

### AIR CURTAIN SCHEDULE

TAG	DESCRIPTION	AIRFLOW	UNIT WEIGHT	HEATING ELEMENT	ELECTRICAL			FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	REMARKS
					MOTOR POWER	VOLT	PH					
AC-1	AIR CURTAIN	1590 CFM	172 lb	20000 W	0.50 hp	208 V	3	HS	GC	POWERED AIRE	CED-2-7ZE	PROVIDE WITH COMMERCIAL CONCEALED MAGNETIC DOOR SWITCH, BUILT-IN TIME DELAY RELAY, LINE VOLTAGE THERMOSTAT, AND COMMERCIAL DECORATOR SWITCH. COORDINATE INSTALL OF THERMOSTAT AND SWITCH WITH OWNER.

### AIR TERMINAL SCHEDULE

TAG	DESCRIPTION	FACE SIZE	MATERIAL	FINISH	MOUNTING	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		NOTES
								MANUFACTURER	MODEL	
BS1	BATHROOM AIR PURIFICATION UNIT		STAINLESS STEEL	STAINLESS STEEL	SURFACE MOUNT	TUV	GC	RGF ENVIRONMENTAL GROUP	BRU ASSEMBLY	SEE ELECTRICAL SHEETS FOR CONNECTION INFORMATION
CD1	PERFORATED CEILING DIFFUSER	24" X 24"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4320A TYPE L	PROVIDE WITH INTEGRAL OBD
CD2	PERFORATED CEILING DIFFUSER	24" X 12"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4320A TYPE L	PROVIDE WITH INTEGRAL OBD, REMOVE 4-WAY DEFLECTORS
ER1	PERFORATED CEILING EXHAUST	12" X 12"	ALUMINUM	WHITE	SURFACE MOUNT	GC	GC	NAILOR	4330R TYPE S	PROVIDE INTEGRAL OBD
RG1	PERFORATED CEILING RETURN	48" X 24"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4330R TYPE L	
RG3	PERFORATED CEILING RETURN	48" X 24"	ALUMINUM	WHITE	SURFACE MOUNT	GC	GC	NAILOR	4330R TYPE S	
SR1	ADJUSTABLE TURBO NOZZLE	SEE NECK SIZE	ALUMINUM	WHITE	WALL	GC	GC	AIR CONCEPTS	ANR-14	PROVIDE WITH CONCEALED MOUNTING AND FACE-ACCESSIBLE OBD
SR2	DOUBLE DEFLECTION SUPPLY REGISTER	SEE NECK SIZE	ALUMINUM	WHITE	WALL	GC	GC	NAILOR	51DH	PROVIDE WITH INTEGRAL OBD

### AIR BALANCE SCHEDULE

TAG	SUPPLY FLOW	RETURN FLOW	EXHAUST FLOW	SUBTOTAL
EF-1	0 CFM	0 CFM	3,200 CFM	-3,200 CFM
EF-2	0 CFM	0 CFM	150 CFM	-150 CFM
EF-3	0 CFM	0 CFM	600 CFM	-600 CFM
MAU-1	1,950 CFM	0 CFM	0 CFM	1,950 CFM
RTU-1	3,400 CFM	2,450 CFM	0 CFM	950 CFM
RTU-2	4,000 CFM	2,850 CFM	0 CFM	1,150 CFM
NET PRESSURIZATION				100 CFM

### FAN SCHEDULE

TAG	DESCRIPTION	AIRFLOW	ESP	WEIGHT	ELECTRICAL			FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
					MOTOR POWER	VOLT	PH			MANUFACTURER	MODEL NO.	
EF-1	UPBLAST UL762 EXHAUST FAN	3200 CFM	1.20 in-wg	400 lb	3.00 hp	208 V	3	HS	GC	CAPTIVE-AIRE	DU240HFA	DIRECT DRIVE UL762 UPBLAST EXHAUST FAN FURNISHED WITH WEATHERPROOF DISCONNECT AND VENTED ROOF CURB
EF-2	DOWNBLAST RESTROOM EXHAUST FAN	150 CFM	0.60 in-wg	100 lb	0.25 hp	120 V	1	HS	GC	CAPTIVE-AIRE	DR12HFA	DIRECT DRIVE DOWNBLAST RESTROOM EXHAUST FAN FURNISHED WITH INTEGRAL DISCONNECT, SPEED CONTROL, BACKDRAFT DAMPER, AND CURB
EF-3	UPBLAST UL762 EXHAUST FAN	600 CFM	0.25 in-wg	100 lb	0.33 hp	115 V	1	HS	GC	CAPTIVE-AIRE	DU33HFA	DIRECT DRIVE UPBLAST EXHAUST FAN FURNISHED WITH WEATHERPROOF DISCONNECT, SPEED CONTROL, BACKDRAFT DAMPER AND CURB.

