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Report: TEST

Function: Test, Adjust, & Balance

Date: 02/20/2026

Completed By: National TAB

PROJECT

GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)

8556 Trade Center Dr

West Chester, OH 45011

Client

Geiler HVAC & Controls

6561 Glenway Ave

Cincinnati, OH 45211

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: AHU/RTU

Asset: RTU-6

AREA: CERAMIC FIRE 107

Unit Data		
	Design	Actual
MFG	NA	NA
Serial Num	-	
Model Num	NA	NA
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num PreFilter 1	-	
PreFilter Size 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	-	
Relief CFM	-	
RL Voltage	-	
RL Amperage	-	
OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	
Cooling Coil P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)

AHU/RTU



Diffuser Supply (GRD)

RTU-6/CERAMIC FIRE 107

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
6-1	CERAMIC FIRE 107	SR-2	31X11	1350			-
6-2	EPIC PRINT 108	SR-2	31X11	1350			-
6-3	CORRIDOR 102	SR-2	19X11	1125			-
6-4	EPIC PRINT 108	SR-2	31X11	1350			-
Total				5175	0	0	0%

Diffuser Ret/Exh (GRD)

RTU-6/CERAMIC FIRE 107

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
R6-1	CORRIDOR 102	RR-1	30X24	1685				-
R6-2	CORRIDOR 102	RR-1	30X24	1680				-
R6-3	CORRIDOR 102	RR-1	30X24	1680				-
Total				5045		0	0	0%

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: AHU/RTU

Asset: RTU-28

AREA:OFFICE 264

Unit Data		
	Design	Actual
MFG	NA	NA
Serial Num	-	
Model Num	NA	NA
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num PreFilter 1	-	
PreFilter Size 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	-	
Relief CFM	-	
RL Voltage	-	
RL Amperage	-	
OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	
Cooling Coil P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

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AHU/RTU

VAV - Single Duct

RTU-28/OFFICE 264

Asset	
Asset Name	Design Max CFM
EX-V-28-1	300

Diffuser Ret/Exh (GRD)

RTU-28/OFFICE 264

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
R28-1	OFFICE	EX RG	15					
Total				0		0	0	0%

Diffuser Supply (GRD)

EX-V-28-1/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design	
28-1-1	OFFICE 264	EX CD	10	100			-	
28-1-2	OFFICE 265	CD-1	6	100			-	
28-1-3	OFFICE 266	EX CD	10	100			-	
Total				300	0	0	0%	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: AHU/RTU

Asset: RTU-29

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Serial Num	-	
Model Num	NA	NA
Configuration	-	
Num OA Filters 1	-	
OA Filter Size 1	-	
Num PreFilter 1	-	
PreFilter Size 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	-	
Relief CFM	-	
RL Voltage	-	
RL Amperage	-	
OA Damper Position	-	
Brake Horse Power	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	-	
Fan Total SP	-	
Cooling Coil P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



AHU/RTU

VAV - Single Duct

RTU-29/

Asset	Design Max CFM
Asset Name	
EX-V-29-1	500
V29-42	410
V29-63	180
V29-64	500

Diffuser Ret/Exh (GRD)

RTU-29/

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
R29-1	HUDDLE 268	RG-1	22X22	150				-
R29-2	OFFICES	EX RG	22X22	260				-
R29-3	OFFICE 267	EX RG	22X22	150				-
Total				560		0	0	0%

Diffuser Supply (GRD)

EX-V-29-1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
29-1-1	EXT. CONFERENCE 223	CD-1	8	250			-
29-1-2	EXT. CONFERENCE 223	CD-1	8	250			-
Total				500	0	0	0%

V29-42/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
29-42-1	HUDDLE 268	CD-1	8	150			-
29-42-2	OFFICE 267	CD-1	8	150			-
29-42-3	OFFICES	EX CD	8	110			-
Total				410	0	0	0%

V29-63/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
29-63-1	OFFICE 261	CD-1	6	60			-
29-63-2	OFFICE 262	CD-1	6	60			-
29-63-3	OFFICE 263	CD-1	6	60			-
Total				180	0	0	0%

V29-64/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
29-64-1	CONFERENCE 260	EX CD	10	250			-
29-64-2	CONFERENCE 260	EX CD	10	250			-
Total				500	0	0	0%

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System/Unit: FAN - Exhaust

Asset: EF-10

AREA: CERAMIC FIRE 107

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	HPF
Serial Num	-	
Type	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	200	
Fan RPM	357	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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System/Unit: FAN - Exhaust

Asset: EF-11

AREA:PRINT CLEAN 101

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	TFE
Serial Num	-	
Type	INLINE CENTRIFUGAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	800	
Fan RPM	1995	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-12

AREA: MATERIAL STORAGE 100

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	TFE
Serial Num	-	
Type	INLINE CENTRIFUGAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	800	
Fan RPM	1995	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-13

AREA:PRINT CLEAN 101

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	TFE
Serial Num	-	
Type	INLINE CENTRIFUGAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	800	
Fan RPM	1995	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-14

