

PACAGED TERMINAL AIR CONDITIONING UNIT													ELECTRICAL			
DESIG	I AN SECTION			COOLING CAPACITY @ 95 DEG F AMB			HEATING CAPACITY			E I UAL TO ISLANDIRE MODEL NUMBER	ACCESSORIES (SEE BELOW)	I EIGHT (LBS)	VOLT/ PHASE	MCA	MOCP	
	C/M	OA C/M	ESP IN/G	TOTAL MBH	SENSIBLE MBH	EAT DB/B	EER	MBH	NUMBER OF STAGES							
PTACIA	360	55	0.10	8.9	6.5	7664	11.3	8.5	1.0	E: DR08281EAAA	A:	130	208V1	13.1	15	

ACCESSORIES:
 (A) I FACTORY MOUNTED, NON-USED DISCONNECT S: ITCH
 (B) I FACTORY MOUNTED RETURN AIR SMO: E DETECTOR
 (C) I FACTORY MOUNTED SUPPLY AIR SMO: E DETECTOR
 (D) I 12" HIGH, INSULATED ROO: CURB
 (E) I THRU BASE ELECTRICAL CONNECTIONS
 (F) I 7 DAY PROGRAMMABLE THERMOSTAT

MECHANICAL NOTES:
 (G) I SLOPED CONDENSATE DRAIN PAN: I TH THRU BASE CONDENSATE DRAIN
 (H) I LO: AMBIENT COOLING CAPABILITY DO: N TO 0 DEG. I
 (I) I HAIL GUARDS ON CONDENSER COILS
 (J) I DRY BULB ECONOMY: ER: I TH 100: PO: ERRED RELIEF: I AN @ 25" ESP: OR RELIEF: I AN
 (K) I MOTOR: ED OUTSIDE AIR DAMPER AND BAROMETRIC RELIEF: I AN
 (L) I HOT GAS REHEAT

ELECTRICAL NOTES:
 1) PROVIDE ALL ROO: TOP UNITS I TH: I FACTORY MOUNTED DISCONNECT AND SINGLE POINT PO: ER CONNECTION.
 2) INSTALL UNITS LEVEL, OR PROPER CONDENSATE DRAINAGE, SHM CURBS AS RE: URED.
 3) COORDINATE E: ACT LOCATION O: UNIT I TH: I TH STRUCTURE.
 4) APPROVED MANU: ACTURERS ARE: AAO, CARRIER, LENNO: I, TRANE: I, YOR: I.

VERTICAL TERMINAL AIR CONDITIONING UNIT													ELECTRICAL			
DESIG	I AN SECTION			COOLING CAPACITY @ 95 DEG F AMB			ELECTRIC HEATING CAPACITY			E I UAL TO ISLANDIRE MODEL NUMBER	ACCESSORIES (SEE BELOW)	I EIGHT (LBS)	VOLT/ PHASE	MCA	MOCP	
	C/M	OA C/M	ESP IN/G	TOTAL MBH	SENSIBLE MBH	EAT DB/B	EER	MBH	NUMBER OF STAGES							
VTACIA	330	55	0.25	8.9	6.5	7664	11.3	3.8	1.0	E: VR08281N4AAA	A:	150	208V1	13.8	25	
VTACIB	600	55	0.20	17.5	11.8	7664	9.0	5.0	1.0	VTH24E10	A:	200	208V1	19.2	30	
VTACIC	600	55	0.10	15.4	10.7	7664	9.9	5.0	1.0	VTH183E08	A:	200	208V1	19.2	30	

