		'			<u>'</u>			·	<u>H</u>	VAC RO	OFTOP	UNIT SO	CHEDULE	<b>=</b>	<u> </u>	,	1/4	'	·		,	,	,					'
					<u>FA</u>	AN SECTION				HEATING SECT	<u>ION</u>				COOLING DAT	<u> </u>				ELECTRICAL SEC	TION		MISCELLA	NEOUS SECTION		MISCELLANEOUS SECTION	1	
TAG	<u>SERVICE</u>	MANUFACTURE	R MODEL	SUPPLY CFM	E.S.P (W.C)	OUTDOOR AIR CF	SUPPLY F	AN FUEL	STAGES	INPUT MBH	OUTPUT MBH	REQUIRED GA	AS TOTAL COOLING VC) CAPACITY MBH	SENSIBLE COOLING CAPACITY ME	ENTERING A  TEMPERATURE	IR LEAVING AIR E DB TEMPERATURE	COMPRESSOR DB QTY	R VOLTAGE	PHASE	MINIMUM CIRCUIT	MAXIMUM OVERCURRENT PROTECTION	MAX FUSE	WEIGHT	REFRIGERANT USED	EFFICIENCY SEER/EER/HSF OP/AFUE%	• . l		
DEII 0					4		0.754			450.0	400.0			04.0				2000		40.0	000				44.7/40.4		1	
RTU-3	HOT KITCHEN 101,103,104,105,110,125	TRANE TRANE	YHC120F4RLA**H000C1A000A00 4YCC4024A1060A	4000 CFM 800 CFM	.4	499 CFM 70 CFM	2.75/1 3/1	NAT GAS NAT GAS	1	60.0	48.6	4.5"-14" 4.5"-14"	23.0	94.0	80.00 °F	58.00 °F	1	208	1	19.1	60.0	30.0	1608.0 lb 432.0 lb	R410A R410A	14.7/12.4	1-10,12-21 1-10,12-21	1	
RTU-4	166,190,191,192,193,194,195	TRANE	4YCC4024A1060A	800 CFM	.4	98 CFM	3/1	NAT GAS	1	60.0	48.6	4.5"-14"	23.0				1	208	1	19.1		30.0	432.0 lb	R410A	14/11.3	1-6,8-21	1	
R/TU-5	126,128,129, 131,137,138,161,162,164, 170,	TRANE	YHC092F4RHA**H0D0C1B0000000000000000000000000000000000	3000 CFM	1	750 CFM	2.75/1	NAT GAS	2	200.0	160.0	4.5"-14"	92.0	69.0	80.00 °F	67.00 °F	1	0	1	0.0	0.0		0.0 lb					
1. SELECT	ION IS BASED ON PACKAGED ROOFTOP UNIT W	ITH DX COOLING					12. MOTOR	/BLOWER VIBRATIO	ON ISOLATION																			

2. 30% FILTERS . WEATHERPROOF DISCONNECT SWITCH 4. ULTRA HIGH EFFICIENCY BLOWER MOTOR . HIGH CAPACITY DX COIL

6. 1" DEFLECTION SPRINGS FOR SUPPLY AIR BLOWER ASSEMBLY . MOUNT ON DUNNAGE 8. ALUMINIZED STEEL GAS HEAT EXCHANGER . PROVIDE A SMOKE DUCT DETECTOR FAN FOR SHUTDOWN. COORDINATE WITH THE FIRE ALARM CONTRACTOR. 10. COLD START UP KIT 1. PROVIDE A CURB AND POSITIVELY ATTACH THE UNIT TO THE STRUCTURE BELOW. COORDINATE WITH THE ARCHITECT AND/OR STRUCTURAL