### VIROGUARD

TAG	COUNT	DESCRIPTION	DUCT CONNECTION SIZE	FAN	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN
VG-1	1	VIROGUARD HOOD EXHAUST FAN ROOFTOP CONTAINMENT SYSTEM	18" x 18"	CAPTIVE-AIRE DU240HFA	TDC	TDC	ENVIROMATIC

### CONDENSING UNIT SCHEDULE

TAG	DESCRIPTION	NUMBER OF		REFRIGERANT			ELECTRICAL				FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
		COMPRESSORS	CIRCUITS	TYPE	CHARGE	WEIGHT	MOCP	FLA	VOLT	PH			MANUFACTURER	MODEL NO.	
CU-1	CONDENSING UNIT - WALK-IN COOLER	1	1	R-404A	10.40 lb	250 lb	15 A	9 A	208 V	3	WCS	GC	HARFORD	KPCL9M2OP-3E	FURNISHED WITH WALK-IN COOLER
CU-2	REMOTE CONDENSER - LOW CAPACITY ICE MAKER	0	1	R-404A	11.46 lb	100 lb	0 A	0 A	120 V	1	KES	GC	HOSHIZAKI	URC-9F	FURNISHED WITH ICE MAKER
CU-3	REMOTE CONDENSER - SODA MACHINE ICE MAKER	0	1	R-404A	3.86 lb	100 lb	0 A	0 A	120 V	1	KES	GC	HOSHIZAKI	URC-5F	FURNISHED WITH ICE MAKER

### MAKEUP AIR UNIT SCHEDULE

TAG	DESCRIPTION	AIRFLOW	ESP	HEATING			WEIGHT	ELECTRICAL			FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
				INPUT	OUTPUT	EAT(db)		MOTOR POWER	VOLT	PH			MANUFACTURER	MODEL NO.	
MAU-1	DIRECT-FIRED MAKEUP AIR UNIT	1950 CFM	0.50 in-wg	225000 Btu/h	220000 Btu/h	-7.1 °F	650 lb	2.00 hp	208 V	3	HS	GC	CAPTIVE-AIRE	A1-D.250-15D	12.5:1 MAX TURNDOWN. FURNISHED WITH DISCONNECT, ROOF CURB, SCREEN INTAKE, AND WASHABLE ALUMINUM FILTERS.

### KITCHEN HOOD SCHEDULE - TYPE I

TAG	DESCRIPTION	MAX COOKING TEMP	AIRFLOW	ESP	EXHAUST PLENUM DUCT COLLARS				PERFORATED SUPPLY PLENUMS				AC PLENUM DUCT COLLARS		NO. OF LIGHT FIXTURES	WEIGHT	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS		
					NO.	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH	AIRFLOW	DUCT COLLARS					AIRFLOW	DIAMETER		MANUFACTURER	MODEL NO.
HD-1	TYPE I CANOPY HOOD WITH PERFORATED MAU AND AC SUPPLY PLENUMS	600.0 °F	3200 CFM	0.86 in-wg	2	10"	1'-3"	14'-3"	4'-3"	15'-3"	1'-10"	1,950 CFM	3	10"	2'-4"	800 CFM	7	8"	HS	GC	CAPTIVE-AIRE	5424 ND-2-ACSP-F	MATL: 18 GA. TYPE 430 SS. FURNISHED WITH VAPORPROOF INCANDESCENT LIGHT FIXTURES, 16" TALL HE SS FILTERS, INTEGRAL UTILITY CABINET, ANSUL SYSTEM, DUCT COLLAR TEMPERATURE SENSOR, PREWIRE PACKAGE, SPARE FIRE SYSTEM DRY CONTACT, AND 4-POLE 20A CONTACTOR.

