

MAKE-UP AIR HANDLER PERFORMANCE SCHEDULE													BASIS OF DESIGN = GREENHECK										SOUND POWER (DB RE 10 ¹² WATTS) OCTAVE BAND 1 CENTER FREQUENCY (HZ)										
TAG	AIRFLOW (CFM)	MIN.OA (CFM)	FAN	T.S.P (INUG)	E.S.P (INUG)	FUEL	RPM	HEATING				COOLING			ELECTRICAL REQUIREMENTS						WEIGHT (POUNDS)	SERVICE	MODEL	1	2	3	4	5	6	7	8		
								E.D.B. (°F)	L.D.B. (°F)	INPUT CAP (MBH)	OUTPUT CAP (MBH)	E.D.B. (°F)	E.W.B. (°F)	TOT CAP (MBH)	SEN CAP (MBH)	HP	BHP	VFD	MCA	LRA				MOCF	VOLTAGE	63	125	250	500	1000	2000	4000	8000
MAU-1	3000	3000	SUPPLY	2.8	1.5	NAT GAS	1662	-5.0	10.0	264.1	243.0	81.0	14.0	98.6	53.4	3.0	2.8	N	55.5	-	80.0	208/3/60	1800	KH-1	DXG-110-H12	98	91	89	83	80	78	78	74

PROVIDE WITH 25-1 MODULATING GAS HEAT, ROOM OVERRIDE SENSOR

BFP PERFORMANCE SCHEDULE										BASIS OF DESIGN = ZURN-WILKINS										
TAG	SIZE	FLOW RATE (GPM)	W.P.D (PSI)	MAX. WORK'G. TEMPERATURE (DEGREES F)	MAX. WORK'G. PRESSURE (PSI)	TESTABLE (Y) OR (N)	BODY STYLE	SERVICE			MODEL	BASIS OF DESIGN = ALFA LAVAL								
								HEATING	COOLING	MODEL		TOTAL MBH	LMTD (°F)	DIMENSIONS (LxWxH)	WEIGHT (LBS)	SURFACE (SQFT)	DESIGN TEMP (°F)	DESIGN PRESS (PSI)	SIDE	FLUID
BFP-1	2"	1000	15.0	180	115	Y	RPZ	WATER	ENTRANCE	915XL	BASIS OF DESIGN = ALFA LAVAL									
BFP-2	2"	1000	15.0	180	115	Y	RPZ	WATER	ENTRANCE	915XL	BASIS OF DESIGN = ALFA LAVAL									
BFP-3	1"	450	15.0	180	115	Y	RPZ	COOLING TOWER	MAKE-UP	915XL	BASIS OF DESIGN = ALFA LAVAL									
BFP-4	3/4"	200	12.0	180	115	Y	RPZ	BOILER	FILL	915XL	BASIS OF DESIGN = ALFA LAVAL									
BFP-5	3/4"	200	12.0	180	115	Y	RPZ	POOL	MAKE-UP	915XL	BASIS OF DESIGN = ALFA LAVAL									

EXPANSION TANK PERFORMANCE SCHEDULE										BASIS OF DESIGN = TACO								
TAG	TANK VOLUME (GAL)	ACCEPTANCE VOLUME (GAL)	MIN. REQ'D. ACCEPT. VOL. (GAL)	MAX. WORK'G. TEMPERATURE (DEG F)	MAX. WORK'G. PRESSURE (PSI)	WEIGHT (LBS)	MOUNTING			MODEL	BASIS OF DESIGN = DECTRON							
							FLOOR	LW5/R	CA-600		FLA	MCA	MOCF	V/PH/Hz	SERVICE	ARRANGEMENT	MODEL	
ET-1	1580	1580	1440	240	125	1800	FLOOR	LW5/R	CA-600	BASIS OF DESIGN = DECTRON								
ET-2	1120	610	406	240	125	900	FLOOR	DHW	PAX-425	BASIS OF DESIGN = DECTRON								

AIR SEPARATOR PERFORMANCE SCHEDULE										BASIS OF DESIGN = TACO									
TAG	FLOW RATE (GPM)	W.P.D (PSI)	CV FACTOR	STRAINER (Y) OR (N)	MAX. WORK'G. TEMPERATURE (DEGREES F)	MAX. WORK'G. PRESSURE (PSI)	MOUNTING			MODEL	BASIS OF DESIGN = MITSUBISHI								
							FLOOR	LW5/R	4905HAD		TOTAL COOLING (MBH)	TOTAL HEATING (MBH)	AIRFLOW (CFM)	MOISTURE REMOVAL (PINTS/HR)	COND. DRAIN (IN)	SEER (BTUH/WATT)	SOUND RATING (DB)	WEIGHT (LBS)	REFRIGERANT PIPE SIZE (IN)
AS-1	3200	0.5	-	N	210	150	LW5/R	5"	4905HAD	BASIS OF DESIGN = MITSUBISHI									

