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Contents
 HVAC SCHEDULES

M200

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Tag	Supply Flow [CFM]	Return Flow [CFM]	Exhaust Flow [CFM]	Subtotal [CFM]
EF-1	0	0	2925	-2925
MAU-1	0	0	150	-150
RTU-1	1775	0	0	1775
RTU-2	2600	2100	0	500
RTU-2	3000	2000	0	1000
Net Pressurization [CFM]				200

CONTROL FUNCTIONS

A. 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.

B. 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.

C. THE THERMOSTATS SHALL DETERMINE OCCUPIED/UNOCCUPIED STATUS USING A BUILT-IN LIGHT SENSOR, SUCH THAT WHEN THE AMBIENT LIGHT IS ABOVE AN ADJUSTABLE SETPOINT THE SYSTEM SHALL BE IN OCCUPIED MODE AND WHEN THE AMBIENT LIGHT IS BELOW AN ADJUSTABLE SETPOINT THE SYSTEM SHALL BE IN UNOCCUPIED MODE.

TAG	DRIVE TYPE	EXHAUST FLOW [CFM]	E.S.P. [in W.C.]	WEIGHT [lbs]	ELECTRICAL		FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
					MOTOR POWER	V/P/H			MANUFACTURER	MODEL	
EF-1	BELT	2925 CFM	1.20 in-wg	300	2 HP	208/3/60	HS	GC	CAPTIVE-AIRE	NCA24HPFA	FURNISHED WITH DISCONNECT AND VENTED ROOF CURB. CURB HEIGHT TO BE 36". FURNISH ONE 24" WINDBAND.
EF-2	DIRECT	150 CFM	0.60 in-wg	100	0.18 HP	120/1/60	HS	GC	CAPTIVE-AIRE	DR12HFA	FURNISHED WITH DISCONNECT, VARIABLE SPEED CONTROLLER, BACKDRAFT DAMPER AND ROOF CURB

TAG	DESCRIPTION	AIRFLOW		HEATING CAPACITY				APPROXIMATE WEIGHT [lbs]	ELECTRICAL		FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
		SUPPLY FLOW [CFM]	E.S.P. [in. W.C.]	INPUT [MBH]	OUTPUT [MBH]	MAXIMUM TURNDOWN	EAT		MOTOR POWER	V/P/H			MANUFACTURER	MODEL	
MAU-1	MAKEUP AIR UNIT	1775	0.80	225	220	12.5:1	9 °F	650	2 HP	208/3/60	HS	GC	CAPTIVE-AIRE	1-D.250	FURNISHED WITH DISCONNECT, ROOF CURB, SCREEN INTAKE, AND WASHABLE ALUMINUM FILTERS. UNIT WILL OPERATE WITH PROPANE GAS, PROVIDE APPROPRIATE EQUIPMENT.

TAG	DESCRIPTION	NOMINAL CAPACITY [TONS]	NUMBER OF COMPRESSORS	NUMBER OF CIRCUITS	REFRIGERANT TYPE	REFRIGERANT CHARGE	WEIGHT	ELECTRICAL			FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS
								MOC	FLA	V/P/H			MANUFACTURER	MODEL	
CU-1	WALK-IN COOLER REMOTE CONDENSING UNIT	--	1	1	R-404A	4.0 lbs	200	15 A	6.5 A	208/3/60	WCS	GC	HARFORD	PCL99MOP-3	FURNISHED WITH WALK-IN COOLER
CU-2	ICE MAKER REMOTE CONDENSING UNIT	--	0	1	R-404A	4.0 lbs	100			120/1/60	KES	GC	HOSHIZAKI	URC-14F	FURNISHED WITH ICE MAKER

TAG	DESCRIPTION	MAX COOKING TEMP.	AIRFLOW [CFM]	SP [in. W.C.]	EXHAUST PLENUM				PERFORATED SUPPLY PLENUMS					NUMBER OF LIGHT FIXTURES	APPROXIMATE WEIGHT [lbs]	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS				
					NO.	WIDTH	LENGTH	LENGTH	WIDTH	SP [in. W.C.]	SUPPLY PLENUM LENGTH	SUPPLY PLENUM WIDTH	MAU PLENUM					AC PLENUM			MANUFACTURER	MODEL		
													NO.					WIDTH	LENGTH				AIRFLOW [CFM]	NO.
HD-1	Type I Canopy Hood with Perforated MAU and AC Supply Plenums	450°F	2925	0.77	NO.	WIDTH	LENGTH	LENGTH	WIDTH	SP [in. W.C.]	SUPPLY PLENUM LENGTH	SUPPLY PLENUM WIDTH	AIRFLOW [CFM]	NO.	DIAMETER	9	950	THS	GC	Captive-Aire	5424 ND-2-ACPS-P	MAT'L: 18 GA. TYPE 430 SS. PROVIDE WITH 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		

TAG	DESCRIPTION	NOMINAL CAPACITY [TONS]	EER/SEER	AIRFLOW		COOLING CAPACITY				HEATING CAPACITY				NUMBER OF COMPRESSORS	NUMBER OF CIRCUITS	REFRIGERANT TYPE	REFRIGERANT CHARGE	APPROXIMATE WEIGHT [lbs]	ELECTRICAL			FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN		REMARKS	
				TOTAL [CFM]	OA [CFM]	NET TOTAL [MBH]	NET SENSIBLE [MBH]	EAT [DEG. F]	COND. EAT [DEG. F]	INPUT [MBH]	OUTPUT [MBH]	EAT [DEG. F]	MOC						FLA	V/P/H	MANUFACTURER			MODEL			
RTU-1	KITCHEN ROOFTOP UNIT	6 1/2	12.0	2600	500	1.0	78	43	79	70	100	120	96	60	2	2	R-410A	11.4 LBS	1400	35 A	29.9 A	208/3/60	HES	GC	York	Z1078	FURNISHED WITH LIGHTSTAT TME-CC THERMOSTAT W/ REMOTE TEMPERATURE SENSOR, COMP. ENTHALPY ECON., BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, M.O.D., MERV-7 FILTERS, CURB, HAIL GUARD, TOOLLESS HINGED ACCESS PANELS, DISCONNECT, & UNIT-MOUNTED CONVENIENCE RECEPTACLE. UNIT WILL OPERATE WITH PROPANE GAS, PROVIDE APPROPRIATE EQUIPMENT.
RTU-2	DINING ROOFTOP UNIT	7 1/2	12.0	3000	1000	1.0	96	53	82	71	100	180	144	51	2	2	R-410A	15.4 LBS	1300	45 A	39.8 A	208/3/60	HES	GC	York	Z1090	FURNISHED WITH LIGHTSTAT TME-CC THERMOSTAT W/ REMOTE TEMPERATURE SENSOR, COMP. ENTHALPY ECON., BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, M.O.D., MERV-7 FILTERS, CURB, HAIL GUARD, TOOLLESS HINGED ACCESS PANELS, DISCONNECT, & UNIT-MOUNTED CONVENIENCE RECEPTACLE. UNIT WILL OPERATE WITH PROPANE GAS, PROVIDE APPROPRIATE EQUIPMENT.

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