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 (D) I 12" HIGH, INSULATED ROO: CURB
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MECHANICAL NOTES:
 (G) I SLOPED CONDENSATE DRAIN PAN: I TH THRU BASE CONDENSATE DRAIN
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 (K) I MOTOR: ED OUTSIDE AIR DAMPER AND BAROMETRIC RELIEF: I AN
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I ANS													ELECTRICAL			
DESIG	SERVES	CONTROL	C/M	SP IN/G	MOTOR HP	DRIVE	STARTER	ACCESSORIES (SEE BELOW)	GREEN-EC: MODEL	VOLT/ PHASE	LA	MCA	MOCP			
														SP IN/G	DRIVE	STARTER
Ei:1	RESTROOM	SI	ITCH	75	5	DIRECT	(6)	1.2	SP:80V/G	120V1			15			
Ei:2	BEAUTY	TIME	450	5	DIRECT	(285)	1.2	SP:170V/G	120V1				15			
Ei:3	RESTROOM	SI	ITCH	75	5	DIRECT	(6)	1.2	SP:80V/G	120V1			15			
Ei:4	LAUNDRY ROOM	247	500	5	DIRECT	(285)	1.2	SP:170V/G	120V1				15			
Ei:5	JANITOR	SI	ITCH	50	5	DIRECT	(6)	1.2	SP:80V/G	120V1			15			
Ei:6	JANITOR	SI	ITCH	50	5	DIRECT	(6)	1.2	SP:80V/G	120V1			15			
Ei:7	JANITOR	SI	ITCH	50	5	DIRECT	(6)	1.2	SP:80V/G	120V1			15			
Ei:8	JANITOR	SI	ITCH	50	5	DIRECT	(6)	1.2	SP:80V/G	120V1			15			
Ei:9	SPA	TIME	275	5	DIRECT	(224)	1.2	SP:A510V/G	120V1				15			
Ei:10	RESTROOM	SI	ITCH	75	5	DIRECT	(6)	1.2	SP:80V/G	120V1			15			
Ei:11	RESTROOM	SI	ITCH	75	5	DIRECT	(6)	1.2	SP:80V/G	120V1			15			
Ei:12	JANITOR	SI	ITCH	50	5	DIRECT	(6)	1.2	SP:80V/G	120V1			15			
Ei:13	S.L.	247	50	5	DIRECT	(6)	1.2	SP:80V/G	120V1				15			
Ei:14	RESTROOM	SI	ITCH	150	5	DIRECT	(128)	1.2	SP:B150	120V1			15			
Ei:15	RESTROOM	SI	ITCH	150	5	DIRECT	(128)	1.2	SP:B150	120V1			15			
Ei:16	RESTROOM	SI	ITCH	225	5	DIRECT	(224)	1.2	SP:A510V/G	120V1			15			
Ei:17	RESTROOM	SI	ITCH	225	5	DIRECT	(224)	1.2	SP:A510V/G	120V1			15			
Ei:18	BEAUTY	TIME	800	25	DIRECT	(285)	1.2	SP:A710V/G	120V1				15			
Ei:19	S.L.	247	50	5	DIRECT	(6)	1.2	SP:80V/G	120V1				15			
Ei:20	S.L.	247	50	5	DIRECT	(6)	1.2	SP:80V/G	120V1				15			
Ei:21	RESTROOM	SI	ITCH	75	5	DIRECT	(6)	1.2	SP:80V/G	120V1			15			
Ei:22	RESTROOM	SI	ITCH	75	5	DIRECT	(6)	1.2	SP:80V/G	120V1			15			
Ei:23	IT ROOM	TILINE	50	5	DIRECT	(6)	1.2	SP:80V/G	120V1				15			
Ei:24	RESTROOM	TILINE	75	5	DIRECT	(6)	1.2	SP:80V/G	120V1				15			
Ei:25	ATER HEATER	TILINE	50	5	DIRECT	(6)	1.2	SP:80V/G	120V1				15			
Ei:26	ATER HEATER	TILINE	50	5	DIRECT	(6)	1.2	SP:80V/G	120V1				15			
Ei:27	ATER HEATER	TILINE	75	5	DIRECT	(6)	1.2	SP:80V/G	120V1				15			
Ei:28	ATER HEATER	TILINE	75	5	DIRECT	(6)	1.2	SP:80V/G	120V1				15			
Ei:29	ATER HEATER	TILINE	200	5	DIRECT	(224)	1.2	SP:A510V/G	120V1				15			
Ei:A	RES UNIT	SI	ITCH	50	5	DIRECT	(6)	1.2	SP:80V/G	120V1			15			

