	т	300	HOOD SCHEDULE	JLE		
MARK	TYPE & SERVICE MANUFACTURER-MODEL	DESIGN CFM	OVERALL SIZE (L"xW"xH")	THROAT SIZE (L'xw")	PD (IN WC)	REMARKS
GH-1	GRAVITY INTAKE HOOD GRENNHECK-FABRAHOOD	9200				
GH-2	GRAVITY RELIEF HOOD GREEHECK—FABRAHOOD	9200				
KH-1	KILN HOOD	3600				
KH-2	KILN HOOD	4 500				
KH-3	KILN HOOD	5700				
REMARKS: 1. PROVIDE 2. PROVIDE 3. PROVIDE 4. PROVIDE 5. PROVIDE 6. ARCHITE 7. LOWER I 7. LOWER I 8. PROVIDE 9. PROVIDE 10. PROVIDE	REMARKS: 1. PROVIDE BIRDSCREEN. 2. PROVIDE 110 V MOTORIZED DAMPERS. 3. PROVIDE 110 V MOTORIZED DAMPERS. 4. PROVIDE TWO 110 V MOTORIZED DAMPERS. 5. PROVIDE WITH 75W LIGHT BULB, RECALCULATING FAN, ON/OFF SWITCH, FAN SPEED SELECTOR. 6. ARCHITECT TO SELECT COLOR. 7. LOWER LIP NOT TO BE INSTALLED LESS THAN 33 INCHES AND NOT MORE THAN 48 INCHES ABOV. 8. PROVIDE WITH ANSUL R102, SIZE 3.0 FIRE SUPPRESSION SYSTEM AND ASSOCIATED CABINET AND 9. PROVIDE WITH 17.0 INCH HIGH FIELD WRAPPER ON THE FRONT, LEFT AND RIGHT SIDES. 10. PROVIDE WITH 3 INCH BACK STAND—OFF.	S. MPERS. ALCULATIN ESS THAN O FIRE SU O WRAPPER -OFF.	G FAN, ON/OFF SV 33 INCHES AND NO PPRESSION SYSTEM ON THE FRONT, I	WITCH, FAN SPEED OT MORE THAN 48 I AND ASSOCIATED LEFT AND RIGHT S	SELECTO SINCHES CABINET SIDES. TER.	R. ABOVE RANGE. AND PIPING SYSTEM.

DISPOSABLE	DISPOSABLE PRIMARY FILTER
MODEL/TYPE	
EFFICIENCY/TEST METHOD	
CFM/VELOCITY	
SIZE (W" x H" x D")	
RESISTANCE (CL./DIRT.)	
REMARKS:	
1. ENTIRE UNIT SHALL BE DOUBLE WALL CONSTRUCTION. 2. SUPPLY STAINLESS STEEL IAQ CONDENSATE DRAIN PAN.	NSTRUCTION. TE DRAIN PAN. ENTIRE PAN SHALL BE
 PROVIDE STAINLESS STEEL CHILLED WATER COIL CASING. PROVIDE WITH HIGH EFFICIENCY OUTSIDE AIR AND EXHAUST AIR FAN MOTORS. 	R COIL CASING. AIR AND EXHAUST AIR FAN MOTORS.
PROVIDE 6" BASE RAIL UNDER ENTIRE PERIMETER OF UNIT.THESES SYSTEMS ARE SIZED BASED UPON AN AIR LEAKAGE	PROVIDE 6" BASE RAIL UNDER ENTIRE PERIMETER OF UNIT. THESES SYSTEMS ARE SIZED BASED UPON AN AIR LEAKAGE FACTOR. PROVIDE UNIT
מוני סבו היות או לבולים לאום היות אות היות היות היות היות היות היות היות הי	O LICTED TO CLIDDLY DIFFLICEDO MID

