ARCHVIEW

AIR HANDLING UNITS – AIR ENTERPRISES

AVAILABLE FOR PURCHASE OR SCAVENGED PARTS

DESCRIPTION: Archview Services (AVS) is offering for sale 3 ea, unused, high-performance custom-built Air Handling Units designed for large facilities and manufacturing environments. AVS is willing to consider any offers on the units "as-is" ~~or offers on the individual components included in the systems.~~ These are listed in the following documents as AHUKS1, AHUKS2 and AHUKS3 (images shown) and, the AHU & Equipment Schedules are detailed in the attachments. More images are available upon request if needed.

WARRANTY: AVS have confirmed with the supplier that if the units are purchased in their current configuration, a Limited Warranty of ___ months will be offered.

CUSTOMIZATIONS: AVS recognizes that applications may require unique modifications or additions to the system. AVS has retained the services of a mechanical designer equipped to meet your needs and retrofit the units as needed.

OTHER: Transportation, Installation, Start-Up and Service are all negotiable as needed.

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Job #	Customer Unit ID	CFM	Supply TSP (in wc)	Supply ESP (in wc)	Qty Sections	Unit Height	Unit Width	Unit Length	Factory Roofing	Factory Painted	Indoor / Outdoor	Factory / Field
6413-1	AHU-KS1	16,200	6.00	1.30	4	11'-1"	11'-11"	24'-0"	No	No	Indoor	Factory
6413-2	AHU-KS2	35,900	5.00	2.25	2	12'-0"	9'-9"	24'-0"	No	No	Indoor	Factory
6413-3	AHU-KS3	6,000	3.70	1.00	1	5'-6"	5'-4"	19'-0"	No	No	Indoor	Factory

AIR HANDLING UNIT SCHEDULE

UNIT DESIG.	LOCATION	SERVICE	MANUFACTURER & MODEL NO.	AIRFLOW (CFM)	MIN. O.A. FLOW (CFM)	UNIT TYPE	RETURN / RELIEF FAN DATA																VFD SCCR kA
							AIRFLOW (CFM)	WHEEL DIAMETER	WHEEL TYPE	FAN CLASS	FAN TYPE	FAN DISCHARGE	ESP (IN. W.C.)	TSP (IN. W.C)	RPM	BHP	NUMBER OF FANS	MOTOR DATA HP	MOTOR DATA RPM	MOTOR DATA VOLTS/PH	MOTOR DATA UNIT CONTROL	ACCESS LOCATION	
AHU-K51	NEW MECH	DOAS	AIR ENTERPRISE	16,200	100%	HBT	NOT APPLICABLE																-
AHU-K52	NEW MECH	DINING	AIR ENTERPRISE	35,900	15600	HDT	NOT INTEGRAL TO UNIT																-
AHU-K53	NEW MECH	INTERSTITIAL	AIR ENTERPRISE	6,000	600	HDT	NOT APPLICABLE																-
AHU-K54	G1007E	KITCHEN	AIR ENTERPRISE	15,500	1500	HDT	NOT INTEGRAL TO UNIT																-
AHU-K55	STORAGE 0000	MEZZ. / MTG. ROOMS	AIR ENTERPRISE	10,540	2300	HDT	NOT APPLICABLE																-
AHU-K56	C1007E	SERVERY	AIR ENTERPRISE	12,600	2400	HDT	NOT APPLICABLE																-
AHU-K57	C1007E	DOAS	AIR ENTERPRISE	6,200	100%	HDT	6200	24.2	AF	2	PLENUM	TOP	0.75	3.95	1315	4.5	1	5	1770	480/3	VFD (BY DIV 26)	LH	-

UNIT TYPE
HDT - HORIZONTAL DRAW THRU
VDT - VERTICAL DRAW THRU
HBT - HORIZONTAL BLOW THRU
MZ - MULTI-ZONE

WHEEL TYPE:
AF - AIRFOIL
BI - BACK INCLINE
FC - FORWARD CURVE
MXF - MIXED FLOW

FAN DISCHARGE:
THD - TOP HORIZONTAL DISCHARGE
BHD - BOTTOM HORIZONTAL DISCHARGE
TAU - TOP ANGULAR DISCHARGE
BH - BOTTOM ANGULAR DISCHARGE
UBD - UP BLAST DISCHARGE
DBD - DOWN BLAST DISCHARGE
HM - HORIZONTAL MOUNT

