725	208-1-60	BELT	12	370	4,6
KEF-1	CAPTIVEAIRE	DOWNBLAST CENTRIFUGAL FAN	NCA16FA	KITCHEN HOOD-EXHAUST	2460	1.20	1090	1.50	1725	208-1-60	BELT	12.9	157	4,6
KEF-2	CAPTIVEAIRE	DOWNBLAST CENTRIFUGAL FAN	NCA16FA	KITCHEN HOOD-EXHAUST	2520	1.20	1094	1.50	1725	208-1-60	BELT	13	157	4,6
CHEF-1	GREENHECK	UPBLAST CENTRIFUGAL FAN	CUE-101HP-VG	DISHWASHER-EXHAUST	300	1.20	1825	0.50	2500	208-1-60	DIRECT	9.6	61	4,8

**GENERAL FAN NOTES:**

- PROVIDE MOTOR STARTERS, DISCONNECTS AND ALL ASSOCIATED CONTROLS ON ALL FANS.
- FIELD ADJUST OPENINGS WITH STRUCTURE.
- ALL OUTDOOR EQUIPMENT SHALL COMPLY WITH LOCAL ZONING NOISE ORDINANCE OR NOT EXCEED A NOISE LEVEL OF 55DB AS MEASURED RADIALLY 15 FT. FROM THE EQUIPMENT IN ALL DIRECTIONS.
- COORDINATE WITH ELECTRICAL CONTRACTOR BEFORE BIDDING OR ORDERING ANY EQUIPMENT.
- SEE GENERAL AIR CONDITIONING, DUCTWORK, AND COORDINATION NOTES FOR OTHER FIELD SUPPLIED ITEMS.
- PROVIDE FACTORY FAN MOUNTING SUPPORTS-LEGS, CURBS, HANGING CLIPS, ETC.
- ALL ROOF MOUNTED FANS NEED TO HAVE MIAMI DADE COUNTY PRODUCT CONTROL AND FLORIDA BUILDING COMMISSION APPROVAL.
- REFER TO HOOD DESIGN DRAWINGS FOR FAN CONTROL OPERATIONS BY HOOD CONTROL PANEL.
- GREENHECK AND CAPTIVEAIRE ARE THE BASIS OF DESIGN.

**ACCESSORIES/REMARKS:**

- PROVIDE WITH ONE PIECE FULLY WELDED, VENTED AND INSULATED ROO CURB.
- PROVIDE WITH HINGED CURB (FAN) BASE.
- PROVIDE WITH GREASE TRAP KIT.
- PROVIDE WITH FACTORY CURB KIT.
- FAN BLADES MUST BE FACTORY ADJUSTED. CONSULT MANUFACTURER'S REPRESENTATIVE.
- MIAMI-DADE NOA# 14-0722.16 EXP. DATE: MARCH 4, 2019.
- CORROSION RESISTANT FAN. MOUNT FAN OUT OF THE AIR STREAM.
- MIAMI-DADE NOA# 16-0209.05 EXP. DATE: SEPTEMBER 23, 2019.

SHEET TITLE:  
MECHANICAL INDEX,  
SYMBOL LEGEND AND NOTES

SHEET NUMBER:  
**M-100.2**

FILE NO.: 15.012  
DATE: 07/23/15  
DRAWN BY: SBU/DS/RT  
CHECKED BY: GSJ

PROJECT:  
KITCHEN RENOVATION TO  
NORTH HOMELESS ASSISTANCE CENTER  
**BROWARD COUNTY**  
1700 BLOUNT ROAD, POMPANO BEACH, FL

NO. DESCRIPTION DATE BY  
 BUILDING DEPT COMMENTS 09/28/16  
 KITCHEN REDESIGN 09/28/16  
 CMD COMMENTS 12/02/16

REVISIONS

STAMP:

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