

TERMINAL UNIT SCHEDULE

MARK	MANUFACTURER & MODEL OR EQUAL	NOMINAL INLET SIZE		MAX AIRFLOW	MAX AIR Pd (IN. WG)	MAX NC	NOTES:
		COLD	HOT				
TU-1	TRANE VDD	6-inch dia.	6-inch dia.	400 cfm	0.24	25	1,2,3,5
TU-2	TRANE VDD	8-inch dia.	8-inch dia.	790 cfm	0.24	25	1,2,3,5
TU-3	TRANE VDD	8-inch dia.		500 cfm	0.24	25	1-5
TU-4	TRANE VDD	5-inch dia.	5-inch dia.	290 cfm	0.24	25	1,2,3,5
TU-5	TRANE VDD	12-inch dia.	12-inch dia.	1550 cfm	0.24	25	1,2,3,5
TU-6	TRANE VDD	8-inch dia.		500 cfm	0.24	25	1-5

NOTES:

- BOX WILL BE CONTROLLED BY A ZONE THERMOSTAT AND BMS SYSTEM. COORDINATE LOCATION OF THERMOSTAT WITH ENGINEER.
- BOX CONTROL TRANSFORMER WILL BE SUPPLIED WITH 120 VOLT, SINGLE PHASE SERVICE, BY THE CONTRACTOR.
- PROVIDE WITH FACTORY MOUNTED DISCONNECT
- COOLING ONLY
- PROVIDE CONTROL BOX WITH 36IN OF CLEARANCE FOR ACCESS

POWER VENTILATOR SCHEDULE & ELECTRICAL CONNECTION DATA

MARK	MANUFACTURER & MODEL OR EQUAL	SERVES	FAN INFORMATION				ELECTRICAL CONNECTION DATA				ROOF OPENING ROUND DIA (IN)	WEIGHT (LB)	NOTES
			CFM	E.S.P. (IN. WG)	FRPM	HP	DRIVE	VOLTS	PH	FLA			
EF-1	LABCONCO 7071900	RESPONSE LAB HOOD	977	3.4	1706	2	DIRECT	230	3	5.8	12	100	1,2

NOTES:

- CONTROL BY LOCAL WALL MOUNTED SWITCH ON FUME HOOD
- PROVIDE WITH ACCESSORIES PER HOOD MANUFACTURER RECOMMENDATION

WAREHOUSE AIR COOLED CONDENSING UNIT SCHEDULE

MARK	MANUFACTURER & MODEL OR EQUAL	LOCATION	NOMAL COOLING MBH	MIN EER	CONDENSING TEMP. (F)	MCA	VOLTS/PH/HZ	WEIGHT	DIMENSION L x W x H	NOTES:
CU-1	TRANE 4TW3018A1	SEE PLANS	36	13	98	21.0	208/1/60	242	34/30/33	1,2,3,4
CU-2	TRANE 4TW3036A1	SEE PLANS	18	13	98	10.0	208/1/60	193	42/35/38	1,2,3,4

NOTES:

- PROVIDE WITH LOW AMBIENT KIT AND HAIL GUARDS
- PROVIDE MATCHING COOLING COIL
- MATCH TO FAN COIL OF SAME MARK
- SIZE REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS. ROUTE REFRIGERANT PIPING CONSEALED IN EXTERIOR WALL.

ROOF HOOD SCHEDULE

MARK	MANUFACTURER & MODEL OR EQUAL	SERVES	CFM	PRESSURE DROP E.S.P. (IN. WG)	THROAT AREA (SF)	ROOF OPENING (IN)	NOTES
RH-1	PENN AEG	ERV-1	300	0.016	1.0	12/12	1,2,3
RH-2	PENN AEG	ERV-1	300	0.016	1.0	12/12	1,2

NOTES:

- PROVIDE MINIMUM 12" MANUFACTURER ROOF CURB
- PROVIDE BIRD SCREEN
- PROVIDE MOTORIZED BACKDRAFT DAMPER

WAREHOUSE HEAT PUMP UNIT SCHEDULE

MARK	MANUFACTURER & MODEL OR EQUAL	FAN INFORMATION			FAN SPEED (RPM)	E.S.P. (IN. WC)	FAN COIL ELECTRICAL DATA			ELECTRIC HEAT DATA			DIMENSION L x W x H	WEIGHT (LBS)	NOTES
		CFM	ERV OUTSIDE AIR	FAN MOTOR (HP)			AMPS	VOLTS/PH/HZ		ELECTRIC HEAT (KW)	AMPS	MOCP			
HP-1	TRANE 2TFF3F18001	1100	250	1/2	1050	0.5	36	208/1/60	5	82	90	208/1/60	42X23X20	93	1,2
HP-2	TRANE 4TFF3F36A1D05	400	50	1/5	930	0.5	18	208/1/60	5	82	90	208/1/60	40X23X20	93	1,2

