A1-M301

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INTECRAL CRILLE	EXISTING GRILLE	TITUS T-700	TITUS 272RS	TMS	TMR	TITUS	TITUS 272RS	TITUS 355RL	TITUS 355RL	TITUS 355RL	TITUS 355RL	TITUS 355RL	TITUS 272RS	TITUS 355RL	TITUS 355RL	TITUS 355RL	TITUS 355RL	TITUS TMS	TITUS	TITUS TMS	TITUS TMS	AND MODEL NO.
	EXISTING	14x18	18x8	14"	14"	12"	14×6	SEE PLAN	SEE PLAN	18x12	46×22	20×6	12x8	22×22	SEE PLAN	SEE PLAN	SEE PLAN	SEE PLAN	α,	10"	12"	SIZE
	GRILLE T	16x20	18x8	24×24	26"	22"	16x8	30X30	24×24	20x14	48x24	22x8	14x10	24×24	12x12	24×24	12x24	12x12	24×24	24×24	24×24	GRILLE SIZE
	TO REMAIN IN	50-400	250-530	600-900	600-850	300-600	195-400	1500-2700	300-1256	130-595	2700-4000	50-360	228-560	1200-1880	50-440	225-1256	110-548	30-118	105-209	210-382	314-628	RANGE
	N SERVICE.	29	17	26	26	24	25	25	10	15	29	15	28	26	15	27	23	13	=======================================	18	24	MAX.
	E. BALANCE TO	NO	YES W/ OBD	NO	NO	NO	N O	NO	NO	YES W/ OBD	NO	NO	NO	YES W/ OBD	YES W/ OBD	NO	NO	NO	NO	NO	NO	IN GRILLE
	NEW AIR-FLOW SPECIFIED.	DOOR GRILLE	SUPPLY-DUCT MTD	SUPPLY - LAY-IN	SUPPLY - DUCT MTD	SUPPLY - DUCT MTD	SUPPLY - DUCT MTD	RETURN — SIDEWALL	R/A,E/A - DUCT MTD	RETURN — SIDEWALL	RETURN - SIDEWALL	T/A,R/A - SIDEWALL	SUPPLY-DUCT MTD	T/A,R/A,E/A-SURFACE	T/A,R/A,E/A-SURFACE	T/A,R/A,E/A-LAY-IN	T/A,R/A,E/A-LAY-IN	SUPPLY-SURFACE	SUPPLY-LAY-IN	SUPPLY-LAY-IN	SUPPLY-LAY-IN	TYPE-MOUNTING
	D.	工	A,B,D,J	A,B,C,D	A,B,D,L	A,B,D,L	A,B,D,J	A,B,D,G	A,B,D,G	A,B,D,G	A,B,D,G	A,G	A,B,D,J	A,B,D,G	A,B,D,G	A,F,G	A,B,D,G	A,B,C,D	A,B,C,D	A,B,C,D	A,B,C,D	REMARKS
																						T
≤ 7	SS -	S R S C	E DS -	BB -	ACCESSO	< m	3. 2. ≥ ≅	NOTES:			EF5		EF4			EF3			EF2		-	FF1

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GRILLE AND DIFFUSER SCHEDULE

||NTEGRAL GRILLE | REFER ||W/EXH FAN AL NOTES:
COORDINATE FRAME TYPE WITH CEILING MATERIALS.
. NOT ALL GRILLE AND DIFFUSERS SHOWN ARE NECESSARILY USED, REFER TO HVAC PLAN FOR LIAND QUANTITY.
AND QUANTITY.
. FOR SURFACE MOUNTED LAY—IN TYPE DIFFUSERS OR GRILLES PROVIDE TRIM RINGS. REFER TO ARCHITECTURAL DRAWINGS AND COORDINATE CEILING TYPES WITH AIR DEVICE MOUNTING STYLE.
. ACCEPTABLE ALTERNATE MANUFACTURERS: CARNES, PRICE AND NAILOR.