ACCESSORIES (PROVIDE AS NOTED):
 1 I BAC: DRA: I DAMPER
 2 I BRDSCREEN
 3 I PRE: I (RED NON-USED SERVICE DISCONNECT)
 4 I DUCT INLET: FITTING

MECHANICAL NOTES:
 1) I V: I URNISHED BY DIV: 15, INSTALLED BY DIV: 16
 2) ALL: I ANS SHALL HAVE OSHA GUARDS AS APPLICABLE
 3) ALL: I ANS SHALL BE BY CAPTIVE/AIR: SEE I TH: I THEN DRA: INGS: OR: I URTHER DETAIL
 4) I TH: I THEN DRA: INGS: OR: I URTHER DETAIL

ELECTRICAL NOTES:
 1) PROVIDE ALL ROO: TOP UNITS I TH: I FACTORY MOUNTED DISCONNECT AND SINGLE POINT PO: ER CONNECTION.
 2) INSTALL UNITS LEVEL, OR PROPER CONDENSATE DRAINAGE, SHM CURBS AS RE: URED.
 3) COORDINATE E: ACT LOCATION O: UNIT I TH: I TH STRUCTURE.
 4) APPROVED MANU: ACTURERS ARE: AAO, CARRIER, LENNO: I, TRANE: I, YOR: I.

GRILLES I REGISTERS I DI I USERS												
DESIG	DUTY	TYPE	I FRAME TYPE	MATERIAL	I INSH	NEC: S I E I N	I FACE S I E I N	E I UAL TO HART: COOLEY MODEL NUMBER	I EIGHT (LBS)	VOLT/ PHASE	MCA	MOCP
CD1	SUPPLY	LOUVERED		STEEL	I HTE	NOTED	12-12	SD				
RG1	RETURN	LOUVERED		STEEL	I HTE	NOTED	18-18	650				
RG2	RETURN	LOUVERED		STEEL	I HTE	NOTED	12-12	650				
EG1	E: HAUST	LOUVERED		STEEL	I HTE	NOTED	12-12	650				

NOTES:
 A: C/M
 UP TO 225 8PRD
 230 I 300 10PRD
 305 I 360 12PRD
 365 I 450 14PRD
 455 I 560 16PRD
 B: PROVIDE CRDS AT ALL: I RE RATED ASSEMBLIES

ELECTRIC HEATERS													ELECTRICAL			
DESIG	SERVES	I AN SECTION	COOLING CAPACITY @ 95 DEG F AMB			E I UAL TO I MAR: MODEL	VOLT/ PHASE	LA	MCA	MOCP						
			C/M	OA C/M	ESP IN/G						TOTAL MBH					
Ei:181	STAIRS		4	100	1.25	A: I44807	208V1	14.5								
ELH11	I (RE SPRINK: IER)		3	350	1.27	MLH0371	208V1	11								

MECHANICAL NOTES (PROVIDE ITEMS AS NOTED):
 1) I FACTORY NON-USED DISCONNECT
 2) I FACTORY INTERNAL THERMOSTAT
 3) TAMPERPROO: THERMOSTAT
 4) REMOTE THERMOSTAT
 5) PROVIDE UNIT SUBBASE

ELECTRICAL NOTES:
 1) COORDINATE E: ACT: I USE: S: I E: P: ER MANU: ACTURERS NAMEPLATE
 2) ALL: I SUR: I ACE MOUNT: I FRAME
 3) CEILING MOUNTING BRAC: ET
 4) RECESS TRIM: I IT
 5) PROVIDE CUSTOM COLOR: AS CHOSEN BY ARCHITECT

DUCTLESS SPLIT SYSTEM AIR CONDITIONING													ELECTRICAL			
DESIG	SERVES	I AN SECTION	COOLING @ 95 F AMB			E I UAL TO MITSUBISHI MODEL NUMBER	VOLT/ PHASE	LA	MCA	MOCP						
			C/M	OA C/M	ESP IN/G						TOTAL MBH					
DS1a	MDI		366	ECM		208V1	0.76	1.0								
DS1b	DS1a					208V1	0.5	17.1	20							

