

National TAB

Project: NKU Fine Arts and Nunn Hall (Highland Heights, KY)



System/Unit: AHU/RTU

Asset: (E) AC-3

AREA:1

Unit Data		
	Design	Actual
MFG	NA	NA
Serial Num	-	
Model Num	NA	NA
Configuration	-	
OA Filter Size 1	-	
Num OA Filters 2	-	
OA Filter Size 2	-	
Num PreFilter 1	-	
PreFilter Size 1	-	
Num PreFilter 2	-	
PreFilter Size 2	-	
Num Final Filter 1	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	Actual
SF CFM	22415	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Motor Freq(HZ)	-	
SF System SetPt	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	
Pre-Filter P.D.	-	
Cooling Coil P.D.	-	

National TAB

Project: NKU Fine Arts and Nunn Hall (Highland Heights, KY)

AHU/RTU



VAV - Single Duct

(E) AC-3/1

Asset											
Asset Name	MFG	Model Num	Type	Inlet Size	Design Max CFM	Max CFM	Design Min CFM	Min CFM	Design Heat CFM	Heat CFM	Ak (max)
V3-300	TITUS	DESV	REHEAT	6	275		75		125		
V3-304	TITUS	DESV	REHEAT	10	800		300		480	480	
V3-306	TITUS	DESV	REHEAT	10	400		250		410		
V3-307	TITUS	DESV	REHEAT	8	400		175		300		
V3-309	TITUS	DESV	REHEAT	10	400		250		400		
V3-310	TITUS	DESV	REHEAT	12	1480		450		450		
V3-311	TITUS	DESV	REHEAT	12	1480		500		500		
V3-312	TITUS	DESV	REHEAT	12	1480		450		500		
V3-313	TITUS	DESV	REHEAT	12	1480		500		500		
V3-317	TITUS	DESV	REHEAT	10	625		200		625		
V3-319	TITUS	DESV	REHEAT	6	200		75		100		
V3-320	TITUS	DESV	REHEAT	12	1200		375		630		
V3-325	TITUS	DESV	REHEAT	6	150		50		75		
V3-326	TITUS	DESV	REHEAT	8	400		125		350		
V3-329	TITUS	DESV	REHEAT	8	300		75		150		
V3-309A 1	TITUS	DESV	REHEAT	6	275		100		225		
V3-310A 1	TITUS	DESV	REHEAT	8	750		225		225		
V3-314A 1	TITUS	DESV	REHEAT	12	1260		375		375		
V3-314B 1	TITUS	DESV	REHEAT	10	1080		325		325		
V3-314C 1	TITUS	DESV	REHEAT	14	1540		525		525		
V3-314D 1	TITUS	DESV	REHEAT	10	1040		300		300		
V3-322A 1	TITUS	DESV	REHEAT	12	1125		350		500		
V3-322B 1	TITUS	DESV	REHEAT	12	1125		350		500		
V3-324A 1	TITUS	DESV	REHEAT	12	1710	400	400		400		
V3-324B 1	TITUS	DESV	REHEAT	12	1440		400		400		

Diffuser Supply (GRD)

V3-300/306

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3300-1	302	S-1	6	75			-
3300-2	303	S-1	6	75			-
3300-3	300	S-2	8	125			-
Total				275	0	0	0%

V3-304/305

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3304-1	100CC	S-2	8	200			-
3304-2	304	S-2	8	150			-
3304-3	304	S-2	8	150			-
3304-4	305	S-2	8	150			-
3304-5	304	S-2	8	150			-
Total				800	0	0	0%

V3-306/307

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3306-1	306	S-2	8	200			-
3306-2	306	S-2	8	200			-
Total				400	0	0	0%

V3-307/309

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3307-1	307	S-2	8	200			-
3307-2	307	S-2	8	200			-
Total				400	0	0	0%

V3-309/309

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3309-1	309	S-2	8	200			-
3309-2	309	S-2	8	200			-
Total				400	0	0	0%

V3-309A 1/310

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3309A-1	309A	S-1	6	100			-
3309A-2	309B	S-2	8	175			-
Total				275	0	0	0%

V3-310/310

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3310-1	310	EX-SA		370			-
3310-2	310	EX-SA		370			-
3310-3	310	EX-SA		370			-
3310-4	310	EX-SA		370			-
Total				1480	0	0	0%

V3-310A 1/LOUNGE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3310A-1	100CCC			375			-
3310A-2	100CCC			375			-
Total				750	0	0	0%

V3-311/312

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3311-1	311	EX-SA		370			-
3311-2	311	EX-SA		370			-
3311-3	311	EX-SA		370			-
3311-4	311	EX-SA		370			-
Total				1480	0	0	0%