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 MARK	AREA SERVED	MANUFACTURER / MODEL NO.	CFM	E.S.P. (in W.C.)	CONTROL	ACCESSORIES:
 EF1	WOMEN'S RM.	COOK 80C2B, ROOF MOUNTED, DOWN BLAST, BELT DRIVE, FAN RPM 1359, BHP	375	-0.5"	FAN RUNS CONTINUOUSLY, BROWNE	BD, BS, DS, RC, TC
	RM. 1008 & JAN. CLOSET RM. 1009	(HP) U.I. MOTOR INFO: 1/6 HP, RPM 1725, 115V, 1PH, ENCLOSURE ODP. SONES 5.9.			TIMECLOCK	
 EF2	MEN'S RM. 1055, WOMEN'S	COOK 100C2B, ROOF MOUNTED, DOWN BLAST, BELT DRIVE, FAN RPM 1414, BHP (HP) 0.083. MOTOR INFO: 1/6 HP. RPM	495	-0.5"	FAN RUNS CONTINUOUSLY, PROVIDE	BD, BS, DS, RC, TC
	JAN. CLOSET RM. 1057	1725, 115V, 1PH, ENCLOSURE ODP. SONES 7.7.			TIMECLOCK	
EF3	RESTROOM RM. 1074 & JAN.	COOK 70C3B, ROOF MOUNTED, DOWN BLAST, BELT DRIVE, FAN RPM 1745, BHP	270	-0.5"	FAN RUNS CONTINUOUSLY,	BD, BS, DS, RC
	CLOSET RM. 1075	(HP) 0.17. MOTOR INFO: 1/6 HP, RPM 1725, 115V, 1PH, ENCLOSURE ODP. SONES 9.2.			SWITCH AT	
EF4	WOMEN'S TOILET	COOK GEMINI GC-140, CEILING MOUNTED, DIRECT DRIVE, FAN RPM 1023, INPUT	70	-0.25"	REPLACING EXISTING FAN,	BD, BS, DS, SC, VI
	RM. 1067	WATTS 36.7. MOTOR INFO: 115V, 1PH, 0.6A. SONES 1.8.			SWITCH W/LIGHT	
EF5	MEN'S TOILET RM. 1068	(I) i	70	-0.25"	FAN,	BD, BS, DS, SC, VI
		0.6A. SONES 1.8.			W/LIGHT	
)						

	RTU2	R	MA		
	U2	RTU1	MARK	E	
	5 TON	7.5 TON	UNIT SIZE	XISTING R	
	2200	3000	S/A CFM	EXISTING ROOF TOP UNIT SCHEDULE	
-	220	200	O/A CFM	NIT SC	
1	ELEC	ELEC	HEATING	HEDU	
	ALL	ALL	REMARKS	Ε	

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MARK	UNIT SIZE	S/A CFM	O/A CFM	HEATING	REMARKS
RTU1	7.5 TON	3000	200	ELEC	ALL
RTU2	5 TON	2200	220	ELEC	ALL
RTU3	7.5 TON	3200	240	ELEC	ALL
RTU4	5 TON	2200	160	ELEC	ALL
NEW RTU5	SEE NEW RTU SCHEDULE	***************************************			-
RTU6	7.5 TON	3200	215	ELEC	ALL
NEW RTU7	SEE NEW RTU SCHEDULE				ana esa
RTU8	10 TON	4000	400	ELEC	ALL
RTU9	10 TON	4000	400	ELEC	ALL
RTU10	10 TON	4000	400	ELEC	ALL
RTU11	10 TON	4000	400	ELEC	ALL
RTU12	10 TON	4000	400	ELEC	ALL
RTU13	10 TON	4000	400	ELEC	ALL
RTU14	10 TON	4000	400	ELEC	ALL
RTU15	10 TON	4000	400	ELEC	ALL
NEW RTU16	SEE NEW RTU SCHEDULE	design them them	-		11 11
RTU17	4 TON	1600	160	ELEC	ALL
RTU18	10 TON	4000	275	ELEC	ALL
RTU19	4 TON	1600	100	ELEC	ALL
RTU20	4 TON	1600	100	ELEC	ALL
RTU21	7.5 TON	3200	200	GAS	ALL
NEW RTU22	SEE NEW RTU SCHEDULE	*** ***	****		1
RTU23	5 TON	2200	150	ELEC	ALL
RTU24	5 TON	2200	150	ELEC	ALL
RTU25	3 TON	1200	125	ELEC	ALL
NEW RTU26	SEE NEW RTU SCHEDULE		 		
NEW RTU27	SEE NEW RTU SCHEDULE				
NOTES:					
1. OWNER	S	RESPONSIBLE FOR RECONDITIONING AND SERVICING ALL	AND SERV	ICING ALL E	EXISTING