ENGINEER. THE CURB AND UNIT SHALL WITHSTAND THE WIND LOAD AS SHOWN IN THE CODE REVIEW SECTION ON THE HVAC COVERSHEET

13. AIR FLOW PROVING SWITCH 14. TIMED-FREEZE PROTECTION 15. STEP-DOWN TRANSFORMER 16. RAINHOOD W/ INSECT SCREEN

17. DOWNWARD DISCHARGE 18. UV LIGHTS IN SUPPLY DUCT 19. DISCHARGE SENSOR TIED TO DDC SYSTEM 20. DUAL ENTHALPY ECONOMIZER 21. PROVIDE CONDENSATE PIPING WITH TRAP TO DISCHARGE ONTO SPLASH BACK

LIVAC INDOOD AID HANDI ED HAIT COUEDHI E

								<u>H</u>	<u>vac ine</u>	<u> </u>	<u> AIR HAND</u>	<u>DLER UI</u>	<u>vit schi</u>	<u>EDULE</u>								
							FAN S	ECTION			HEATING SECTION	<u>[</u>			ELECTRIC	CAL SECTION			MISCELLANE	EOUS SECTION		MISCELLANEOUS SECTION
						OUTDOOR AIR		SUPPLY FAN	TOTAL COOLING							MAXIMUM OVERCURRENT	MINIMUM CIRCUIT			REFRIGERANT	EFFICIENCY SEER/EER/HSPF/C	
>	TAG	SERVICE	MANUFACTURER	MODEL	SUPPLY CFM'S	<u>CFM</u>	E.S.P (W.C)	HP/QTY	CAPACITY(MBH)	<u>FUEL</u>	STAGES	OUTPUT MBH	VOLTAGE	PHASE	<u>FLA</u>	PROTECTION	<u>AMP</u>	MAX FUSE	WEIGHT	USED	OP/AFUE%	<u>NOTES</u>
$\rightarrow$	AHU-4	IT ROOM	TRANE	TPKA0A0241KA70A	775	0 CFM			24.0	ELEC	N/A	0.0	208	1					46.0 lb	R410A	21.4/12.2	1-5

1. TO BE SUPPLIED WITH STANDARD 2" THROWAWAY FILTERS 2 SUPPLY WITH CONDENSATE PUMP, LITTLE GIANT VCMA-15 OR FOLIAL PIPED TO NEAREST AVAILABLE DRAIN

_	2. SUFFET WITH CONDENSATE FUNIF, EITTLE GIANT VOMA-13 ON EQUAL FIFED TO NEARLEST AVAILABLE DIVAIL
	3. SUPPLY WITH 7-DAY PROGRAMMABLE THERMOSTAT
	4. POWERED BY CONDENSING UNIT
	5. PROVIDE LOW AMBIENT WIND BAFFLE WB-PA5

							<b>HVAC</b>	<u>MAKE-U</u>	P AIR UNIT SCI	<u>HEDULE</u>									
				FA	N SECTION			HEATING SECTION						ELECTRIC	CAL SECTION			MISC. S	SECTION
<u>TAG</u>	<u>SERVICE</u>	MANUFACTURER	MODEL	SUPPLY CFM	SUPPLY FAN BHP/QTY	<u>FUEL</u>	INPUT MBH	OUTPUT MBH	REQUIRED GAS PRESSURE ("WC)	TOTAL COOLING CAPACITY MBH	LEAVING AIR TEMPERATURE	VOLTAGE	PHASE	<u>FLA</u>	MINIMUM CIRCUIT  AMP	MAXIMUM OVERCURRENT PROTECTION	AFC RATING	<u>WEIGHT</u>	NOTES
KMUA-1	HOODS	CAPTIVE AIRE	SEE CAPTIVE AIRE DETAILS																
KMUA-2	HOODS	CAPTIVE AIRE	SEE CAPTIVE AIRE DETAILS																
KMUA-3	HOODS	CAPTIVE AIRE	SEE CAPTIVE AIRE DETAILS																
KMUA-4	SPACE BALANCE	CAPTIVE AIRE	SEE CAPTIVE AIRE DETAILS																
KMUA-5	MARLEN OVEN	CAPTIVE AIRE	SEE CAPTIVE AIRE DETAILS																
KMUA-6	MARLEN OVEN	CAPTIVE AIRE	SEE CAPTIVE AIRE DETAILS																
MUA-1	WASHROOM #1, RAW WASHROOM	TRANE	GRCA15PFGF0	1360 CFM	.63/1	NAT GAS	150.0	120.0	7"-14"		2	208	3		6.5	15.0	6	679.0 lb	1-2,7-13