NOTES:

- PROVIDE WITH MERV 8 FILTERS, REFRIGERANT PIPING SIZES PER MANUFACTURERS RECOMMENDATIONS, 2 STAGES OF ELECTRIC HEAT, VIBRATION ISOLATION EQUIPMENT STAND, AND STAND ALONE CONTROLS WITH PROGRAMMABLE T-STAT.
- MATCH TO CONDENSING UNIT OF SAME MARK.

AIR CURTAIN SCHEDULE

MARK	MANUFACTURER & MODEL OR EQUAL	LOCATION	DOOR HT (IN)	UNIT WIDTH (IN)	AVG. NOZZLE VEL	AVG. AIRFLOW (CFM)	WIND SPEED	HEATING COIL CAPACITY (MBH)	KW	MOTOR HP	VOLTS/PH/HZ	REMARKS
AC-1	MARLEY BERKO E144083350HE	WAREHOUSE	144	144	3595	11640	12-15 MPH	82	24	3 @ 1/2 HP	208/3/60	1,2,3
AC-2	EXISTING AIR CURTAIN TO REMAIN	CLINIC VESTIBULE	96	-	-	-	-	-	9	2.5	208/1/60	4

NOTES:

- PROVIDE WITH CONTROL PANEL AND AUTOMATIC DOOR SWITCH FOR ACTIVATION UPON DOOR OPENING.
- MOTORS SHALL BE FURNISHED WITH AUTOMATIC RESETTING THERMAL OVERLOAD. INTERNAL MOTOR CORDS SHALL FEATURE QUICK DISCONNECT PLUGS.
- COMPLETE AIR CURTAIN UNIT SHALL BE UL- OR ETL- LISTED. A MOUNTING TEMPLATE AND O&M MANUAL SHALL BE FURNISHED.
- REUSE AND RELOCATE EXISTING CONTROLS

SPLIT SYSTEM A/C UNIT SCHEDULE

MARK	MANUFACTURER OR EQUAL	MODEL	LOCATION	INDOOR/OUTDOOR	FAN CFM	E.S.P.	EVAPORATOR COIL		HUMIDIFIER		ELECTRICAL		UNIT WT.	NOTES	
							SENSIBLE MBH	TOTAL MBH	EA BT/WH	L/B/H	K/W	FLA	AMP	V/Ø/HZ	LBS
EY-1E	LIEBERT	BU060E	F104 COMM	INDOOR UNIT	2800	0.3	53.0	62.6	30/67	11.5	4.8	20.8	30	208/3/60	545
CU-1E	LIEBERT	PFH067A	ROOF	OUTDOOR UNIT	-	-	50.4	66.6	95/68	-	-	24.1	45	208/3/60	351

NOTES:

- PROVIDE STANDARD ADVANCED MICROPROCESSOR LOCAL CONTROL SYSTEM WITH NETWORK INTERFACE CARD FOR STATUS MONITORING ON BAS SYSTEM.
- PROVIDE OUTDOOR UNIT WITH LOW TEMPERATURE CONTROLS FOR OPERATION TO (-) 30-DEG.F., HIGH HEAD PRESSURE SWITCH, AND SHORT CYCLE PROTECTOR.
- PROVIDE INDOOR UNIT WITH SINGLE POINT POWER.
- PROVIDE INDOOR UNIT WITH DUCT COLLAR, FACTORY SUPPLIED DISCHARGE & FILTER BOX.
- WARRANTY: 1-YEAR FROM DATE OF START-UP OR 18-MONTHS FROM DATE OF SHIPMENT WHICH EVER EXPIRES FIRST.