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NO	NOTES:
	OWNER IS RESPONSIBLE FOR RECONDITIONING AND SERVICING ALL EXISTING MECHANICAL ROOFTOP UNITS THAT ARE TO BE REUSED. RECONDITIONING FOLIPMENT MUST BE PERFORMED TO FUSIJRE PROPER WORKING ORDER, AND
	HANUFACTURER'S DESIGNED PERFORMANCE. HVAC SYSTEM WAS DESIGNED WITH
	MANUFACTURER SPECIFICATIONS. THE ENGINEER OF RECORD WILL NOT BE HELD
	RESPONSIBLE FOR THE LACK OF PERFORMANCE ON EXISTING MECHANICAL EQUIPMENT.
2.	
3.	PROVIDE AND REPLACE RTU FILTERS ON ALL EXISTING UNITS PRIOR TO OCCUPANCY, PROVIDE 2" THICK, MERV 8 FILTERS.
4.	
	LOCKING COVERS FOR T-STATS THAT ARE LOCATED IN OPEN OFFICE AREAS.
'n	SPECIFIED AIRELOWS AS NOTED ON THE HAVE BLANS AND SCHEDLIELS
	SUFCIFIED AIRTHOUSE AS ACTIVITY OF THE HOADS OF AND SOCIETY

HEDULE	ω		4					*Constitution						51			
CFM	SCHEDULE						NEW	ROC	F TO	PUN	IT S(HE	JULE	111			
APPLICATION PROVIDE	(in W.C.) CONTROL						HEATING		C00	E NO	C00L	ING				ELECTRICAL	.
A495 -0.5" FAN RUINS BD, BS, DS, CONTINUOUSLY, RC, TC FROVIDE TWO CONTINUOUSLY, RC, TC FROVIDE TWO CONTINUOUSLY, RC, TC FAN RUINS BD, BS, DS, RC CONTINUOUSLY, SMTCH AT ABHCDA05A2A6-2A0A0 1800 180 GAS 72 59	375 -0.5" FAN RUNS BD, BS, CONTINUOUSLY, RC, TC PROVIDE TIMECLOCK	MARK	MANUFACTURER & MODEL NO.	S/A CFM	O/A CFM	ТҮРЕ	Z	TUO	GROSS THC	GROSS SHC	# BOT	FWB		·	FAN WOTOR B.H.P.		~
CONTINUOUSLY, RC, TC RTU7 CARRIER - 10 TON 4200 375 GAS 180 148 RTU7 48HCDD12A2A6-2A0A0 4200 375 GAS 180 148 RTU7 48HCDD12A2A6-2A0A0 4200 375 GAS 180 148 RTU8 50PM-C20-B-6 RTU22 CARRIER - 5 TON 5WITCH AT PANEL RTU22 CARRIER - 8.5 TON 48HCDD09A2A6-2A0A0 2000 200 GAS 72 59 RTU22 48HCDD09A2A6-2A0A0 3500 200 GAS 125 103 RTU26 CARRIER - 5 TON 48HCDD09A2A6-2A0A0 3500 200 GAS 125 103 RTU26 CARRIER - 5 TON 48HCDD09A2A6-2A0A0 3500 200 GAS 125 103 RTU26 CARRIER - 8.5 TON 48HCDD09A2A6-2A0A0 3500 200 GAS 125 103 RTU26 CARRIER - 8.5 TON 5WITCH AT PANEL RTU27 CARRIER - 8.5 TON 6WITCH AT PANEL 8 EXISTING FAN, SC, VI	-0.5" FAN RUNS BD, BS,	RTU5	CARRIER - 4 TON 48HCDA05A2A6-2A0A0	1800	180	GAS	72	59	45.75	35.68	56.3			0.80	1.13	460V/3/60	I
RTU16 SOMM-C20-B-6 7000 100	CONTINUOUSLY, RC, TC PROVIDE	RTU7	CARRIER - 10 TON 48HCDD12A2A6-2A0A0	4200	375	GAS	180	148	110.15	93.06	55.2			0.80	3.00		2
CONTINUOUSLY, SWITCH AT SWITCH AT SWITCH AT SWITCH AT SWITCH AT SWITCH AT PANEL 70	OA" FAN BINS BD BS DS	RTU16	CARRIER – 16 TON 50PM-C20-B-6	7000	100			-	199.24	161.64	55.3			0.80	2.96	460V/3/60	
RTU26 CARRIER - 8.5 TON EXISTING FAN, SC, VI REPLACING EXISTING FAN, SC, VI NOTES:	SWITCH AT	RTU22	CARRIER – 5 TON 48HCDA06A2A6–2A0A0	2000	200	GAS	72	65	54.88	43.28	56.6			0.80	1.65	460V/3/60	
CARRIER — 5 TON EXISTING FAN, SC, VI OUTES: REPLACING SWITCH W/LIGHT OUTES: REPLACING SWITCH W/LIGHT OUTES: REPLACING SWITCH W/LIGHT OUTES: REPLACING SWITCH W/LIGHT OUTES: NOTES:		RTU26	CARRIER – 8.5 TON 48HCDD09A2A6-2A0A0	3500	200	GAS	125	103	92.03	70.42	55.7			0.80	1.83	460V/3/60	