1. WEATHERPROOF DISCONNECT SWITCH 2. ULTRA HIGH EFFICIENCY INVERTER DUTY RATED BLOWER MOTOR

3. 1" DEFLECTION SPRINGS FOR SUPPLY AIR BLOWER ASSEMBLY 4. 14" FULL PERIMETER CURB

5. PROVIDE A CURB AND POSITIVELY ATTACH THE UNIT TO THE STRUCTURE BELOW. THE CURB AND UNIT SHALL WITHSTAND THE WIND LOAD AS SHOWN IN THE CODE REVIEW SECTION ON THE HVAC COVERSHEET. 6. PROVIDE A SMOKE DUCT DETECTOR FOR FAN SHUTDOWN. COORDINATE WITH THE FIRE ALARM CONTRACTOR.

10. STEP-DOWN TRANSFORMER 11. RAIN HOOD W/ INSECT SCREEN 12. DOWNWARD DISCHARGE 13. ALUMINIZED STEEL GAS HEAT EXCHANGER

8. UV LIGHTS IN SUPPLY DUCT

9. AIR FLOW PROVING SWITCH

					<u> </u>	<u>IVAC GA</u>	<u>AS FIREI</u>	<u>1 TINU C</u>	<u>IEATER</u>	SCHED	<u>ULE</u>						
											ELECTRICAL SECT	<u>TON</u>			MISC. SECTION		MISC. SECTION
<u>TAG</u>	<u>SERVICE</u>	MANUFACTURER	MODEL	AIR FLOW	INPUT MBH	OUTPUT MBH	REQUIRED GAS PRESSURE ("WC)	HP_	VOLTAGE	PHASE	FLA	MAXIMUM OVERCURRENT PROTECTION	CONTROL	EFFICIENCY	WEIGHT	VENT TYPE	NOTES
<del></del>								_									
GUH-1	KITCHEN DRY STORAGE	REZNOR	<u>UDZ-30</u>	456 CFM	30.0	24.6	7-11" WC	0.06	<u>115</u>	1	1.9	<u>15.0</u>	THERMOSTAT	82	58.0 lb	CONCENTRIC	<u>1-6</u>
GUH-2	MECHANICAL ROOM	REZNOR	<u>UDZ-30</u>	456 CFM	30.0	24.6	7-11" WC	0.06	<u>115</u>	1	1.9	<u>15.0</u>	THERMOSTAT	82	58.0 lb	CONCENTRIC	<u>1-6</u>
GUH-3	DRY STORAGE	REZNOR	UDZ-30	456 CFM	30.0	24.6	7-11" WC	0.06	115	1	1.9	15.0	THERMOSTAT	82	58.0 lb	CONCENTRIC	1-6

1. ELECTRONIC IGNITION AND ENCLOSED MOTOR

7. MOTOR/BLOWER VIBRATION ISOLATION

2. 4-POINT SUSPENSION KIT 3. SINGLE STAGE COMBINATION GAS VALVE AND SEPARATED COMBUSTION

4. PROVIDE WITH CC-2 VERTICAL -OR- CC6 HORIZONTAL CONCENTRIC COMBUSTION AIR INTAKE FLUE VENT KIT 5. PROVIDE WITH DIFFERENTIAL AIR PRESSURE SWITCH TO VERIFY COMBUSTION AIR FLOW, POLISHED ALUMINUM REFLECTORS 6. PROVIDE WITH STEP-DOWN TRANSFORMER FOR 24V CONTROLS

7. FURNISH AND INSTALL CONDENSATE PIPING AND ACID NEUTRALIZER TO NEAREST AVAILABLE DRAIN OR STANDPIPE 8. ATTACH AXIOM NEUTRALIZATION CAPSULE NC-1 9. SUPPLY WITH CONDENSATE PUMP, LITTLE GIANT VCMA-15 OR EQUAL PIPED TO NEAREST DRAIN OR STANDPIPE