AR FAN AR FAN 9200/XXX 9200/XXX 1 WATER COL AIR SIDE R SIDE		וייטבן לבטב
STAPHARE, PAZ SZ00/XXX STAPHARE, PAZ STAPHARE, PAZ STAPHARE, PAZ STAPHARE, PAZ STAPHARE, PAZ SZ00/XXX STAPHARE, PAZ SZ00/XXX STAPHARE, PAZ SZ00/XXX STAPHARE, PAZ SZ00/XXX SZ00/XXX STAPHARE, PAZ SZ00/XXX SZ00/XXX STAPHARE, PAZ SZ00/XXX		PRIMARY
STAPPASE/HZ SZOO/XXX SZOO/XXX STAPPASE/HZ SZOO/XXX SZO		- WINTER
STAPPINGE/HZ STAP		MIXED AIR TEMP — SUMMER (WB/DB)
STAPLES SZOD/XXX SZOD/XXX STAPLES ST		COIL BYPASS CFM @ 50%
ESP EXHAUST AIR FAN CFM/MAX RPM EXHAUST AIR FAN CFM/MAX RPM EXHAUST AIR FAN CFM/MAX RPM BERCY RECOVERY WHEEL IS/PHASE/NZ SIAMER (DB/WB) SIAMER (DB/WB) MINTER (DB/WB) MINTER (DB/WB) MINTER (DB/WB) MINTER (DB/WB) SIAMER (DB/WB) MINTER (DB/WB) MINTER (DB/WB) SIAMER (DB/WB) MINTER (DB/WB) SIAMER (DB/WB) MINTER (DB/WB) SIAMER (DB/WB) MINTER (DB/WB) SIAMER (DB/WB) SIAMER (DB/WB) MINTER (DB/WB) SIAMER (DB/WB) MINTER (DB/WB) SIAMER (DB/WB) SIAMER (DB/WB) MINTER (DB/WB) SIAMER (DB/WB) MINTER (DB/WB) SIAMER (DB/WB) MINTER (DB/WB) SIAMER (DB/WB) MINTER (DB/W	77	80
ESP EXHAUST AR FAN CFN/MAX RPM EXHAUST AR FAN CFN/MAX RPM EXHAUST AR FAN CFN/MAX RPM BERCY RECOVERY WHEEL ITS/PHASE/NZ STARTER BURGY RECOVERY WHEEL ITS/PHASE/NZ METER (DB/WB) SIJAMER (DB/WB) MINTER (DB/WB) M		MAX. WATER PRESSURE DROP (FT HD)
SZOZÓ/XXX SZOZÓ/XX	77	WATER FLOW RATE (GPM)
STAPPIN SZOZÓXXX	<u> </u>	WINTER
EXHAUST AIR FAN EXHAUST AIR SIDE OUTSIDE AIR SIDE OUTSIDE AIR SIDE B) CHELED/HOT WATER COLL BH) (MBH) (MBH) (MBH) (MBH) (MBH) (MS WC) (MS WC)	—	HEATING
EXHAUST AIR FAN EXHAUST AIR SIDE OUTSIDE AIR SIDE OUTSIDE AIR SIDE B) CHILLED/HOT WATER COIL BH) (MBH) (MBH) (MBH) (MS WC) PZ00/XXX	<u> </u>	TOTAL HEATING CAP. (MBH)
EXHAUST AIR FAN EXHAUST AIR FAN SEXHAUST AIR SIDE OUTSIDE AIR SIDE OUTSIDE AIR SIDE OUTSIDE AIR SIDE OUTSIDE AIR SIDE CHILED/HOT WATER COL B) CHILED/HOT WATER COL (MBH) (MBH		LAT — SUMMER (DB/WB)
ENERGY RECOVERY WHEEL OUTSIDE AIR SIDE OUTSIDE AIR SIDE OUTSIDE AIR SIDE OUTSIDE AIR SIDE EXHAUST AIR SIDE CHILLED/HOT WATER COIL BH) (MBH) (MBH)		- SUMMER
EXHAUST AIR FAN EXHAUST AIR FAN 9200/xxx		- COOLING
EXHAUST AIR FAN EXHAUST AIR SIDE OUTSIDE AIR SIDE B) RETURN AIR SIDE EXHAUST AIR SIDE OUTSIDE AIR SIDE	•	RESSURE DROP (INS
EXHAUST AR FAN EXHAUST AR FAN 9200/xxx 9200/xx 9200/xxx 9200/xxx 9200/xxx 9200/xxx 9200/xx 9200/x		MAX. FACE VELOCITY
EXHAUST AIR FAN EXHAUST AIR SIDE OUTSIDE AIR SIDE OUTSIDE AIR SIDE OUTSIDE AIR SIDE CHILLED/HOT WATER COIL BH) CHILLED/HOT WATER COIL	•	IBLE COULING CAP.
B) CHILED/HOT WATER COIL		TOTAL COOLING CAP. (MBH)
EXHAUST AR FAN EXHAUST AR SIDE OUTSIDE AIR SIDE B) RETURN AIR SIDE EXHAUST AIR SIDE EXHAUST AIR SIDE	,	WATER
EXHAUST AIR FAN EXHAUST AIR SIDE OUTSIDE AIR SIDE RETURN AIR SIDE EXHAUST AIR SIDE EXHAUST AIR SIDE	77	WINTER
EXHAUST AIR FAN EXHAUST AIR SIDE OUTSIDE AIR SIDE RETURN AIR SIDE EXHAUST AIR SIDE EXHAUST AIR SIDE		- SUMMER
EXHAUST AIR FAN EXHAUST AIR SIDE OUTSIDE AIR SIDE B) RETURN AIR SIDE EXHAUST AIR SIDE		2
EXHAUST AIR FAN EXHAUST AIR FAN EXHAUST AIR FAN 9200/xxx 9200/xxx 9200/xxx 9200/xxx 9200/xxx 9200/xxx 9200/xxx	1	
EXHAUST AIR FAN EXHAUST AIR FAN 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX	Ι.	WINTER
EXHAUST AIR FAN EXHAUST AIR FAN 9200/xxx 9200/xxx 9200/xxx 9200/xxx B) RETURN AIR SIDE		- SUMMER
EXHAUST AIR FAN EXHAUST AIR FAN 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX	T	
EXHAUST AIR FAN EXHAUST AIR FAN EXHAUST AIR FAN 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX		RETURN AIR
EXHAUST AIR FAN EXHAUST AIR FAN 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX		- WINTER
EXHAUST AIR FAN EXHAUST AIR FAN 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX 9200/XXX	-	WINTER
EXHAUST AIR FAN EXHAUST AIR FAN 9200/XXX 9200/XXX 9200/XXX 9200/XXX OUTSIDE AIR SIDE		- SUMMER
EXHAUST AIR FAN 9200/XXX 9200/XXX 9200/XXX 9200/XXX 900/XXX	<u> </u>	- SIJMMFR
EXHAUST AIR FAN 9200/XXX 9200/XXX 9200/XXX	(0	OUISIDE AIR
EXHAUST AIR FAN 9200/XXX 920	T	
EXHAUST AIR FAN EXHAUST AIR FAN 9200/XXX 9200/XXX 9200/XXX	(0	HP/VOLTS/PHASE/HZ
EXHAUST AIR FAN 9200/XXX 9200/XXX		RECOVERY
9200/XXX EXHAUST AIR FAN 9200/XXX	(0	DRIVE/STARTER
9200/XXX 9200/XXX 9200/XXX	<u> </u>	HP/VOLTS/PHASE/HZ
9200/XXX 9200/XXX 9200/XXX	(0	
9200/XXX 9200/XXX 9200/XXX	<u> </u>	
9200/XXX 9200/XXX EXHAUST AIR FAN	(0	
9200/XXX	<u> </u>	₽
9200/XXX	(0	DRIVE/STARTER
9200/XXX		HP/VOLTS/PHASE/HZ
9200/xxx		\
9200/xxx	<u>, </u>	TYPE
9200/XXX		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		