LOUVER PERFORMANCE SCHEDULE										BASIS OF DESIGN = RUSKIN									
TAG	AIR FLOW (CFM)	SP LOSS (FFM)	AIR VEL. (FFM)	SIZE (INCHES) (W x H)	FREE AREA (SQFT)	DRAINABLE (Y) OR (N)	BLADE ANGLE & FRAME DEPTH	SERVICE			MODEL	BASIS OF DESIGN = MITSUBISHI							
								FLOOR	LW5/R	ELF6315DX <th>TOTAL COOLING (MBH)</th> <th>TOTAL HEATING (MBH)</th> <th>AIRFLOW (CFM)</th> <th>MOISTURE REMOVAL (PINTS/HR)</th> <th>COND. DRAIN (IN)</th> <th>SEER (BTUH/WATT)</th> <th>SOUND RATING (DB)</th> <th>WEIGHT (LBS)</th> <th>REFRIGERANT PIPE SIZE (IN)</th> <th>LIQUID</th> <th>GAS</th> <th>MCA</th> <th>MAX FUSE</th> <th>V/PH/Hz</th> <th>SERVICE</th> <th>ARRANGEMENT</th> <th>MODEL</th>		TOTAL COOLING (MBH)	TOTAL HEATING (MBH)	AIRFLOW (CFM)	MOISTURE REMOVAL (PINTS/HR)	COND. DRAIN (IN)	SEER (BTUH/WATT)	SOUND RATING (DB)	WEIGHT (LBS)
L-1A	350	0.10	522	24x12	0.61	Y	35°, 6"	PAH-1, O.A.	ELF6315DX	BASIS OF DESIGN = MITSUBISHI									
L-1B	450	0.10	611	24x12	0.61	Y	35°, 6"	EF-P, E.A.	ELF6315DX	BASIS OF DESIGN = MITSUBISHI									
L-1R	450	0.10	483	18x18	0.93	Y	35°, 6"	RETAIL, O.A.	ELF6315DX	BASIS OF DESIGN = MITSUBISHI									

TEMPERATURE MIXING VALVE PERFORMANCE SCHEDULE										BASIS OF DESIGN = (H) HEATIMMER, (A) APOLLO									
TAG	FLOW RATE (GPM)	INLET CONNECTION (INCHES)	OUTLET CONNECTION (INCHES)	W.P.D (PSIG)	SET POINT (DEGREES F)	SERVICE			MODEL	BASIS OF DESIGN = MITSUBISHI									
						BUILDING DHW	WALL	(H) ETV/TMC-2"SS		TOTAL COOLING (MBH)	TOTAL HEATING (MBH)	AIRFLOW (CFM)	MOISTURE REMOVAL (PINTS/HR)	COND. DRAIN (IN)	SEER (BTUH/WATT)	SOUND RATING (DB)	WEIGHT (LBS)	REFRIGERANT PIPE SIZE (IN)	LIQUID
TMV-1	100	2"	2"	10	120°F	BUILDING DHW	WALL	(H) ETV/TMC-2"SS	BASIS OF DESIGN = MITSUBISHI										
TMV-2	200	1"	1"	40	120°F	KITCHEN DHW	WALL	(A) MYC-1"	BASIS OF DESIGN = MITSUBISHI										

ELECTRIC HEATER PERFORMANCE SCHEDULE										BASIS OF DESIGN = QMARK							
TAG	OUTPUT (KW)	OUTPUT (MBH)	AIRFLOW (CFM)	ELECTRICAL REQUIREMENTS		MOUNTING			MODEL	BASIS OF DESIGN = A.O. SMITH							
				AMPS	V/PH/Hz	MOUNT	SERVICE	MODEL		TOTAL COOLING (MBH)	TOTAL HEATING (MBH)	AIRFLOW (CFM)	RECOVERY 90°F RISE (GPH)	WORKING PRESSURE (PSIG)	INLET CW TEMP (DEG F)	OUTLET HW TEMP (DEG F)	AMPS
UH-1	18	61	100	15.0	120/1/60	SURFACE	HEAT	CUH3180	BASIS OF DESIGN = A.O. SMITH								
UH-2	30	102	100	14.5	208/1/60	SURFACE	HEAT	CUH3404	BASIS OF DESIGN = A.O. SMITH								
CUH-1	50	170	250	25.0	208/1/60	SURFACE	HEAT	CU935	BASIS OF DESIGN = A.O. SMITH								
CUH-2	80	273	250	39.0	208/1/60	SURFACE	HEAT	CU935	BASIS OF DESIGN = A.O. SMITH								
UH-1	50	170	270	20.8	208/1/60	SURFACE	HEAT	UH-520	BASIS OF DESIGN = A.O. SMITH								

PROVIDE WITH SURFACE MOUNT BOX AND WALL MOUNTED THERMOSTAT.

