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AIR DISTRIBUTION SCHEDULE						
PLAN MARK	CFM	NECK SIZE	FACE SIZE	DESCRIPTION	ADDITIONAL REQUIREMENTS	
A	000-110 111-240 241-420 421-620 621-750 751-980 000-110 111-240	8" 8" 10" 12" 14" 15" 6" 8"	24x24 24x24 24x24 24x24 24x24 24x24 12x12 12x12	BASIS OF DESIGN: PRICE ASPRO COLOR: AS SELECTED BY ARCHITECT MATERIAL: ALUMINUM OPPOSED BLADE DAMPERS: NO	SUPPLY CEILING DIFFUSER SURFACE-MOUNT: BORDER TYPE 31 WITH AMF FRAME LAY-IN: BORDER TYPE 31	
B	000-145 146-315 316-480 481-630 631-825 826-1120 1121-1450 1451-1945 1946-2165 5000	8x8 8x8 10x10 12x12 14x14 16x16 18x18 20x20 22x22 24x20	24x24 24x24 24x24 24x24 24x24 24x24 24x24 24x24 48x24	BASIS OF DESIGN: PRICE-60 COLOR: AS SELECTED BY ARCHITECT MATERIAL: ALUMINUM VOLUME DAMPERS: NO 1/2"x1/2"X1/2" EGGRATE GRID SQUARE NECK & FACE. FOR RETURN & EXHAUST, SIZE PER SCHEDULE FOR TRANSFER, SEE PLANS FOR SIZE.	RETURN/EXHAUST CEILING GRILLE SURFACE-MOUNT: BORDER TYPE F LAY-IN: BORDER TYPE TB W/24x24 FACE	
C	SEE PLANS	SEE PLANS	FACE SIZE EQUALS NECK SIZE PLUS Z".	BASIS OF DESIGN: PRICE-6200 COLOR: AS SELECTED BY ARCHITECT MATERIAL: ALUMINUM OPPOSED BLADE DAMPERS: YES DOUBLE DEFLECTION, 3/4" BLADE SPACING. FRONT BLADES PARALLEL TO LONG DIMENSION	SIDEWALL SUPPLY REGISTER SURFACE-MOUNT: BORDER TYPE F	
D	SEE PLANS	SEE PLANS	FACE SIZE EQUALS NECK SIZE PLUS Z".	BASIS OF DESIGN: PRICE-6102 COLOR: AS SELECTED BY ARCHITECT MATERIAL: ALUMINUM OPPOSED BLADE DAMPERS: NO 0" FIXED DEFLECTION, 3/4" BLADE SPACING. FRONT BLADES PARALLEL TO LONG DIMENSION	RETURN/EXHAUST SIDEWALL GRILLE SURFACE-MOUNT: BORDER TYPE F	
E	SEE PLANS	10x6		GRILLE PROVIDED BY CELL MANUFACTURER	INTEGRAL TO CELL SUPPLY GRILLE	
F	SEE PLANS	10x6		GRILLE PROVIDED BY CELL MANUFACTURER	INTEGRAL TO CELL EXHAUST GRILLE	
F2	SEE PLANS	10x10		GRILLE PROVIDED BY CELL MANUFACTURER	INTEGRAL TO CELL EXHAUST GRILLE	
G	0-100 101-178 179-276 279-450 451-544 545-711 712-900 901-1111 1112-1344	8x6 8x6 10x10 12x12 14x14 16x16 18x18 20x20 22x22	FACE SIZE EQUALS NECK SIZE PLUS Z".	BASIS OF DESIGN: PRICE-MSGP COLOR: AS SELECTED BY ARCHITECT MATERIAL: ALUMINUM PERFORATED FACE	SUPPLY CEILING SECURE DIFFUSER	
H	0-100 101-178 179-276 279-450 451-544 545-711 712-900 901-1111 1112-1344	8x6 8x6 10x10 12x12 14x14 16x16 18x18 20x20 22x22	FACE SIZE EQUALS NECK SIZE PLUS Z".		RETURN/EXHAUST CEILING SECURE GRILLE	
I	SEE PLANS	SEE PLANS	FACE SIZE EQUALS NECK SIZE PLUS Z".		SIDEWALL SECURE SUPPLY REGISTER	
J	SEE PLANS	SEE PLANS	FACE SIZE EQUALS NECK SIZE PLUS Z".		RETURN/EXHAUST SECURE SIDEWALL GRILLE	