REMARKS: 1. PROVID 2. PROVID 3. PROVID 4. PROVID 5. PROVID 6. FAN SH 7. ACCEPT	EF-6	EF-5	EF-4	EF-3	EF-2	EF-1	MARK		
RKS: OVIDE W OVIDE W OVIDE W OVIDE W	-6	-5	-4	-3	-2	-1	<i></i>		
ITH BACKDRAI ITH INSULATEI ITH NEC DISC ITH UNIT MOU ITH MOTORIZE BE AMCA SF BE AMCACTU							MFG.		
T DAMPER. D ROOF CURE ONNECT. JUTED SPEED ID DAMPER. VARK RESISTA							MODEL		
REMARKS: PROVIDE WITH BACKDRAFT DAMPER. PROVIDE WITH INSULATED ROOF CURB TO EXTEND 12" ABOVE FINISHED ROOF. PROVIDE WITH NEC DISCONNECT. PROVIDE WITH UNIT MOUNTED SPEED CONTROL FOR BALANCING PURPOSES. PROVIDE WITH MOTORIZED DAMPER. PROVIDE WITH MOT							SERVICE		
/E FINISHED ROOF ING PURPOSES.							TYPE	VENT	
							CFM	ILATI	
SHALL BE							ESP)N FA	
CLASS 1 DI							RPM	N SCI	
VISION 1.							HP	VENTILATION FAN SCHEDULE	
							ELECTRICAL		
							DRIVE		
							STARTER/ DISC SW.		
							MAX SONE		
							RE		