>						HVAC	<u>EXHAU</u>	ST FAN	<b>SCHED</b>	<u>ULE</u>					
$\rightarrow$	-											<b>ELECTRICAL SE</b>	CTION	MISCELLAN	EOUS SECTION
	<u>TAG</u>	<u>SERVICE</u>	MANUFACTURER	MODEL	AIR FLOW	E.S.P (W.C)	<u>RPM</u>	DRIVE	<u>HP</u>	VOLTAGE	PHASE	AMPS	CONTROL	WEIGHT	NOTES
							•	•		•					
(	EF-2	WASHDOWN ASSEMBLY SCALING	GREENHECK	CUE-200-B	6159 CFM	.1	707	DIRECT	2.00	208	3		WASHDOWN SWITCH, INTERLOCK W/ SF-2	236.0 lb	1-6
$\rightarrow$	EF-6	WASHROOM #1 EXHAUST	GREENHECK	CUE-120-A	975 CFM	.1	301	DIRECT	1.00	208	3	1.1	PRESSURE SENSOR, INTERLOCK W/MUA-1	100.0 lb	1-6
/	EF-7	RAW WASHROOM EXHAUST	GREENHECK	CUE-090-G	385 CFM	.2	1300	DIRECT	0.04	115	1		PRESSURE SENSOR, INTERLOCK W/MUA-1	66.0 lb	1-6
	EF-10	CHEMICAL STORAGE 1 EXHAUST	GREENHECK	CUE-060-G	104 CFM	.1	1300	DIRECT	0.01	115	1		TIMECLOCK	55.0 lb	1-6
7	EF-11	CHEMICAL STORAGE 2 EXHAUST	GREENHECK	CUE-060-VG	185 CFM	.1	1725	DIRECT	0.07	115	1	1.3	TIMECLOCK	56.0 lb	1-6
$\rightarrow$	- EF-12	VENTILATION CLEAN STORAGE	GREENHECK	CUE-080-VG	500 CFM	.1	1725	DIRECT	0.10	115	1	1.4	TSTAT, INTERLOCK W/ FAI-5	70.0 lb	1-6
	EF-14	VENTILATION KITCHEN DRY STORAGE	GREENHECK	CUE-090-D	770 CFM	.1	1550	DIRECT	0.07	115	1		TSTAT, INTERLOCK W/ FAI-7	66.0 lb	1-6
	EF-17	WASHDOWN CHICKEN PREP	GREENHECK	CUE-200-VG	2304 CFM	.1	432	DIRECT	1.00	208	3	3.6	WASHDOWN SWITCH, INTERLOCK W/ SF-5	112.0 lb	1-6
7	EF-18	WASHDOWN HOT KITCHEN	GREENHECK	CUE-240-VG	7377 CFM	.1	837	DIRECT	2.00	208	3		WASHDOWN SWITCH, INTERLOCK W/ SF-10	252.0 lb	1-6
	EF-19	WASHDOWN KITCHEN PREP	GREENHECK	CUE-200-VG	1586 CFM	.1	368	DIRECT	1.00	208	3	3.6	WASHDOWN SWITCH, INTERLOCK W/ SF-6	100.0 lb	1-6