NOTES: TO -0.25" REPLACING BD, BS, DS, EXISTING FAN, SC, VI 1. HIGH EFFICIENCY, GAS FIRED, VERTICAL DISCHARGE, ROOFTOP PACKAGED TRANE OR ENGINEER APPROVED EQUAL. TRANE OR ENGINEER APPROVED EQUAL. 2. EQUIPMENT SHALL BE SUPPLIED AS COMPLETE SYSTEMS AND INSTALLED WARRANTY: 5 YR ON COMPRESSOR AND HEAT EXCHANGER, 1 YR ON ALL WARRANTY: 5 YR ON COMPRESSOR AND HEAT EXCHANGER, 1 YR ON ALL CONTRACTOR TO PROVIDE AND INSTALL HVAC SYSTEM IN ACCORDANCE IN ACC	70 -0.25" REPLACING BU, BS, EXISTING FAN, SC, VI SWITCH	RTU27	CARRIER - 5 TON 50HC-A06A2A6-2A0A0	1750	100	1	1		53.66	45.32	55.7			0.80	1.34	460V/3/60	1
TRANE OR ENGINEER APPROVED EQUAL. 2. EQUIPMENT SHALL BE SUPPLIED AS COMPLETE SYSTEMS AND INSTALLED 3. PROVIDE TWO SETS OF REPLACEMENT FILTERS, ONE SET OF OPERATION AND TWIN CITY. 4. CONTRACTOR TO PROVIDE AND INSTALL HVAC SYSTEM IN ACCORDANCE IN ANAGEMENT CONTROL SYSTEM (FMCS) 5. NEW RTU'S SHALL BE DDC CONTROL COMPATIBLE WITH THE OWNER'S PRIOR AND FROM ANY EXHAUST OUTLET, BUILDING (INSTALL FIELD VERIFY ALL EXISTING CONDITIONS, EQUIPMENT INSTALL ATION	70 -0.25" REPLACING BD, BS, EXISTING FAN. SC. VI	NOTES									7	7 1 ->		2 7 2			7
3. PROVIDE TWO SETS OF REPLACEMENT FILTERS, ONE SET OF OPERATION AWARRANTY: 5 YR ON COMPRESSOR AND HEAT EXCHANGER, 1 YR ON ALL 4. CONTRACTOR TO PROVIDE AND INSTALL HVAC SYSTEM IN ACCORDANCE W 5. NEW RTU'S SHALL BE DDC CONTROL COMPATIBLE WITH THE OWNER'S PRE 10. RTUS SHALL BE 10 FT MINIMUM FROM ANY EXHAUST OUTLET, BUILDING CONTRACTOR SHALL TEST AND BALANCE SYSTEM TO ACHIEVE SPECIFIED 10. STALL ATION 2. PROVIDE TWO SETS OF REPLACEMENT FILTERS, ONE SET OF OPERATION ALL WARRANTY: 5 YR ON COMPRESSOR AND HEAT EXCHANGER, 1 YR ON ALL 1. CONTRACTOR SHALL TEST AND BALANCE SYSTEM TO ACHIEVE SPECIFIED 2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, EQUIPMENT 3. PROVIDE TWO SETS OF REPLACEMENT FILTERS, ONE SET OF OPERATION AWARRANTY: 5 YR ON COMPRESSOR AND HEAT EXCHANGER, 1 YR ON ALL 4. CONTRACTOR TO PROVIDE AND INSTALL HVAC SYSTEM IN ACCORDANCE W 5. NEW RTU'S SHALL BE 10 FT MINIMUM FROM AND HEAT EXCHANGER, 1 YR ON ALL 6. RTUS SHALL BE 10 FT MINIMUM FROM ANY EXHAUST OUTLET, BUILDING CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, EQUIPMENT INSTALL ATION	-		<u></u> ⊢	ED EQUAL	OMPLETE	SYSTEMS	AND INS		ACCORDIN	IG TO MA	NUFACT	URER'S	INSTRUC	TIONS.	EXNA E	MANOFACIORE	7.7
5. NEW RIUS SHALL BE DUC CONTROL COMPATIBLE WITH THE OWNER'S PRE 10 FT MINIMUM FROM ANY EXHAUST OUTLET, BUILDING CONTROL SYSTEM TO ACHIEVE SPECIFIED 2. CONTRACTOR SHALL TEST AND BALANCE SYSTEM TO ACHIEVE SPECIFIED 3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, EQUIPMENT 3. INSTAIL ATION	PENN AND TWIN CITY.	_	Z Z Z Z Z Z	SSOR AND INSTAL	FILTERS, ID HEAT L HVAC	ONE SET	OF OPE	DANCE W	OTHER C	OMPONET	MANUAL VTS. OF AU	THORITY	WARRA	NTY REC	SISTRATION.	ON TO OWNER.	
	ES MANAGEMENT CONTROL SYSTEM (FMCS) CTOR SHALL COORDINATE FAN OPERATION TEM.		동동농	JM FROM D BALAN ERIFY ALL	ANY EXI CE SYSTI	HAUST OF	m <	200	AIRFLOW.	REFER T	MANAGEI NTAKE. O SPECI AND EL	FICATION ECTRICA	AL REQU	IREMEN1	IS BEFOR	RE NEW EQUIPM	m