SYMBOL	MANUF. & MODEL	MATERIAL & TYPE	CFM FANGE	OVERALL FACE SIZE	NECK SIZE	INLET DUCT SIZE	P.D.	N C	REMARKS
S-1	TITUS MP SLOT	LINEAR SLOT DIFFUSER 1 SLOT, 1" SLOTS ALUMINUM	0-100	4'×6"	œ <u>*</u>	œ,	.05	<u>1</u> 5	3 , 5
S-2	TITUS MP39 SLOT	LINEAR SLOT DIFFUSER 2 SLOT, 1" SLOTS ALUMINUM	101-225	4'x6"	12"	12"	.05	28	3, 5
S-3	TITUS MP39 SLOT	LINEAR SLOT DIFFUSER 4 SLOT, 1" SLOTS	226-325	4'×6"	12"	Φ,	.05	25	3, 5
S-4	TITUS FL15—JT	LINEAR SLOT DIFFUSER 4 SLOT, 1" SLOTS ALUMINUM	326-500	12"	5'X8"	12"	.05	26	3 , 5
S – 5	TITUS FL20—HT	LINEAR SLOT DIFFUSER 1 SLOT, 2" SLOT ALUMINUM	300-425	4'X6"	12"	12"	.05	25	3, 5
S-6	TITUS 300FL	HEAVY DUTY SIDEWALL ADJUSTABLE DOUBLE DEFLECTION GRILLE	0-225	12X6	14X8	12X6	.05	25	3
S-7	TITUS 300FL	HEAVY DUTY SIDEWALL ADJUSTABLE DOUBLE DEFLECTION GRILLE	1000-1250	28X12	30X14	28X12	.05	25	3
& &	TITUS CT480	ALUMINUM SIDEWALL BAR GRILLE DEFLECTION GRILLE	300-500	24X10	26X12	24X10	.05	25	4
S – 9	TITUS CT580	ALUMINUM SIDEWALL BAR GRILLE DEFLECTION GRILLE	1000-1250	6'X6"	6'X6"	6'X6"	.05	27	4
S-10	TITUS 300FL	HEAVY DUTY SIDEWALL ADJUSTABLE DOUBLE DEFLECTION GRILLE	226-350	12X6	14X8	12X6	.05	27	3
R – 1	TITUS 50F	ALUMINUM 1/2" EGG CRATE	0-100	24X24	o"ø	G"ø	.05	25	IJ
R-2	TITUS 50F	ALUMINUM 1/2" EGG CRATE	0-225	24X24	ఇ	8 %	.05	25	W
R-3	TITUS 50F	ALUMINUM 1/2" EGG CRATE	226-375	24X24	10"ø	10"ø	.05	25	3
R-4	TITUS 50F	ALUMINUM 1/2" EGG CRATE	376-600	24X24	12"ø	12"ø	.05	25	3
R-5	TITUS 50F	ALUMINUM 1/2" EGG CRATE	601-950	24X24	14ø	14ø	.05	25	3
R 6	TITUS 50F	ALUMINUM 1/2" EGG CRATE	951-1200	24X24	16ø	16ø	.05	25	3
R-7	TITUS 350FL	HEAVY DUTY EXTRUDED ALUMINIUM SIDEWALL RETURN	751-2500	42X16	44X18	44X16	.05	25	З
R-8	TITUS 350FL	ALUMINIUM SIDEWALL RETURN	2500-3500	30X36	32X38	35X0£	.05	25	3
R-9	TITUS 350FL	HEAVY DUTY EXTRUDED RETURN	0-750	18X12	20X14	18X12	.05	25	3
R-10	TITUS 350FL	ALUMINIUM SIDEWALL RETURN EXTRUDED	2000	30X12	20X14	18X12	.05	25	3
R-11	TITUS MLR39	LINEAR SLOT DIFFUSER 6 SLOT, 1" SLOTS RETURN	1200	6'X8"	6'X8"	6'X8"	.07	18	3
R-12	TITUS 350FL	HEAVY DUTY EXTRUDED ALUMINIUM SIDEWALL RETURN	400	14"\X8"	16"X8"	14"X8"	.07	18	3
E – 1	TITUS 50F	ALUMINUM 1/2" EGG CRATE	0-100	24X24	თ ზ	o" &	.05	25	W
E-2	TITUS 50F	ALUMINUM 1/2" EGG CRATE	0-225	24X24	8 %	8 %	.05	25	S
E-3	TITUS 50F	ALUMINUM 1/2" EGG CRATE	226-375	24X24	10"ø	10"ø	.05	25	3
E-4	TITUS 350FL	HEAVY DUTY EXTRUDED ALUMINIUM SIDEWALL RETURN	751—2500	42X16	44X18	44X16	.05	25	и
T-1	TITUS 350FL	HEAVY DUTY EXTRUDED ALUMINIUM SIDEWALL RETURN	0-750	18X12	20X14	18X12	.05	25	3
REMARKS: HEAVY DUT		HEAVY DUTY EXTRUDED				COMMENTS:			