### KITCHEN HOOD SCHEDULE - TYPE II

TAG	DESCRIPTION	EXHAUST PLENUM AIRFLOW	ESP	EXHAUST PLENUM DUCT COLLARS				WEIGHT	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
				NO.	WIDTH	LENGTH	WIDTH				MANUFACTURER	MODEL NO.	
HD-2	TYPE II CANOPY HOOD	600 CFM	0.08 in-wg	1	10"	6'-0"	4'-0"	250 lb	HS	GC	CAPTIVE-AIRE	6024 VHB-G-ND	MATL: 18 GA. TYPE 430 SS.

### ROOFTOP UNIT SCHEDULE

TAG	DESCRIPTION	NOMINAL CAPACITY	EER	AIRFLOW			NET COOLING CAPACITY				HEATING CAPACITY			NUMBER OF		REFRIGERANT			ELECTRICAL				FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS	
				TOTAL	OA	ESP	TOTAL	SENSIBLE	EAT(db)	EAT(wb)	COND. EAT	INPUT	CAP	EAT(db)	COMPRESSORS	CIRCUITS	TYPE	CHARGE	WEIGHT	MOCP	FLA	VOLT			PH	MANUFACTURER		MODEL NO.
RTU-1	ROOFTOP UNIT	8.5 ton	12.6	3400 CFM	950 CFM	0.80 in-wg	97460 Btu/h	77760 Btu/h	79.4 °F	66.0 °F	95 °F	200000 Btu/h	160000 Btu/h	48.5 °F	2	2	R-410A	9.5	1350 lb	60 A	48 A	208 V	3	HES	GC	TRANE	YSJ 102	FURNISHED WITH COMP. ENTHALPY ECON., BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, M.O.D., MERV-8 FILTERS, CURB, HAIL GUARD, TOOLLESS HINGED ACCESS PANELS, DISCONNECT, & UNIT-MOUNTED CONVENIENCE RECEPTACLE
RTU-2	KITCHEN ROOFTOP UNIT	10.0 ton	12.2	4000 CFM	1150 CFM	0.80 in-wg	116290 Btu/h	93000 Btu/h	79.5 °F	66.1 °F	95 °F	240000 Btu/h	194400 Btu/h	47.8 °F	2	2	R-410A	10.1	1450 lb	70 A	54 A	208 V	3	HES	GC	TRANE	YSJ 120	FURNISHED WITH COMP. ENTHALPY ECON., BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, M.O.D., MERV-8 FILTERS, CURB, HAIL GUARD, TOOLLESS HINGED ACCESS PANELS, DISCONNECT, & UNIT-MOUNTED CONVENIENCE RECEPTACLE

### CONTROL FUNCTIONS

- THE MAIN COOKING EXHAUST FAN AND MAKE-UP AIR UNIT SHALL BE INTERLOCKED TO OPERATE TOGETHER. THIS CONTROL CIRCUIT IS ACTIVATED BY A SWITCH AND INCLUDES A FIRE PROTECTION OVERRIDE.
- THE TEMPERATURE IN EACH ZONE IS CONTROLLED BY SPACE TEMPERATURE SENSORS CONNECTED TO THE THERMOSTATS LOCATED IN THE OFFICE. ALL ZONES SHALL OPERATE WITH CONTINUOUS FAN OPERATION DURING OCCUPIED TIMES AND INTERMITTENTLY AS NEEDED TO MAINTAIN SET POINTS DURING UNOCCUPIED TIMES. OUTSIDE AIR DAMPERS SHALL BE OPEN CONTINUOUSLY WHEN EITHER IN OCCUPIED MODE OR WHEN THE HOOD SYSTEM IS ON AND SHALL BE CLOSED DURING UNOCCUPIED PERIODS.
- THE THERMOSTATS SHALL DETERMINE OCCUPIED/UNOCCUPIED STATUS BASED ON THE SCHEDULE IN THE ENERGY MANAGEMENT SYSTEM.

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