12.3

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SAMPER SET OCCUPPIED DAMPER POSITION TO 0/A CFM AIRFLOW SCHEDULE ABOVE. TER WITH DIFFERENTIAL ENTHALPY CONTROL WITH BAROMETRIC RELIEF DAMPER. BLE, NIGHT SETBACK, NON-VOLATILE THERMOSTAT WITH AUTO CHANGEOVER CONTROL R FOR T-STATS THAT ARE IN OPEN OFFICE AREAS. INSTALLED DUCT MOUNTED RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE D INSTALLED CONDENSER COIL HAIL GUARDS ON ALL UNITS. FAN COIL UNITS. FAN C	ENTHALPY CONTROL WITH BAROMETRIC RELIEF DAMPER. ION-VOLATILE THERMOSTAT WITH AUTO CHANGEOVER CONTROL FOR ARE IN OPEN OFFICE AREAS. INTED RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RE IN OPEN OFFICE AREAS. INTED RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE TO BUILDING FIRE ALA RETURN AIR SMOKE AIR	ENTHALPY CONTROL WITH BAROMETRIC RELIEF DAMPER. ION-VOLATILE THERMOSTAT WITH AUTO CHANGEOVER CONTROL FOR ARE IN OPEN OFFICE AREAS. INTED RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RE IN OPEN OFFICE AREAS. INTED RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE TO BUILDING FIRE ALA RETURN AIR SMOKE AIR	ENTHALPY CONTROL WITH BAROMETRIC RELIEF DAMPER. ION-VOLATILE THERMOSTAT WITH AUTO CHANGEOVER CONTROL FOR ARE IN OPEN OFFICE AREAS. INTED RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RE IN OPEN OFFICE AREAS. INTED RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE TO BUILDING FIRE ALA RETURN AIR SMOKE AIR	ENTHALPY CONTROL WITH BAROMETRIC RELIEF DAMPER. ION-VOLATILE THERMOSTAT WITH AUTO CHANGEOVER CONTROL FOR ARE IN OPEN OFFICE AREAS. INTED RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RE IN OPEN OFFICE AREAS. INTED RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE TO BUILDING FIRE ALA RETURN AIR SMOKE AIR	ENTHALPY CONTROL WITH BAROMETRIC RELIEF DAMPER. ION-VOLATILE THERMOSTAT WITH AUTO CHANGEOVER CONTROL FOR ARE IN OPEN OFFICE AREAS. INTED RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RE IN OPEN OFFICE AREAS. INTED RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE DETECTORS, WIRE TO BUILDING FIRE ALA RETURN AIR SMOKE TO BUILDING FIRE ALA RETURN AIR SMOKE AIR	DAMPER POSITION TO O/A CFM AIRFLOW SCHEDULE ABOVE. ENTHALPY CONTROL WITH BAROMETRIC RELIEF DAMPER. NON-VOLATILE THERMOSTAT WITH AUTO CHANGEOVER CONTROL FOR EACH NEW UNIT. PROVIDE ARE IN OPEN OFFICE AREAS. ARE IN OPEN OFFICE AREAS. FAN COIL UNITS. FAN COIL UNITS. FAN COIL UNITS. FAN COIL UNITS. FAN COIL HAIL GUARDS ON ALL UNITS. FAN COIL HAIL GUARDS ON ALL UNITS. FAN COIL # WITH CFM CFM HP VOLTS \$ \$ HZ MCA MTR VOLTS \$ HZ MCA MTR VOLTS \$ \$	70.00		ъ	ֿת	~			D INSTALL D INSTALL D INSTALL	ER WITH)AMPER S