ORIENTATION
RH - RIGHT HAND
LH - LEFT HAND
(ORIENTATION BASED ON LOOKING INTO AIRFLOW)

NOTES:
1 Cooling coil is to be configured with an face and bypass dampers at the c

AIR HANDLING UNIT SCHEDULE

UNIT DESIG.	INLET BOX SECTION	FILTER SECTION	FILTER EFFICIENCY (MERV)	PRE-HEAT COIL	ACCESS LENGTH (IN.)	ACCESS DOOR ORIENTATION	COOLING COIL	ACCESS LENGTH (IN.)	ACCESS DOOR ORIENTATION	RE-HEAT COIL	SUPPLY FAN DATA WHEEL DIAMETER	WHEEL TYPE	FAN CLASS	FAN TYPE	FAN DISCHARGE	ESP (IN. W.C.)	TSP (IN. W.C)	RPM	BHP	NUMBER OF FANS	MOTOR DATA HP	MOTOR DATA RPM	MOTOR DATA VOLTS/PH	MOTOR DATA UNIT CONTROL	ACCESS LOCATION	VFD SCCR kA	UNIT WEIGHT (LBS)	NOTES
AHU-K51	Y	Y	MERV 8 / MERV 13	Y	24	LH	Y	24	LH	N	24"	AF	2	PLENUM	TOP	1.3	5.8	1979	10.4	2	15	1770	460/3	VFD (DIV 26)	LH	-	16000	
AHU-K52	Y	Y	MERV 8 / MERV 13	Y	24	RH	Y	24	RH	N	30"	AF	3	PLENUM	TOP	2.25	5.3	1789	22.3	2	2 @ 25	1770	460/3	VFD (DIV 26)	RH	-	15400	1
AHU-K53	Y	Y	MERV 8 / MERV 13	N	-	-	Y	24	RH	Y	24"	AF	2	PLENUM	TOP	1	3.7	1629	5	1	7.5	1770	460/3	VFD (DIV 26)	RH	-	6000	
AHU-K54	Y	Y	MERV 8 / MERV 13	Y	24	LH	Y	24	LH	N	27"	AF	3	PLENUM	TOP	2.0	5	1839	19	1	25	1770	460/3	VFD (DIV 26)	LH	-	9000	
AHU-K55	Y	Y	MERV 8 / MERV 13	N			Y	24	RH	N	24"	AF	2	PLENUM	TOP	2	4.6	1788	10.4	1	15	1770	460/3	VFD (DIV 26)	RH	-	7500	
AHU-K56	Y	Y	MERV 8 / MERV 13	Y	24	LH	Y	24	LH	Y	24	AF	2	PLENUM	TOP	2	4.75	1934	13.4	1	20	1770	460/3	VFD (DIV 26)	RH	-	9500	
AHU-K57	Y	Y	MERV 8 / MERV 13	Y	24	LH	Y	24	LH	N	20"	AF	2	PLENUM	TOP	1.5	5.1	2146	6.6	1	10	1770	460/3	VFD (DIV 26)	RH	-	12500	

SCCR: SHORT CIRCUIT CURRENT RATING

oling coil.