REMARKS 1. PROVIDE ACCESS DOORS TO ACCESS ALL SECTIONS OF AIR HANDLING UNITS. 2. PROVIDE 3/4" DRAINS WITH CAPPED HOSE CONNECTION ON ALL COILS. 3. PROVIDE 1/2" AIR VENTS ON ALL COILS. 4. COILS SHALL BE 100% DRAINABLE. 5. INDEPENDENTLY REMOVABLE COILS. 6. PROVIDE MARINE LIGHTS AND CONVENIENCE OUTLETS AS INDICATED ON SECTIONS.
UNIT RETURN COMPONENTS FOR AHU:
SUPPLY FAN OUTLET
CASTING RADIATION
RATED :
MAX. VELOCITY (FPM) SIZE (SQ. FT.)
FILTE
FIN SPACING (FINS/FT) SA TEMP MORNING WARM UP (F) — —
MAX. WATER PRESSURE DROP (FT) INTERNAL FACE & BYPASS
MAX. FACE VELOCITY (FPM) MAX. AIR PRESSURE DROP (IN. WG.) WATER FLOW RATE (GPM)
EWT/LWT (F) HEATING EWT/LWT (F) HEATING
TOTAL HEATING CAP. (MBH) ——— EAT (F) HEATING
T
FIN SPACING (FINS/FT) SA TEMP MORNING WARM UP (F)
MAX. WATER PRESSURE DROP (FT) INTERNAL FACE & BYPASS
<u>≘</u>
EAT (F) HEATING
HOT WATER COIL- PREHEAT
COIL ROWS/NO. OF COILS FIN SPACING (FINS/FT)
OW RATE (GPM)
(F) COOLING E VELOCITY (FPM)
LAT (DB/WB) (F) COOLING LAT (DB/WB) (F) COOLING
TOTAL COOLING CAP. (MBH) SENSIBLE COOLING CAP. (MBH)
DRIVE VAR. FREQ. DRIVE
MOTOR HP/BHP
T. I
RETURN AIR FAN
VAR. FREQ. DRIVE
T.S.P./E.S.P. (IN WG)
SA CFM 44000 MIN. OUTSIDE AIR CFM
SUPPLY AIR FAN
NOM. SIZE LxWxH (IN.)
CONFIGURATION SERVICE
UFACTURER/MODEL V.
SYMBOL AHU-1

Job Number: 1205

UNIVERSITY LOFTS - Renovate Academic Facility UK School of Art & Visual Studies

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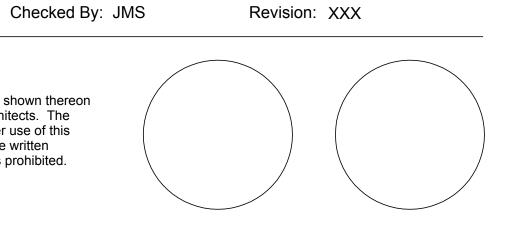
MECHANICAL SCHEDULES

212 North Upper Street Lexington, Kentucky 40507-1001 p 859.252.6664 f 859.253.2358 www.omniarchitects.com

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Drawn By: CE/CRK

Date: 03/2013



ENERGY RECOVERY UNIT