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C. REF	REFRIGERANT LINES—MANUFACTURES PRECHARED LINE	LINES-MANUFACTURES PRECHARED	JRES PRE	CHARED	LINE KIT	KIT OR TYPE ACR COPPER, SIZE AS RECOMMEND	ACR CO	PPER,	SIZE AS	RECO	MEND) YB)	
D. RO	MANUTACIURER (R410A REFRIGERANI). ALL REFRIGERANI LINES SHALL BE CONCEALED WITH WALLS OR CEILINGS. ROOF MOUNTED CONDENSING UNIT: PROVIDE TIME DELAY RELAY, CYCLE PROTECTOR, ELECTRIC THERMOSTATIC	ENSING UN	NIT: PRO	OVIDE TIM	E DELAY F	RELAY, C	YCLE PRO	OTECTO	R, ELEC	ELECTRIC THERMOSTATIC	HERMO	STATION OF THE STATION	C G	
	EXPANSION VALVE KIT (TXV), CRANKCASE HEATER, FIELD INSTALL DISCONNECT SWITCHES, FURNISHED /	INECT SWIT	TCHES, FU	URNISHED		AND INSTALLED BY DIV. 26 CONTRACTOR.	SSURE S	6 CONT	CONTRACTOR.	? CIER D	KYER.			
G. PF	PROVIDE LIQUID TRAPS IN REFRIGERANT	S IN REFR	REFRIGERANT	SUCTION LINES	LINES.							-		

	_	20 A,B,C,D	20 A,B,C,D	MCOP REMARKS																	550 A,B,C,D,E,F,			2216 A,B,C,D,E,F,	1099 A,B,C,D,E,F, G,J,K,L,M,N	590 A,B,C,D,E,F, G,H,K,L,M,N	WT. REMARKS		
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LEGEND	E REQUIRED FOR THIS PROJECT)	ALL SYMBOLS SHOWN MAY	POINT OF CONNECTION CONNECT NEW TO EXISTING	FACILITIES MANAGEMENT CONTROLS SYSTEM	CONNECT NEW TO EXISTING	INDICATES EXISTING CONSTRUCTION OR EQUIPMENT	BOTTOM OF GRILLE ELEVATION	COMBINATION FIRE/SMOKE DAMPER. PROVIDE DETECTOR AND ACTUATOR	FIRE DAMPER	VOLUME DAMPER	OA = OUTSIDE AIR SUPPLY DUCT, SIZE AS NOTED	DUCT MOUNTED SMOKE DETECTOR	DOOR UNDERCUT	HUMIDISTAT SENSOR	CARBON DIOXIDE SENSOR	REMOTE TEMPERATURE SENSOR	THERMOSTAT W/SYSTEM NUMBER	EQUIPMENT MARK	GRILLE, DIFFUSER OR LOUVER TYPE WITH AIR FLOW CFM INDICATED	RETURN OR EXHAUST AIR DIFFUSER WITH ROUND DUCT	SUPPLY AIR DIFFUSER WITH ROUND SUPPLY DUCT	ROUND (OR OVAL) ELBOW	TEE WITH TURNING VANES		ELBOW WITH TURNING VANES	RETURN OR EXHAUST DUCT IN SECTION	SUPPLY DUCT IN SECTION	12" DIAMETER ROUND DUCT	BY 12" DEEP
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DENSATE DRAIN AND P-TRAP. DISCHARGE ONTO ROOF. BASED ON 100°Fdb/76°Fwb AMBIENT TEMPERATURE. OR SHALL MAINTAIN UNIT MANUFACTURER'S RECOMMENDED SERVICE CLEARAN