**NOTES:**

1. AIR DISTRIBUTION DEVICES LOCATED WITHIN ACOUSTICAL TILE CEILINGS SHALL BE PROVIDED WITH BORDER FOR LAY-IN/MOUNTING. AIR DISTRIBUTION DEVICES LOCATED WITHIN GYPSUM BOARD CEILINGS OR IS SHALL BE PROVIDED WITH BORDER FOR SURFACE MOUNTING. REFER TO ARCHITECTURAL DOCUMENTS FOR CEILING TYPES.
2. AIR DISTRIBUTION DEVICES LOCATED IN SMALL ROOMS WHERE FULL 24x24 LAY-IN GRID SPACE IS NOT AVAILABLE SHALL BE PROVIDED WITH SURFACE MOUNTING BORDERS IN LIEU OF LAY-IN, AND SHALL BE SURFACE-MOUNTED IN A CEILING TILE. SECURE EACH SUCH DEVICE TO CEILING GRID WITH FIELD-FABRICATED SUPPORTS ON TOP SIDE OF TILE, SO THAT TILE DOES NOT SAG OR CRACK.
3. BRANCH DUCTWORK SHALL BE RAN FULL SIZE OF DIFFUSER/GRILLE NECK SIZE UNLESS OTHERWISE NOTED.
4. DIFFUSER/GRILLE SHALL BE PAINTED TO MATCH CEILING COLOR. REFER TO ARCHITECTURAL & INTERIOR DOCUMENTS FOR CEILING COLOR.

CONDENSATE PUMP SCHEDULE							
MARK	MFR	MODEL	EQUIPMENT SERVED	VOLTS / PHASE	HP	GAL PER HOUR	FT HEAD
CP-5	LITTLE GIANT	VCMX-20ULS-C	FCU-5	120 / 1	1/30	60	10
CP-6	LITTLE GIANT	VCMX-20ULS-C	FCU-6	120 / 1	1/30	60	10
CP-7	LITTLE GIANT	VCMX-20ULS-C	FCU-7	120 / 1	1/30	60	10
CP-8	LITTLE GIANT	VCMX-20ULS-C	FCU-8	120 / 1	1/30	60	10
CP-9	LITTLE GIANT	VCMX-20ULS-C	FCU-9	120 / 1	1/30	60	10
CP-10	LITTLE GIANT	VCMX-20ULS-C	FCU-10	120 / 1	1/30	60	10

NOTES:

1. PROVIDE WITH MINIMUM 8 FOOT GROUND 3-PRONG PLUG.
2. PROVIDE WITH OVERFLOW DETECTION SWITCH.
3. PROVIDE WITH MINIMUM 3 YEAR WARRANTY.
4. CONDENSATE PUMP SHALL HAVE AUTOMATIC START AND STOP OPERATION.
5. PROVIDE STAINLESS STEEL MOTOR SHAFT.