ENERGY RECOVERY VENTILATOR UNIT SCHEDULE

MARK	MANUFACTURER & MODEL OR EQUAL	SERVES	LOCATION	SUPPLY FAN INFORMATION			EXHAUST FAN INFORMATION			ELECTRICAL DATA			PHYSICAL DATA		NOTES:
				SUPPLY AIR CFM	E.S.P. "WG	HP	EXHAUST AIR CFM	E.S.P. "WG	HP	MCA (AMP)	FLA (AMP)	V/PH/HZ	DIMENSIONS L/W/H (IN)	WEIGHT LBS	
ERV-1	RENEWAIRE HET1XNH	SEE PLAN	MECH. ROOM	300	0.5	0.75	300	0.5	0.75	12.6	8.6	115/1/60	45/59/39	250	1

NOTES:

- ERV TO OPERATE WHEN WAREHOUSE IS OCCUPIED

AIR OUTLET AND INLET SCHEDULE

MARK	MANUF. & MODEL OR EQUAL	TYPE	MODULE SIZE	RUN-OUT / NECK SIZE	MAX AIRFLOW CFM	MATERIAL	FINISH	BORDER	PERFORMANCE		NOTES:
D-1	PRICE ASCD	FULL FACE MODULE DIFFUSER	24"x24"	6" DIA	150	ALUMINUM	WHITE	LAY-IN OR SURFACE (REF: RCP)	25	0.1"	1,2,4,5
				8" DIA	250						
				10" DIA	400						
				12" DIA	500						
				14" DIA	700						
				15" DIA	900						
D-2	PRICE ASCD	FULL FACE MODULE DIFFUSER	SURFACE: 12"x12" LAY-IN: 24"x24"	4" DIA	75	ALUMINUM	WHITE	LAY-IN OR SURFACE (REF: RCP)	25	0.1"	1,2,4,5
				5" DIA	125						
				6" DIA	150						
				7" DIA	200						
				8" DIA	300						
				8" DIA	250	STEEL	WHITE	LAY-IN OR SURFACE (REF: RCP)	25	0.3"	1,3,4,5,7,8
D-3	PRICE JET SLOT JSP210/JST210	LINEAR SLOT DIFFUSER	4"x48"	10" DIA	300						
				12" DIA	350						
				6" DIA	100	ALUMINUM	WHITE	LAY-IN OR SURFACE (REF: RCP)	25	0.1"	1,2,6,5,6
G-1	PRICE APDDR	PERFORATED MODULE RETURN/EX	24"x24"	8" DIA	200						
				10" DIA	375						
				12" DIA	550						
				14" DIA	725						
				15" DIA	860						
G-2	PRICE APDDR	PERFORATED MODULE RETURN/EX	12"x12"	6" DIA	100	ALUMINUM	WHITE	LAY-IN OR SURFACE (REF: RCP)	25	0.1"	1,3,5
				8" DIA	200						
				10" DIA	375						
				12" DIA	550						
				14" DIA	725						
				15" DIA	860						
S-1	PRICE 620 / 620DAL	SIDEWALL SUPPLY REGISTER	SEE PLANS	-	SEE PLANS	ALUMINUM	WHITE	DUCT / SURFACE	25	0.1"	1,3
S-1D											
R-1	PRICE 630 / 630DAL	SIDEWALL RETURN/EXHAUST GRILLE	SEE PLANS	-	SEE PLANS	ALUMINUM	WHITE	SURFACE	25	0.1"	1,3
R-1D											

NOTES:

- DIFFUSER/GRILLE IS DUCTED.
- FLUSH FACE PANEL.
- PROVIDE BALANCING DAMPER WITH FACE OPERATOR FOR DIFFUSERS/GRILLES LOCATED IN AREAS WITH INACCESSABLE CEILINGS/WALLS. REF: "D" SUFFIX TO MARK.
- PROVIDE FACE OPERATED DAMPER IN AREAS WITH HARD CEILING.
- BORDER TYPES SHALL BE COMPATIBLE WITH ARCHITECTURAL CEILING TYPE FOR THE ROOM IN WHICH THE AIR DEVICE IS LOCATED. CONTRACTOR TO CONFIRM BORDER TYPE PRIOR TO ORDERING.
- PROVIDE 18/18 NECK IN AREAS OF NON-DUCTED RETURN.
- PROVIDE WITH MANUFACTURERS ENGINEERED PLENUM. COORDINATED BORDER AND MOUNTING WITH REFLECTED CEILING PLANS.
- PROVIDE WITH MANUFACTURERS INSULATED ENGINEERED PLENUM. COORDINATED BORDER AND MOUNTING WITH REFLECTED CEILING PLANS.

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