AIR HANDLING UNIT COIL SCHEDULE

UNIT DESIG.	SERVICE	PREHEAT COIL DATA AIRFLOW (CFM)	MIN. ROWS	MAX FPI	MIN. AREA (SQ. FT.)	EAT (DB, °F)	LAT (DB, °F)	EWT (°F)	MAX. FLOW (GPM)	MAX. APD (IN. W.C.)	MAX. WPD (FT.)	COOLING COIL DATA AIRFLOW (CFM)	MIN. ROWS	MAX. FPI	MIN. AREA (SQ. FT.)	EAT (DB/WB, °F)	LAT (DB/WB, °F)	EWT (°F)	MAX. FLOW (GPM)	MAX. APD (IN. W.C.)	MAX. WPD (FT.)	HEATING COIL DATA AIRFLOW (CFM)	MIN. ROWS	MAX. FPI	MIN. AREA (SQ. FT.)	EAT (DB, °F)	LAT (DB, °F)	EWT (°F)	MAX. FLOW (GPM)	MAX. APD (IN. W.C.)	MAX. WPD (FT.)	NOTES
AHU-KS1	DOAS	16,200	1	12	33.7	0	60	165	143.4	0.15	5.7	16,200	10	10	41.25	87.8 / 79.6	51 / 51	45	216.5	0.82	21	NOT APPLICABLE										1,2
AHU-KS2	DINING	31,500	2	7	66.5	0	60	165	286.8	0.15	6.4	20,300	8	10	55.25	75 / 62.5	50.8 / 50.4	45	92.5	0.51	12	NOT APPLICABLE										1,2
AHU-KS3	INTERSTITIAL	NOT APPLICABLE										5,400	8	11	13	80 / 67	52.1 / 51.8	45	33.1	0.78	10	6,000	1	7	12	65	90	180	11	0.15	3	1
AHU-KS4	KITCHEN	14,000	1	9	33	17	60	165	88.8	0.15	4.7	14,000	10	10	34.83	90 / 77	52.0 / 51.7	45	160.7	0.78	16	NOT APPLICABLE										1,2
AHU-KS5	MEZZ. / MTG. ROOMS	9,620	1	9	20.3	55	90	180	37.4	0.15	9.3	9,620	8	10	20.33	75 / 62.5	52.0 / 51.7	45	39.5	0.65	13	NOT APPLICABLE										1
AHU-KS6	SERVERY	10,100	2	7	23.7	0	60	100	55.8	0.15	4.1	12,500	8	10	31.25	75 / 63.94	52.0 / 51.9	45	50.4	0.65	16	12,500	1	11	23.7	55	90	180	31.5	0.15	6	1,2
AHU-KS7	DOAS	6,200	1	12	12	0	60	165	54.9	0.15	5	6,200	10	10	14	95 / 80	52 / 52	45	62	0.9	15	NOT APPLICABLE										1,2

NOTES:
1. SEE PLANS FOR COIL AND CONDENSATE PIPING CONNECTION ORIENTATIONS
2. PREHEAT COIL FLOW IS DOUBLE THE SYSTEM FLOW DUE TO PREHEAT COIL PUMP

AIR HANDLING UNIT ENERGY RECOVERY / DESICCANT WHEEL SCHEDULE

UNIT DESIG.	SERVICE	ENERGY RECOVERY WHEEL SUPPLY AIRFLOW (CFM)	SUPPLY MAX. APD (IN. W.C.)	SUPPLY SUMMER EAT °F (DB/WB)	SUPPLY SUMMER LAT°F (DB/WB)	SUPPLY SUMMER TOTAL EFF %	SUPPLY WINTER EAT °F (DB/WB)	SUPPLY WINTER LAT°F (DB/WB)	SUPPLY WINTER TOTAL EFF %	EXHAUST AIRFLOW (CFM)	EXHAUST MAX. APD (IN. W.C.)	EXHAUST SUMMER EAT °F (DB/WB)	EXHAUST SUMMER LAT°F (DB/WB)	EXHAUST WINTER EAT °F (DB/WB)	EXHAUST WINTER LAT°F (DB/WB)	DESICCANT WHEEL AIRFLOW	BEFORE COOLING COIL MAX. APD (IN. W.C.)	BEFORE COOLING COIL SUMMER EAT °F (DB/WB)	BEFORE COOLING COIL SUMMER LAT°F (DB/WB)	AFTER COOLING COIL MAX. APD (IN. W.C.)	AFTER COOLING COIL SUMMER EAT °F (DB/WB)	AFTER COOLING COIL SUMMER LAT°F (DB/GRAINS)	NOTES
AHU-K51	DOAS	NA														16,200	0.9	95 / 80	87.7 / 79.7	0.8	50.5 / 50.4	57.8 / 50.9	
AHU-K52	DINING	NA														NA							
AHU-K53	INTERSTITIAL	NA														NA							
AHU-K54	KITCHEN	NA														NA							
AHU-K55	MEETING ROOMS	NA														NA							
AHU-K56	SERVERY	NA														NA							
AHU-K57	DOAS	6,200	0.7	95 / 80			0 / 1.5	63.5 / 42.8	77.80%		0.7			68 / 51.5	15.3 / 14.7	NA							