	EF-22	BATHROOMS 103,104,105	GREENHECK	CUE-060-VG	200 CFM	.1	1725	DIRECT	0.07	115	1	1.3	TIMECLOCK	56.0 lb	1-5
\	EF-27	INTERSTITIAL BOTTOM ZONE	GREENHECK	CUE-095-VG	1054 CFM	.1	1725	DIRECT	0.17	115	1	2.2	TSTAT, INTERLOCK W/ FAI-10	72.0 lb	1-6
7	EF-28	DOUBLE RACK OVEN	GREENHECK	CUE-100-A	1000 CFM	.1	1725	DIRECT	0.25	115	1	5.8	INTERLOCK W/ OVEN	89.0 lb	1-6
	EF-29	DOUBLE RACK OVEN	GREENHECK	CUE-100-A	1000 CFM	.1	1725	DIRECT	0.25	115	1	5.8	INTERLOCK W/ OVEN	89.0 lb	1-6
	EF-31	BATHROOMS 185,184,183	GREENHECK	CUE-070-G	225 CFM	.1	1300	DIRECT	0.02	115	1		TIMECLOCK	56.0 lb	1-5
(	EF-32	GARBAGE EXHAUST	GREENHECK	CUE-070-D	300 CFM	.1	1550	DIRECT	0.03	115	1	0.0	TIMECLOCK	56.0 lb	1-5
7	EF-34	ELEC ROOM A	GREENHECK	CUE-070-VG	400 CFM	.1	1725	DIRECT	0.06	115	1		TIMECLOCK	33.0 lb	1-5
	EF-37	AIR COMPRESSOR	GREENHECK	CUE-200-VG	4800 CFM	.1	888	DIRECT	1.00	208	3	3.6	INTERLOCK W/ AC AND TSTAT	145.0 lb	1-5
	EF-40	SPRINKLER ROOM	GREENHECK	CUE-070-G	250 CFM	.1	1300	DIRECT	0.03	115	1		TSTAT, INTERLOCK W/ FAI-14	33.0 lb	1-5
(	EF-41	HOT KITCHEN	MARLEN	MARLEN PART# 402153800-SS	3800 CFM	1.5	2428	DIRECT	2.15	460	3	0.0	INTERLOCK WITH MARLEN OVEN	322.0 lb	1-4
>	EF-42	HOT KITCHEN	MARLEN	MARLEN PART# 402153800-SS	6700 CFM	1	1965	DIRECT	3.59	460	3	0.0	INTERLOCK WITH MARLEN OVEN	464.0 lb	1-4
	EF-43	BATTERY CHARGER 2	GREENHECK	CUE-060-D	150 CFM	.1	1550	DIRECT	0.03	115	1	1.3	TIMECLOCK	33.0 lb	1-5
	KEF-1	HOODS	CAPTIVE AIRE	SEE CAPTIVE AIRE DETAILS									INTERLOCK WITH GRILL		
(	KEF-2	HOODS	CAPTIVE AIRE	SEE CAPTIVE AIRE DETAILS									INTERLOCK WITH GRILL		
>	KEF-3	HOODS	CAPTIVE AIRE	SEE CAPTIVE AIRE DETAILS									INTERLOCK WITH GRILL		
- 1															