SPLIT DX FAN COIL UNIT SCHEDULE																
MARK	MFR	MODEL	TYPE	AREA SERVED	REFRIG TYPE	CFM	OA CFM	CAPACITY		ENT. AIR DATA	HEATING CAPACITY	ELECTRICAL DATA		VOLTS / PHASE	WEIGHT LBS	
								(BTU/H)	SENSIBLE			DB (F)	WB (F)			MCA
FCU-1	DAIKIN	FT048TAVJUJA	VERTICAL CONCEALED	HOUSING POD CHASE	R-410A	1,520	-	48,000	32,700	80	67	54,000	6.5	15	208 / 1	150
FCU-2	DAIKIN	FT048TAVJUJA	VERTICAL CONCEALED	HOUSING POD CHASE	R-410A	1,520	-	48,000	32,700	80	67	54,000	6.5	15	208 / 1	150
FCU-3	DAIKIN	FT048TAVJUJA	VERTICAL CONCEALED	HOUSING POD CHASE	R-410A	1,520	-	48,000	32,700	80	67	54,000	8.5	15	208 / 1	150
FCU-4	DAIKIN	FT048TAVJUJA	VERTICAL CONCEALED	HOUSING POD CHASE	R-410A	1,520	-	48,000	32,700	80	67	54,000	6.5	15	208 / 1	150
FCU-5	DAIKIN	FBQ38PJUJ	HORIZONTAL CONCEALED	POWER STATION	R-410A	500	-	36,000	27,200	80	67	40,000	6.5	15	208 / 1	110
FCU-6	DAIKIN	FAQ24TAVJUR	DUCTLESS WALL-MOUNTED	EM ELEC. SWGR. C160	R-410A	635	-	24,000	18,000	80	67	27,000	0.6	15	208 / 1	50
FCU-7	DAIKIN	FAQ24TAVJUR	DUCTLESS WALL-MOUNTED	ELECT. SWGR. C161	R-410A	635	-	24,000	18,000	80	67	27,000	0.6	15	208 / 1	50
FCU-8	DAIKIN	FAQ24TAVJUR	DUCTLESS WALL-MOUNTED	WATER METER MAIN C162	R-410A	635	-	24,000	18,000	80	67	27,000	0.6	15	208 / 1	50
FCU-9	DAIKIN	FAQ24TAVJUR	DUCTLESS WALL-MOUNTED	SEC. R-410A C206	R-410A	635	-	24,000	18,000	80	67	27,000	0.6	15	208 / 1	50
FCU-10	DAIKIN	FAQ24TAVJUR	DUCTLESS WALL-MOUNTED	COR. C159	R-410A	635	-	24,000	18,000	80	67	27,000	0.6	15	208 / 1	50
NOTES:																
1. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS AND ADDITIONAL REQUIREMENTS.																
2. PROVIDE SINGLE POINT (SINGLE CIRCUIT) ELECTRICAL CONNECTION.																
3. PROVIDE ONE (1) SET OF CONSTRUCTION AIR FILTERS AND ONE (1) SET OF NEW FILTERS TO BE INSTALLED AT TIME OF C.O.																
4. INSTALL PER MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.																
5. PROVIDE ALL MANUFACTURER AND CODE REQUIRED CLEARANCES.																
6. PROVIDE 3" HIGH GALVANIZED STEEL AUXILIARY DRAIN PAN FOR ALL FCUS EXCEPT WALL-MOUNTED.																
7. SEE DIVISION 26 FOR DISCONNECT.																
8. INDOOR AND OUTDOOR EQUIPMENT SHALL BE MATCHED SET BY THE SAME MANUFACTURER.																
9. DRAIN PAN HIGH LEVEL SAFETY SWITCH SHALL BE WIRED IN SERIES WITH UNIT SAFETY CIRCUIT FOR UNIT SHUTDOWN.																
10. PROVIDE CONDENSATE TRAP AND PIPING TO NEAREST HUB DRAIN. REFER TO PLUMBING DRAWINGS FOR HUB DRAIN LOCATIONS.																
11. ALL REFRIGERANT LINE SIZES SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, INCLUDING ALL RECOMMENDED REFRIGERANT LINE ACCESSORIES.																
12. PROVIDE MANUFACTURER'S STANDARD W/RED THERMOSTAT (WIRELESS IS NOT ACCEPTABLE).																

CONDENSING UNIT SCHEDULE (HEAT PUMP)											
BASIS OF DESIGN				ELECTRICAL DATA							
PLAN MARK	MFRGR	MODEL	EQUIPMENT SERVED	REFRIG.	TOTAL COOLING RATING (BTU/H)	HEATING CAPACITY (BTU/Hr)	SEER	MCA	MOP	VOLTS / PHASE	WEIGHT (LB)
CU-1	DAIKIN	RZQ24TAVJUA	FCU-1	R-410A	48,000	54,000	14.8	29.1	35	208 / 1	225
CU-2	DAIKIN	RZQ48TAVJUA	FCU-2	R-410A	48,000	54,000	14.8	29.1	35	208 / 1	225
CU-3	DAIKIN	RZQ48TAVJUA	FCU-3	R-410A	48,000	54,000	14.8	29.1	35	208 / 1	225
CU-4	DAIKIN	RZQ48TAVJUA	FCU-4	R-410A	48,000	54,000	14.8	29.1	35	208 / 1	225
CU-5	DAIKIN	RZQ36TAVJUA	FCU-5	R-410A	36,000	40,000	17.5	29.1	35	208 / 1	225
CU-6	DAIKIN	RZQ24TAVJUA	FCU-6	R-410A	24,000	27,000	17.6	16.5	25	208 / 1	175
CU-7	DAIKIN	RZQ24TAVJUA	FCU-7	R-410A	24,000	27,000	17.6	16.5	25	208 / 1	175
CU-8	DAIKIN	RZQ24TAVJUA	FCU-8	R-410A	24,000	27,000	17.6	16.5	25	208 / 1	175
CU-9	DAIKIN	RZQ24TAVJUA	FCU-9	R-410A	24,000	27,000	17.6	16.5	25	208 / 1	175
CU-10	DAIKIN	RZQ24TAVJUA	FCU-10	R-410A	24,000	27,000	17.6	16.5	25	208 / 1	175