V3-312/312

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3312-1	312	EX-SA		370			-
3312-2	312	EX-SA		370			-
3312-3	312	EX-SA		370			-
3312-4	312	EX-SA		370			-
Total				1480	0	0	0%

V3-313/313

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3313-1	313	EX-SA		370			-
3313-2	313	EX-SA		370			-
3313-3	313	EX-SA		370			-
3313-4	313	EX-SA		370			-
Total				1480	0	0	0%

V3-314A 1/LOUNGE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3314A-1	VENDING	EX-SA		315			-
3314A-2	LOUNGE	EX-SA		315			-
3314A-3	LOUNGE	EX-SA		315			-
3314A-4	LOUNGE	EX-SA		315			-
Total				1260	0	0	0%

V3-314B 1/LOUNGE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3314B-1	LOUNGE	EX-SA		220			-
3314B-2	LOUNGE	EX-SA		220			-
3314B-3	LOUNGE	EX-SA		220			-
3314B-4	LOUNGE	EX-SA		220			-
3314B-5	LOUNGE	EX-SA		200			-
Total				1080	0	0	0%

V3-314C 1/LOUNGE

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3314C-1	LOUNGE	EX-SA		385			-
3314C-2	LOUNGE	EX-SA		385			-
3314C-3	LOUNGE	EX-SA		385			-
3314C-4	LOUNGE	EX-SA		385			-
Total				1540	0	0	0%

V3-314D 1/322

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3314D-1	LOUNGE	EX-SA		260			-
3314D-2	LOUNGE	EX-SA		260			-
3314D-3	LOUNGE	EX-SA		260			-
3314D-4	LOUNGE	EX-SA		260			-
Total				1040	0	0	0%

V3-317/327

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3317-1	317	S-2	8	225			-
3317-2	316	S-3	10	250			-
3317-3	327	S-2	8	150			-
Total				625	0	0	0%

V3-319/318

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3319-1	319	S-1	6	100			-
3319-2	318	S-1	6	100			-
Total				200	0	0	0%

V3-320/320

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3320-1	320	S-3	10	300			-
3320-2	320	S-3	10	300			-
3320-3	320	S-3	10	300			-
3320-4	320	S-3	10	300			-
Total				1200	0	0	0%

V3-322A 1/322

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3322A-1	322	S-3	10	375			-
3322A-2	322	S-3	10	375			-
3322A-3	322	S-3	10	375			-
Total				1125	0	0	0%

V3-322B 1/324

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3322B-1	322	S-3	10	375			-
3322B-2	322	S-3	10	375			-
3322B-3	322	S-3	10	375			-
Total				1125	0	0	0%

V3-324A 1/324

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3324A-1	324	EX-SA		285			-
3324A-2	324	EX-SA		285			-
3324A-3	324	EX-SA		285			-
3324A-4	324	EX-SA		285			-
3324A-5	324	EX-SA		285			-
3324A-6	324	EX-SA		285			-
Total				1710	0	0	0%

V3-324B 1/324

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3324B-1	324	EX-SA		360			-
3324B-2	324	EX-SA		360			-
3324B-3	324	EX-SA		360			-
3324B-4	324	EX-SA		360			-
Total				1440	0	0	0%

V3-325/325

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3325-1	323	S-1	6	75			-
3325-2	325	S-1	6	75			-
Total				150	0	0	0%

V3-326/329

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3326-1	326	S-2	8	200			-
3326-2	326	S-2	8	200			-
Total				400	0	0	0%

V3-329/329

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
3329-1	314	S-1	6	100			-
3329-2	314	S-1	6	100			-
3329-3	329	S-1	6	100			-
Total				300	0	0	0%

National TAB

Project: NKU Fine Arts and Nunn Hall (Highland Heights, KY)



System/Unit: AHU/RTU

Asset: (E) AC-4

AREA:FLOOR 4

Unit Data		
	Design	Actual
MFG	NA	NA
Serial Num	-	
Model Num	NA	NA
Configuration	-	
OA Filter Size 1	-	
Num OA Filters 2	-	
OA Filter Size 2	-	
Num PreFilter 1	-	
PreFilter Size 1	-	
Num PreFilter 2	-	
PreFilter Size 2	-	
Num Final Filter 1	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Rated Voltage	-	
Rated Amperage	-	
Service Factor	-	

Drive Data	
	Actual
Motor Sheave Size	
Motor Bore Size	
Motor Sheave SetPt	
Fan Sheave Size	
Fan Sheave Bore	
Belt CL Distance	
Num of Belts	
Belt Size	

Test Data		
	Design	Actual
SF CFM	-	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
SF Motor Freq(HZ)	-	
SF System SetPt	-	
Min OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	
Pre-Filter P.D.	-	
Cooling Coil P.D.	-	