 WEATHERPROOF DISCONNECT SWITCH ROOF CURB

7. EF-41 AND 42 TO BE CONVERTED TO 208V

BACKDRAFT DAMPER 4. PROVIDE VFD FOR CONTROL

HOODS

5. PROVIDE A CURB AND POSITIVELY ATTACH THE UNIT TO THE STRUCTURE BELOW. COORDINATE WITH THE ARCHITECT AND/OR STRUCTURAL ENGINEER. THE CURB AND UNIT SHALL WITHSTAND THE WIND LOAD AS SHOWN IN THE CODE REVIEW SECTION ON THE HVAC COVERSHEET.

CAPTIVE AIRE SEE CAPTIVE AIRE DETAILS

CAPTIVE AIRE SEE CAPTIVE AIRE DETAILS

6. PROVIDE WITH MOTORIZED DAMPER WITH ACTUATOR AND END SWITCH. INTERLOCK ASSOCIATED EXHAUST FAN WITH END SWITCH TO START FAN ONCE DAMPER IS PROVED TO BE FULLY OPEN VIA ENDSWITCH, HVAC TO PROVIDE FUSED CONTROL XFMR IN HOFFMAN BOX FOR MOTORIZED DAMPER TO BE INSTALLED BY EC.

2. REMOTE WALL TSTAT

1. INTEGRAL TSTAT

riable Air Vo	olume Single	Duct Terminal Un	<u>iits</u>									UNIT SIZE TOTAL CFM ESP TSP MOTOR 460/3/60
Unit Tags	Quantity			Airflow			Electric Heating				Notes	FLA/MCA/MOPD DRIVE
		Unit model	Primary inlet	Design cooling airflow	Min cooling airflow cfm	Valve heating airflow cfm	Coil heating capacity  MBh	Electric heater kilowatt	Electric heater voltage	Electric heater stage		ISOLATION  COOLING COIL  CIRCUITS
VAV-1	1	VCEF (Electric Heating)	5" (127mm)	253	105	105	3.41	1	120/1	1	1, 2, 3, 4, 5	CAPACITY ENTERING AIR TEM SST / REF REF. PESSURE DRI LEAVING AIR TEMP VALVE
VAV-2	1	VCEF (Electric Heating)	5" (127mm)	235	105	105	3.41	1	120/1	1	1, 2, 3, 4, 5	CONSTRUCTION  ELECTRIC HEATER
VAV-3	1	VCEF (Electric Heating)	8" (203mm)	693	208	208	8.54	2.5	120/1	1	1, 2, 3, 4, 5	CAPACITY / CFM VOLTAGE FLA ENTERING AIR LEAVING AIR
VAV-4	1	VCEF (Electric Heating)	16" (406mm)	3062	951	951	44.4	13	480/3	1	1, 2, 3, 4, 5	FILTER SECTION PRE-FILTERS
VAV-5	1	VCEF (Electric Heating)	10" (254mm)	1223	367	367	15.37	4.5	480/3	1	1, 2, 3, 4, 5	ECONOMIZER
VAV-6	1	VCEF (Electric Heating)	10" (254mm)	1313	394	394	15.37	4.5	480/3	1	1, 2, 3, 4, 5	UNIT SPLIT SHIP
VAV-7	1	VCEF (Electric Heating)	10" (254mm)	1270	381	381	15.37	4.5	480/3	1	1, 2, 3, 4, 5	

Units to be Trane model, size, and configuration as indicated in schedule and on drawings

Provide factory-mounted and pre-programmed, pressure-independent, BACnet DDC controller with airflow measurement and wireless communication receiver Provide with wireless zone temperature sensor

Provide with factory-wired discharge air temperature sensor Provide unit-mounted control power transformer, disconnect, and power fuse

CONTRACTOR TO PROVIDE CAU-1,2 VFD AND INDICATED MOTORIZED DAMPERS. INTERGRATE INTO BMS SYSTEM.

	HVAC SUPPLY FAN SCHEDULE														
										ELECTRICAL SEC	TION		MISCELLAN	EOUS SECTION	
<u>AG</u>	SERVICE	MANUFACTURER	MODEL	<b>AIR FLOW</b>	E.S.P (W.C)	<u>RPM</u>	DRIVE	<u>HP</u>	VOLTAGE	PHASE	AMPS	CONTROL	WEIGHT	NOTES	
	WASHDOWN ASSEMBLY SCALING	GREENHECK	RS2-36-621-VG	6159 CFM	.1	576	DIRECT	0.75	208	3		WASHDOWN SWITCH	382.0 lb	1-3	
	WASHDOWN CHICKEN PREP	GREENHECK	AS-14-440-A5	2304 CFM	.1	1750	DIRECT	0.5	<u>115</u>	1		WASHDOWN SWITCH	97.0 lb	1-3	
	WASHDOWN KITCHEN PREP	GREENHECK	AS-14-428-A4	1586 CFM	.1	1750	DIRECT	0.25	<u>115</u>	1		WASHDOWN SWITCH	91.0 lb	1-3	
	WASHDOWN HOT KITCHEN	GREENHECK	RS2-30-619-VG	7377 CFM	.1	479	DIRECT	1	208	3		WASHDOWN SWITCH	360.0 lb	1-3	

1. WEATHER PROOF DISCONNECT AND ROOF CURB

CONCENTRIC

2. PROVIDE VFD FOR CONTROL 3. PROVIDE WITH MOTORIZED DAMPER WITH ACTUATOR AND ENDSWITCH. INTERLOCK WITH ASSOCIATED SUPPLY FAN WITH END SWITCH TO START ONCEDAMPER IS PROVEN TO BE FULLY OPEN.