NOTES:
 1) INSTALL LINESETS PER MANU: ACTURERS INSTRUCTIONS.
 2) PROVIDE CONDENSATE PUMP: I OR EACH EVAPORATOR UNIT AS RE: URED.
 3) PROVIDE SINGLE POINT PO: ER CONNECTION: I ROM CONDENSING UNIT.
 4) PROVIDE LO: VOLTAGE: I (RING BET: EEN CONDENSING UNIT AND AIR HANDLER: RE: ER TO M: G: I INSTALLATION INSTRUCTIONS.

SPLIT SYSTEM AIR CONDITIONING													ELECTRICAL							
DESIG	SERVES	I AN SECTION	COOLING @ 95 F AMB			E I UAL TO GOODMAN MODEL NUMBER	VOLT/ PHASE	LA	MCA	MOCP										
			C/M	OA C/M	ESP IN/G						TOTAL MBH									
AHU1	CORRIDOR		1400	280	0.7	34	38.0	30.0	81766.9	56.355.1	15.0	11.3	1.0	60	85	H: SC15	ASPT47C14AA	208V1	71.0	80.0
CU1	AHU1																GS: 140421	208V1	22.0	35.0
AHU2	ACTIVITY		1600	320	0.7	1	46.0	32.6	81766.9	56.355.1	20.0	15.0	1.0	60	90	H: SC20D	ASPT81D14AA	208V1	95.0	100.0
CU2	AHU2																GS: 140481	208V1	26.4	45.0
AHU3	SUNROOM		600	120	0.7	34	17.8	12.9	81766.9	56.355.1	6.0	4.5	1.0	60	84	H: S06: C	ASPT25B14AA	208V1	33.0	35.0
CU3	AHU3																GS: 140181L	208V1	9.9	15.0
AHU4	BEAUTY		1600	320	0.7	1	46.0	32.6	81766.9	56.355.1	20.0	15.0	1.0	60	90	H: SC20D	ASPT81D14AA	208V1	95.0	100.0
CU4	AHU4																GS: 140481	208V1	26.4	45.0
AHU5	CORRIDOR		1400	280	0.7	34	38.0	30.0	81766.9	56.355.1	15.0	11.3	1.0	60	85	H: SC15	ASPT47C14AA	208V1	71.0	80.0
CU5	AHU5																GS: 140421	208V1	22.0	35.0
AHU6	SUNROOM		600	120	0.7	34	17.8	12.9	81766.9	56.355.1	6.0	4.5	1.0	60	84	H: S06: C	ASPT25B14AA	208V1	33.0	35.0
CU6	AHU6																GS: 140181L	208V1	9.9	15.0
AHU7	CORRIDOR		2000	400	0.7	1	57.0	40.0	81766.9	56.355.1	25.0	18.8	1.0	60	90	H: SC20D	ASPT81D14AA	208V1	117.0	125.0
CU7	AHU7																GS: 140601	208V1	32.8	50.0
AHU8	CORRIDOR		1400	280	0.7	34	38.0	30.0	81766.9	56.355.1	15.0	11.3	1.0	60	85	H: SC15	ASPT47C14AA	208V1	71.0	80.0
CU8	AHU8																GS: 140421	208V1	22.0	35.0
AHU9	O: ICES		1200	240	0.7	34	34.2	25.4	81766.9	56.355.1	15.0	11.3	1.0	60	90	H: S15	ASPT37C14AA	208V1	71.0	80.0
CU9	AHU9																GS: 140361	208V1	18.7	30.0
AHU10	PUB		2000	400	0.7	1	57.0	40.0	81766.9	56.355.1	25.0	18.8	1.0	60	90	H: SC20D	ASPT81D14AA	208V1	117.0	125.0
CU10	AHU10																GS: 140601	208V1	32.8	50.0
AHU11	MULTIPURPOSE		160																	