AIR DEVICE PERFORMANCE SCHEDULE										BASIS OF DESIGN = PRICE								
TAG	PANEL SIZE (IN)	NECK SIZE (IN)	AIRFLOW (CFM)	SP LOSS (INUG)	THROU(L)	Nc	MOUNTING			MODEL	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS							
							DUCT CONN (IN)	PATTERN	MODEL		INPUT (MBH)	HEATING CAPACITY (MBH)	PRESS. DROP (FT HD)	FUEL	EFF. (%)	INTAKE/VENT (IN)	AMPS	WATTS
S1	-	12x6	50-350	0.10	-	-	SEE DWGS	SEE DWGS	RCG	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
S2	-	14x14	300-550	0.10	-	-	SEE DWGS	SEE DWGS	RCG	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
S3	-	18x6	200-350	0.10	-	-	SEE DWGS	SEE DWGS	RCG	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
S4	-	12x12	300-500	0.10	-	-	SEE DWGS	SEE DWGS	RCG	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
S5	-	6x6	50-120	0.10	-	-	SEE DWGS	SEE DWGS	AMX-3AL	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
S11	-	8x8	100-215	0.10	-	-	SEE DWGS	SEE DWGS	AMX-3AL	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
S12	-	10x10	100-425	0.10	-	-	SEE DWGS	SEE DWGS	AMX-3AL	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
S13	-	12x12	325-500	0.10	-	-	SEE DWGS	SEE DWGS	AMX-3AL	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
E1	-	8x6	50-100	0.03	-	-	SEE DWGS	SEE DWGS	RCG	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
E2	-	6x6	50-100	0.03	-	-	SEE DWGS	SEE DWGS	60D	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
E3	-	8x8	150-200	0.03	-	-	SEE DWGS	SEE DWGS	60D	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
E4	-	12x12	150-450	0.03	-	-	SEE DWGS	SEE DWGS	60D	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
E10	-	6x6	50	0.03	-	-	SEE DWGS	SEE DWGS	60D	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
R1	-	18x36	700	0.03	-	-	SEE DWGS	SEE DWGS	60D	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
R2	-	18x18	300-1200	0.03	-	-	SEE DWGS	SEE DWGS	60D	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
R3	-	24x24	2500	0.03	-	-	SEE DWGS	SEE DWGS	60D	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								
R4	-	6x6	65-120	0.03	-	-	SEE DWGS	SEE DWGS	60D	BASIS OF DESIGN = HEAT TRANSFER PRODUCTS								

PROVIDE WITH ADJUSTABLE VOLUME DAMPERS.

HEAT EXCHANGER PERFORMANCE SCHEDULE										BASIS OF DESIGN = ALFA LAVAL																
TAG	TOTAL MBH	LMTD (°F)	DIMENSIONS (LxWxH)	WEIGHT (LBS)	SURFACE (SQFT)	DESIGN TEMP (°F)	DESIGN PRESS (PSI)	SIDE	FLUID	FLOW RATE	INLET TEMP (°F)	OUTLET TEMP (°F)	PLATE MATERIAL	PRESSURE DROP (PSI)	PRESSURE DROP (FTWG)	INLET PIPE SIZE (IN)	OUTLET PIPE SIZE (IN)	MODEL	BASIS OF DESIGN = ALFA LAVAL							
																			TOTAL COOLING (TONS)	TOTAL COOLING (MBH)	CONDENSER CAPACITY (MBH)	TOTAL AIRFLOW (CFM)	E.S.P. (INUG)	MINIMUM O.A. (CFM)	POOL WATER (GPM)	POOL WATER (FT WG)
HEX-1	1612	4.0	51"x19"x43"	1500	463	1500	1500	HOT	WATER	3200	98.0	88.0	TYPE 304 S.S.	2.9	-	4	4	AQ4-FG	BASIS OF DESIGN = ALFA LAVAL							
HEX-2	250	69.58	16"x11"x19"	65	4.8	1800	1500	COLD	WATER	2100	83.0	95.0	TYPE 304 S.S.	2.1	-	4	4	AQ4-FG	BASIS OF DESIGN = ALFA LAVAL							
HEX-2	250	69.58	16"x11"x19"	65	4.8	1800	1500	HOT	WATER	130	180.0	140.0	TYPE 316 S.S.	1.5	-	1	1	AQ1-FG	BASIS OF DESIGN = ALFA LAVAL							
HEX-2	250	69.58	16"x11"x19"	65	4.8	1800	1500	COLD	WATER	250	80.0	100.0	TYPE 316 S.S.	4.1	-	1	1	AQ1-FG	BASIS OF DESIGN = ALFA LAVAL							

HEX-1 SHALL BE SUITABLE FOR POOL WATER.