		HVAC DIFFUSER SCHEDULE	<u> </u>		
<u>TAG</u>	SERVICE	DESCRIPTION	DIFFUSER SIZE	MANUFACTURER	<u>NOTES</u>
CD-A	SUPPLY	ALUMINUM SQUARE PLAQUE DIFFUSER, FIXED DISCHARGE, OPPOSED BLADE DAMPER	24" X 24"	TITUS OMNI-AA	1-6
CD-C	SUPPLY	ALUMINUM SQUARE PLAQUE DIFFUSER, FIXED DISCHARGE, OPPOSED BLADE DAMPER	12"X12"	TITUS OMNI-AA	1-6
EG-A	EXHAUST	PERFORATED FACE DIFFUSER, 3/16" HOLES, OPPOSED BLADE DAMPER	SEE DWG	TITUS PAR-AA	1-6
LO-1	BOILER ROOM			RUSKIN	1-2
LO-2	BOILER ROOM			RUSKIN	1-2
LO-3	AIR COMPRESSOR ROOM			RUSKIN	1-2
LO-4	AIR COMPRESSOR ROOM			RUSKIN	1-2
RG-A	RETURN	ALUMINUM SQUARE PLAQUE DIFFUSER, FIXED DISCHARGE, OPPOSED BLADE DAMPER	24" X 24"	TITUS PAR-AA	1-6
RG-C	RETURN	ALUMINUM SQUARE PLAQUE DIFFUSER, FIXED DISCHARGE, OPPOSED BLADE DAMPER	12"X12"	TITUS PAR-AA	1-6

1. COORDINATE DIFFUSER MOUNTING TYPE WITH CEILING, DUCT OR WALL TYPE 2. COORDINATE DIFFUSER FINISH WITH OWNER OR OWNER'S REPRESENTATIVE 3. ORIENT DIFFUSER TO DIRECT AIRFLOW AT WINDOW OR WALL AND AVOID DISCHARGING

151 TO 275 CFM - 8" DIAMETER 276 TO 380 CFM - 10" DIAMETER DIRECTLY ON OCCUPANTS. 4. MAXIMUM NOISE CRITERION RATING <20

381 TO 500 CFM - 12" DIAMETER 501 TO 700 CFM - 14" DIAMETER 5. MOUNTING FRAME TYPE SHALL BE COORDINATED WITH CEILING CONSTRUCTION TYPE 701 TO 900 CFM - 16" DIAMETER 6. NECK DIAMETER SHALL BE AS SCHEDULED IN TABLE 1

CD-B AND RG-B ARE

TABLE 1 -ROUND NECK SIZE SCHEDULE

1 TO 150 CFM - 6" DIAMETER

SHOWN ON M-301 DETAIL SHEET.

**HVAC ELECTRIC HEATER SCHEDULE ELECTRICAL SECTION** <u>AMPS</u> BATHROOM 2512W BATHROOM 2512W TSTAT TSTAT OFFICE ENTRANCE BATHROOM BATHROOM 2512W BATHROOM 2512W ELECTRICAL ROOM MUH05-81 SPRINKLER ROOM MUH03-81 UTILITY ROOM TSTAT MUH03-81 TSTAT CHEMICAL STORAGE MUH03-81 CHEMICAL STORAGE MUH03-81 TSTAT TSTAT INTERSTITIAL SPACE MUH07-8 INTERSTITIAL SPACE INTERSTITIAL SPACE MUH07-8 INTERSTITIAL SPACE MUH07-8 Q-MARK INTERSTITIAL SPACE MUH07-8 CLEAN STORAGE MUH05-81