FAN SCHEDULE

Job #	UNIT NO.	TAG	QTY	MFG.	MODEL	CL	ROT	DISCH	ARR	CFM (PER FAN)	ISP (in wc)	ESP (in wc)	TSP (in wc)	BHP	RPM	MAX RPM	VFD Op (Hz)	WHEEL WIDTH	WHEEL DIA	OPTIONS
6413-1	AHU-KS1	SF	2	GREENHECK	24-APH-4-65-II-150	II	NOTE	HOR	4	8,100	4.66	1.30	6.0	10.7	2074	2514	70	65%	100%	1,2,3,4,5,6
6413-2	AHU-KS2	SF	2	GREENHECK	30-APH-4-85-III-250	III	NOTE	HOR	4	17,950	2.70	2.25	5.0	23.2	1770	2263	60	85%	100%	1,2,3,4,5,6
6413-3	AHU-KS3	SF	1	GREENHECK	24-APH-4-50-I-75	II	CW	HOR	4	6,000	2.70	1.00	3.70	5.1	1803	2743	61	50%	100%	1,2,3,4,5

MOTOR SCHEDULE

Job #	UNIT NO.	TAG	QTY	MFG.	MODEL	HP	RPM	ENC.	POWER	BOX	OPTIONS
6413-1	AHU-KS1	SF	2	BALDOR	SUPER-E	15	1800	TEFC	460/3/60	F1	1,2,3,4
6413-2	AHU-KS2	SF	2	BALDOR	SUPER-E	25	1800	TEFC	460/3/60	F1	1,2,3,4
6413-3	AHU-KS3	SF	1	BALDOR	SUPER-E	7.5	1800	TEFC	460/3/60	F1	1,2,3,4

SPRING ISOLATOR SCHEDULE

Job #	UNIT NO.	TAG	FAN QTY	MFG.	LEFT FRONT QTY	LEFT FRONT MODEL	RIGHT FRONT QTY	RIGHT FRONT MODEL	LEFT REAR QTY	LEFT REAR MODEL	RIGHT REAR QTY	RIGHT REAR MODEL
6413-1	AHU-KS1	SF	2	KINETICS	1	FHS-2-250	1	FHS-2-250	1	FHS-2-375	1	FHS-2-375
6413-1	AHU-KS1	THRUST	2	KINETICS	1	HSR-1-625						
6413-2	AHU-KS2	SF	2	KINETICS	1	FHS-2-375	1	FHS-2-375	1	FHS-2-500	1	FHS-2-500
6413-2	AHU-KS2	THRUST	2	KINETICS	1	HSR-1-625						
6413-3	AHU-KS3	SF	1	KINETICS	1	FHS-2-250	1	FHS-2-250	1	FHS-2-250	1	FHS-2-250
6413-3	AHU-KS3	THRUST	1	KINETICS	1	HSR-1-625						

WATER COIL SCHEDULE

Job #	UNIT NO.	TAG	QTY	MFG.	MODEL	FH (IN)	FL (IN)	ROW	FPI	CONN. SIZE (IN)	HAND	TOTAL CFM*	TOTAL MBH*	EAT (°F) DB	EAT (°F) WB	LAT (°F) DB	LAT (°F) WB	APD (in wc)	FV (FPM)	EWT (°F)	LWT (°F)	TOTAL GPM*	WPD (ft)	OPTIONS
6413-1	AHU-KS1	PHC	2	MODINE	5MH0702B	45	54	2	7	2.5	RIGHT	16,200	1137.8	0.0		64.7		0.13	480	165	149	143	5.7	1,2,3,5,6,7,9
6413-1	AHU-KS1	CC	3	MODINE	5WL1010B	33	60	10	10	2.5	RIGHT	16,200	1648	87.7	79.6	50.5	50.5	0.82	393	45	60.2	217	20.7	1,2,4,5,6,7,9
6413-2	AHU-KS2	PHC	3	MODINE	5MS0702B	36	84	2	7	2.5	RIGHT	31,500	2161	0.0		63.3		0.13	500	165	149	278	5.8	1,2,3,5,6,7,9
6413-2	AHU-KS2	CC	3	MODINE	5WH1208B	36	68	8	12	1.5	RIGHT	20,300	694	75.0	62.5	50.5	50.4	0.74	398	45	60	92	11.9	1,2,4,5,6,7,9
6413-3	AHU-KS3	CC	1	MODINE	5WH1108B	39	48	8	11	1.5	RIGHT	5,400	245	80.0	67.0	52.1	52.0	0.78	415	45	59.8	33	10.0	1,2,4,5,6,7,9
6413-3	AHU-KS3	RHC	1	MODINE	5MI0801B	36	48	1	8	1.5	RIGHT	6,000	172	65.0		91.5		0.10	500	180	148	11.08	3.5	1,2,3,5,6,7,9