POOL AIR HANDLER PERFORMANCE SCHEDULE										BASIS OF DESIGN = DECTRON													
TAG	NOMINAL COOLING (TONS)	TOTAL COOLING (MBH)	CONDENSER CAPACITY (MBH)	TOTAL AIRFLOW (CFM)	E.S.P. (INUG)	MINIMUM O.A. (CFM)	POOL WATER (GPM)	POOL WATER (FT WG)	MOISTURE REMOVAL (PINTS/HR)	ROOM TEMP (°F)	WEIGHT W/ CURB (LBS)	TYPE OF REFRIG. ERANT	FUEL	ELECTRICAL REQUIREMENTS			BASIS OF DESIGN = DECTRON						
														FLA	MCA	MOCF	V/PH/Hz	SERVICE	ARRANGEMENT	MODEL			
PAH-1	30	32.3	-	385	10	350	60	13.9	-	85.0	-	R410A	-	6.20	10.0	208/3/60	POOL	DRY-O-TRON D5V-010	BASIS OF DESIGN = DECTRON				

UNIT HAS FLUID COOLED AIR CONDITIONING FED FROM HEAT PUMP LOOP, VFD FAN, 410MBH ELECTRIC SPACE HEATING COIL

SPLIT-SYSTEM AIR CONDITIONER PERFORMANCE SCHEDULE										BASIS OF DESIGN = MITSUBISHI											
TAG	TOTAL COOLING (MBH)	TOTAL HEATING (MBH)	AIRFLOW (CFM)	MOISTURE REMOVAL (PINTS/HR)	COND. DRAIN (IN)	SEER (BTUH/WATT)	SOUND RATING (DB)	WEIGHT (LBS)	REFRIGERANT PIPE SIZE (IN)	ELECTRICAL REQUIREMENTS			BASIS OF DESIGN = MITSUBISHI								
										LIQUID	GAS	MCA	MAX FUSE	V/PH/Hz	SERVICE	ARRANGEMENT	MODEL				
SAC-R1	30.0	32.0	150	8.9	1-1/4"	16.5	39	73	3/8"	5/8"	2.73	-	208/1/60	RETAIL	DUCTED	FEAD-A30AA4	BASIS OF DESIGN = MITSUBISHI				
SAC-R2	30.0	32.0	150	8.9	1-1/4"	16.5	39	73	3/8"	5/8"	2.73	-	208/1/60	RETAIL	DUCTED	FEAD-A30AA4	BASIS OF DESIGN = MITSUBISHI				

PLUMBING FIXTURE CONNECTION SCHEDULE									
TAG	DESCRIPTION	SAN	VENT	CW	HW				
P-1A	FLOOR MOUNTED TT WC	3"	2"	1/2"	-				
P-1B	ADA FLOOR MOUNTED TT WC	3"	2"	1/2"	-				
P-1C	ADA WALL HUNG FV WC	4"	2"	1"	-				
P-1D	WALL HUNG FV WC	4"	2"	1"	-				
P-1E	ADA FLOOR MOUNTED FV WC	4"	2"	1"	-				
P-2A	LAVATORY NON-ADA (GUESTROOMS)	1-1/2"	1-1/2"	1/2"	1/2"				
P-2B	LAVATORY ADA (GUESTROOMS)	1-1/2"	1-1/2"	1/2"	1/2"				
P-2C	LAVATORY (PUBLIC RESTROOMS)	1-1/2"	1-1/2"	1/2"	1/2"				
P-2D	ADA WALL HUNG LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"				
P-3	URINAL (PUBLIC RESTROOMS)	2"	1-1/2"	3/4"	-				
P-4A	NON-ADA SHOWER	2"	1-1/2"	1/2"	1/2"				
P-4B	ADA ROLL-IN SHOWER	2"	1-1/2"	1/2"	1/2"				
P-5A	60" BATHUB	2"	1-1/2"	1/2"	1/2"				
P-5B	ADA 60" BATHUB	2"	1-1/2"	1/2"	1/2"				
P-6	SUITE KITCHEN SINK SS UNDERMOUNT	3"	2"	1/2"	1/2"				
P-7	EMPLOYEE LOUNGE SS KITCHEN SINK	3"	2"	1/2"	1/2"				
P-8	MOP SINK	3"	2"	3/4"	3/4"				
P-9	LAUNDRY TUB	2"	1-1/2"	1/2"	1/2"				
P-10	LAUNDRY HAND-WASH SINK	2"	1-1/2"	1/2"	1/2"				
P-11	ICE MACHINE BOX	-	-	1/2"	-				
P-12	ADA BI-LEVEL WATER COOLER								