**HVAC CAU SCHEDULE** 

HEATCRAFT WORLDWIDE REFRIGERATION QUOTE # Stone Mountain Operations BB071421MDA Phone: 800-537-7775 **GARY LA FATA** DANIEL ALMEIDA

E Mail: HRPAHAE@heatcraftrpd.com DATE: 7/14/2021 Air Handler Quote ABCO - Lorenzo Foods Teterboro NJ

We are pleased to quote you on the items described below. HCL03FC HCS14FC 0.75 1 HP ODP 5 HP ODP 1.6 / 2.0 / 15 6.2 / 7.8 / 15 120% ADJUSTABLE 120% ADJUSTABLE INTERNAL SPRING INTERNAL SPRING 6 ROW / 10 FPI 6 ROW / 10 FPI ONE CIRCUIT WITH ASC ONE CIRCUIT WITH ASC (HOT GAS TEE) (HOT GAS TEE) 55.67° / 59.8% RH 55.67° / 59.8% RH 30° / 448A 30° / 448A 1.63 PSI 1.81 PSI 32.27° / 96.88% RH 31.57° /96.88% RH FACTORY MOUNTED TXV FACTORY MOUNTED TXV DOUBLE WALL / INSULATED DOUBLE WALL / INSULATED SCR ELECTRIC SCR ELECTRIC 3.5 KW - 480CFM 15 KW - 2220CFM

460V - 3Φ - 60 Hz 460V - 3Φ - 60 Hz 4.39 35.2° 36.9° 2" - 35% EFFICIENT 2" - 35% EFFICIENT WITH DAMPERS WITH DAMPERS (ALL CONTROLS & (ALL CONTROLS & ACTUATORS BY OTHERS) ACTUATORS BY OTHERS) COIL AND BLOWER COIL AND BLOWER SECTION SHIPPED

SEPARATE

ALL CONTROLS BY OTHERS; Motor VFD Compatible - VFD & CONTROLLER BY OTHERS

DOUBLE WALL CONSTRUCTION - Insulation is 2" - 1-1/2 lb. Density and is sandwiched between the unit and

All units size 20 and greater, VCS18FC, and any size unit with an accessory section other than a flat filter section.

the outer skin for the blower, coil sections. Filter section and economizer are single wall and not insulated.

Standard drain pan is double wall construction wih insulation sandwiched between pan and bottom panel.

will ship in multiple sections, due to shipping restrictions and best practices to ensure unit quality.

Above units are for indoor application. When applying units in outdoor applications, gasketed & silicone sealed panels should be use. This design is not meant to guarantee that the unit will be completely weather tight. Heatcraft assumes no responsibility for unit modified for outdoor

/ No valves are included; unless called out in unit description or added as an option.

ESTIMATED UNIT WEIGHT LBS 702

All panels and drain pan are 16 gauge galvanized steel.

Sections are shipped with required gasketing and hardware.

Published Lead time\*, subject to change upon receipt of an order. All orders must have unit details and specifications complete at the time of purchase order.

use. Leakage associated problems are the contractors responsibility.

SECTION SHIPPED NJ PROFESSIONAL ENGINEER SEPARATE NO. GE 45801 DATE: 02/24/2022

**HVAC SCHEDULES** 

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ISSUED FOR 4

Description | # |

CLIENT REVIEW |

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ISSUED FOR

PLANNING BOARD

BUILDING DEPT

REVIEW \_\_\_

BID \_\_\_\_\_

DOB STAMP:

P.O.BOX 514

CONFLICT AT HIS OWN EXPENSE. NO EXCEPTIONS!!

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Revisions

12" = 1'-0" 05/06/22 09/24/2021

1. AHU SECTION REQUIRES SEPARATE FEEDERS TO MOTOR AND ELECTRIC HEAT COMPONENTS 2. RESPECTIVE CU- AND CAU- 1 AND REQUIRE SEPARATE FEEDERS 3. CONTROL WIRING BETWEEN RESPECTIVE CAU AND CU-CAU COMPONENTS IS REQUIRED

CONSTRUCTION **BRIAN D. TANNENHAUS** 

M-300.00

Total

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