FILTER MEDIA SCHEDULE

Job #	UNIT NO.	TAG	FULL SIZE FILTER QTY	HALF SIZE FILTER QTY	MFG.	MODEL	MERV (% EFFIC.)	DEPTH	CLIPS	CLIP QTY.	OPTIONS
6413-1	AHU-KS1	PRE	10	0	AMERICAN AIR	PERFECT PLEAT SC M8	8	2"	315-004-000	40	
6413-1	AHU-KS1	FINAL	10	0	AMERICAN AIR	RIGIFIL	14	12"	315-004-003	40	1
6413-2	AHU-KS2	PRE	20	0	AMERICAN AIR	PERFECT PLEAT SC M8	8	2"	315-004-000	80	
6413-2	AHU-KS2	FINAL	20	0	AMERICAN AIR	RIGIFIL	14	12"	315-004-003	80	1
6413-3	AHU-KS3	PRE	4	0	AMERICAN AIR	PERFECT PLEAT SC M8	8	2"	315-004-000	16	
6413-3	AHU-KS3	FINAL	4	0	AMERICAN AIR	RIGIFIL	14	12"	315-004-003	16	1

FILTER FRAME SCHEDULE

S.O. NO.	UNIT NO.	TAG	FULL SIZE QTY	HALF SIZE QTY	MFG.	MODEL	MATERIAL		OPTIONS
6413-1	AHU-KS1	FILTER	10	0	AMERICAN AIR	TYPE-8	GALVANIZED		
6413-2	AHU-KS2	FILTER	20	0	AMERICAN AIR	TYPE-8	GALVANIZED		
6413-3	AHU-KS3	FILTER	4	0	AMERICAN AIR	TYPE-8	GALVANIZED		

DAMPER SCHEDULE

Job #	UNIT NO.	TAG	MFG.	MODEL	QTY.	CFM*	BLADE	WIDTH ** (IN)	HEIGHT (IN)	FACE VELOCITY (FPM)	TORQUE (IN LBS) PER DAMPER	OPTIONS
6413-1	AHU-KS1	FAN-ISO	GREENHECK	VCD-43	2	8,100	PARALLEL	34	34	1,009	84	1,2,3,4,5
6413-1	AHU-KS1	BY-PASS	GREENHECK	VCD-43	2	16,200	OPPOSED	12	120	1,620	75	1,2,3,4,5
6413-2	AHU-KS2	FAN-ISO	GREENHECK	VCD-43	2	17,950	PARALLEL	42	42	1,465	129	1,2,3,4,5
6413-2	AHU-KS2	BY-PASS	GREENHECK	VCD-43	1	20,300	OPPOSED	27	123	880	115	1,2,3,4,5

HRW-1600(N)-MS270A-Seg

Job #	UNIT NO.	TAG	QTY	MFG	MODEL NO.	DESCRIP.	CFM	PURGE	EAT DB (°F)	EAT WB (°F)	LAT DB (°F)	LAT WB (°F)	APD (in wc)	OPTIONS
6413-1	AHU-KS1	PASSIVE	1	DRI	G3MA-2800-200mm	INLET	16200	N/A	95.0	80.0	87.4	79.9	0.93	1,2,3,5
						SUPPLY	16200		50.5	50.4	59.7	51.2	0.93	
6413-7	AHU-KS7	ENERGY REC.	1	DRI	HRW-1700(N)-MS270-Seg	SUMMER	6200	930 CFM	95.0	80.0	74.2	60.1	0.69	2,3,4,5
						WINTER	6200		0.0	-1.5	52.4	41.9	0.69	