NOTES:

- SEE SPECIFICATIONS FOR OTHER APPLIED MANUFACTURERS AND ADDITIONAL REQUIREMENTS.
- PROVIDE HOUSEKEEPING PAD FOR MOUNTING UNIT AT GRADE OUTSIDE THE BUILDING. PAD SHALL EXTEND A MINIMUM OF 6 INCHES BEYOND EQUIPMENT ON ALL SIDES. WHERE LOCATED ADJACENT TO BUILDING, PAD SHALL EXTEND TO THE BUILDING.
- INSTALL AS DETAILED TO PER MANUFACTURERS WRITTEN INSTALLATION INSTRUCTIONS.
- PROVIDE ALL MANUFACTURER AND CODE REQUIRED CLEARANCES.
- SEE DIVISION 26 FOR DISCONNECT.
- PROVIDE MINIMUM 4" PVC CONDUIT WITH LONG RADIIUS ELBOWS FOR RISLR PIPING BETWEEN CONDENSING UNIT OUTSIDE AND INTO THE BUILDING.

FAN SCHEDULE

PLAN MARK	MFGOR	BASIS OF DESIGN				FAN SERVICE	CFM	S.P. IN./MIN.	FAN RPM	B.H.P.	H/P	MOTOR HP	VOLTS / TYPE	DRIVE TYPE	VFD	SMOKE CONTROL	EMERGENCY POWER	ACCESSORIES	WEIGHT (LB)
E-F-1	COOK	70SQIN-SID		SQUARE INLINE	J.C.'S STORE C-155		100	0.35	1,622	99 W	1/20	1,550	120 V/1	DIRECT	No	No	No	4, 5	35
E-F-2	COOK	70SQIN-SID		SQUARE INLINE	J.C. C-205		100	0.35	1,622	99 W	1/20	1,550	120 V/1	DIRECT	No	No	No	4, 5	35
SEF-1	COOK	270QMX-XP		MIXED FLOW	HOUSING POD C SMOKE EXHAUST		10,000	3.5	1,280	7.92	15.0	1,725	460 V/3	BELT	Yes	Yes	Yes	1, 2, 3	1,185
SSF-1	COOK	245QMX-XP		MIXED FLOW	HOUSING POD C SMOKE MAKE-UP		8,500	3.5	1,145	6.78	7.5	1,725	460 V/3	BELT	Yes	Yes	Yes	1, 2, 3	1,027
ACCESSORIES:																SMOKE CONTROL NOTES:			
1. MOTORIZED DAMPER COMPANION FLANGES. 3. SPARK / EXPLOSION PROOF 4. BACKDRAFT CONTROLLER 5. FAN SPEED CONTROLLER																1. FANS SHALL BE LK LISTED FOR SMOKE CONTROL. 2. PROVIDE 1:1 TIMES REQUIRED NUMBER OF BELTS FOR BELT-DRIVE FANS SERVING STAIRWELLS (MINIMUM 2 BELTS) 3. FAN MOTOR SHALL HAVE MINIMUM SERVICE FACTORS OF 1.5.			
GENERAL NOTES:																1. SEE SPECIFICATIONS FOR OTHER APPROVED MANUFACTURERS AND ADDITIONAL REQUIREMENTS. 2. SEE DIVISION 26 FOR DISCONNECT SWITCH. 3. PROVIDE ALL MANUFACTURER AND CODE REQUIRED CLEARANCES.			

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REVISIONS	
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APPROVED BY	C FLOEGEL
CHECKED BY	C FLOEGEL
DATE	JULY 24, 2020
TITLE	