INSULATED ROOF CURBS. ROOF CURBS SHALL BE INSTALLED BY ROOF L GAS HEATING UNLESS SCHEDULED OTHERWISE. E OUTLETS, FURNISHED AND FIELD INSTALLED BY DIV. 26 ELECTRICAL RNISHED AND FIELD INSTALLED BY DIV. 26 ELECTRICAL CONTRACTOR. EPLACEABLE PANEL FILTERS AND ASSOCIATED FILTER RACK.

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CU-2	FCU-	2	20 17.5	13.2 2	208 1	60	20 20	A,B,C	A,B,C,D,E,F,G,H					
>	ING COIL CAPACITIES G. TEMP., 67'F EWB, DENSING UNIT CAPACI S7'F WB EVAPORATOR	RE AT O ARE ENTER	S AIR	CONDITI	ONS FOR	EQUIPMENT	T COMBIN	COMBINATION. 45	45°F COIL	80°F				
G.F.E. D. C.	REFRIGERANT LINES—MANUFACTURES PRECHARED LINE KIT MANUFACTURER (R410A REFRIGERANT). ALL REFRIGERANT ROOF MOUNTED CONDENSING UNIT: PROVIDE TIME DELAY EXPANSION VALVE KIT (TXV), CRANKCASE HEATER, HIGH & FIELD INSTALL DISCONNECT SWITCHES, FURNISHED AND INSLOW AMBIENT TEMPERATURE CONTROLS (-20°F) PROVIDE LIQUID TRAPS IN REFRIGERANT SUCTION LINES.	ACTURES PRECHARED RIGERANT). ALL REFF NUTT: PROVIDE TINDICATE HEATE SWITCHES, FURNISHED CONTROLS (-20°F)	CHARED LINE KIT OR TYPALL REFRIGERANT LINES S VIDE TIME DELAY RELAY, E HEATER, HIGH & LOW F JRNISHED AND INSTALLED (-20°F) SUCTION LINES.		ACR COPP NLL BE CON YCLE PROT ESSURE SW Y DIV. 26	R COPPER, SIZE AS RECOMMEND BY BE CONCEALED WITH WALLS OR CEILINGS. E PROTECTOR, ELECTRIC THERMOSTATIC URE SWITCHES & FILTER DRYER. IV. 26 CONTRACTOR.	AS RECO WITH WAL ECTRIC - FILTER I TOR.	MMEND E LS OR C THERMOS DRYER.	EILINGS. TATIC					
		FIRE/SMOKE		DAMPER	S	CHEDUL	m							
EQUIP NUMBER	MFR/MODEL	SIZE	FREE AREA			DESCRIPTION			NOTES					
FD	RUSKIN AS I IBD10 FOR	REQUIRED DUCT SIZE	AS REQUIRED FOR DUCT SIZE	1 1/2 HO DAMPER OF AIR S	WITH STREA	LISTED	FIRE OUT	, >	C, D					
FD/SD	RUSKIN AS FSD35 FO	REQUIRED DUCT SIZE	AS REQUIRED FOR DUCT SIZE	1 1/2 FIRE/S OUT C	2 HOUR UL /SMOKE DA OF AIR ST	UL LISTED (DAMPER WIT STREAM	D COMBINATION WITH CURTAIN	ION A,	B, C, D					
NOTES: A. PRO B. ULE C. ACO D. CON	ES: PROVIDE WITH INTEGRAL SLEEVE AND ROUN PL555S COMBINATION FIRE/SMOKE DRAMPE ACCEPTABLE ALTERNATE MANUFACTURERS: CONTRACTOR IS RESPONSIBLE FOR COORDII	$1 \times 7 \times 1$	DAMPEF O, ARRC	E APPLICABLE. CCTUATOR AND CARNES, LOU'	AND AND DR/	GS & ₩	DETECTOR. DAMPERS INC. FOR RATED AS	4C. ASSEMBLIES	S					

C

































