AREA:MIX INSPECTION 109

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	DCV
Serial Num	-	
Type	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	600	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-15

AREA:MIX-RAW PROCESSING 110

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	DCV
Serial Num	-	
Type	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	600	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-16

AREA:MIX-RAW PROCESSING 110

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	DCV
Serial Num	-	
Type	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	600	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-17

AREA: CERAMIC FIRE 107

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	BCV
Serial Num	-	
Type	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	525	
Fan RPM	1205	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-17/CERAMIC FIRE 107

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E17-1	CERAMIC FIRE 107		10	525				-
Total				525		0	0	0%

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-18

AREA: CERAMIC FIRE 107

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	TFE
Serial Num	-	
Type	INLINE CENTRIFUGAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	800	
Fan RPM	1681	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-18/CERAMIC FIRE 107

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E18-1	CERAMIC FIRE 107		14	800				-
Total				800		0	0	0%

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-19

AREA: CERAMIC FIRE 107

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	TFE
Serial Num	-	
Type	INLINE CENTRIFUGAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	800	
Fan RPM	1871	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-20

AREA: CERAMIC FIRE 107

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	TFE
Serial Num	-	
Type	INLINE CENTRIFUGAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	800	
Fan RPM	1707	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-20/CERAMIC FIRE 107

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E20-1	CERAMIC FIRE 107		14	800				-
Total				800		0	0	0%

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-21

AREA:FOUNDRY 104

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	BCV
Serial Num	-	
Type	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	545	
Fan RPM	409	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-22

AREA:FOUNDRY 104

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	BCV
Serial Num	-	
Type	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	1100	
Fan RPM	934	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-23

AREA: MATERIAL STORAGE 100

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	TFE
Serial Num	-	
Type	INLINE CENTRIFUGAL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	800	
Fan RPM	1825	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-24

AREA: MATERIAL STORAGE 100

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	BCV
Serial Num	-	
Type	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	1100	
Fan RPM	910	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-24/MATERIAL STORAGE 100

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E24-1	MATERIAL STORAGE 100	EG-2	14X12	550				-
E24-2	MATERIAL STORAGE 100	EG-2	14X12	550				-
Total				1100		0	0	0%

National TAB

Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-25

AREA:MIX-RAW PROCESSING 110

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	BCV
Serial Num	-	
Type	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	2340	
Fan RPM	1580	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-25/MIX-RAW PROCESSING 110

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E25-1	MIX-RAW PROCESSING 110	EG-1	22X22	585				-
E25-2	MIX-RAW PROCESSING 110	EG-1	22X22	585				-
E25-3	MIX-RAW PROCESSING 110	EG-1	22X22	585				-
E25-4	MIX-RAW PROCESSING 110	EG-1	22X22	585				-
Total				2340		0	0	0%

National TAB

Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-26

AREA: CERAMIC FIRE 107

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	BCV
Serial Num	-	
Type	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	525	
Fan RPM	781	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

National TAB

Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-26/CERAMIC FIRE 107

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E26-1	CERAMIC FIRE 107		10	525				-
Total				525		0	0	0%

National TAB

Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Exhaust

Asset: EF-27

AREA:MEZZANINE 110M

Unit Data		
	Design	Actual
MFG	NA	TCF
Model Num	NA	DCRD
Serial Num	-	
Type	CENTRIFUGAL ROOF EXHAUSTER, DOWNBLAST	

Test Data		
	Design	Actual
CFM	425	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	

National TAB

Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)

FAN - Exhaust



Diffuser Ret/Exh (GRD)

EF-27/MEZZANINE 110M

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E27-1	MEZZANINE 110M	EG-1	11X9	210				-
E27-2	MEZZANINE 110M	EG-1	11X9	210				-
Total				420		0	0	0%

National TAB

Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Supply

Asset: MAU-1

AREA:

Unit Data		
	Design	Actual
MFG	NA	TRANE
Model Num	NA	OANG080B3
Serial Num	-	
Type	-	
Configuration	HORIZONTAL	
Num Filters Size 1	-	
Filter Size 1	-	

Test Data		
	Design	Actual
CFM	9000	
SF RPM	1620	
Motor Frequency	-	
SF System SetPt	-	
RL Voltage	460	
RL Amperage	158.3	
Suction ESP	-	
Discharge ESP	-	
Total ESP	2.00	
Brake Horse Power	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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	

National TAB

Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



FAN - Supply

Diffuser Supply (GRD)

MAU-1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
M1-1	PREP-DIP 103	SG-1	18X18	630			-
M1-2	PREP-DIP 103	SG-1	18X18	630			-
M1-3	PREP-DIP 103	SG-1	18X18	630			-
M1-4	PREP-DIP 103	SG-1	18X18	630			-
M1-5	EPIC PRINT 108	SR-2	31X11	1210			-
M1-6	EPIC PRINT 108	SR-2	31X11	1210			-
M1-7	MIX INSPECTION 109	CD-1	8	330			-
M1-8	MIX-RAW PROCESSING 110	CD-1	10	370			-
M1-9	MIX-RAW PROCESSING 110	CD-1	10	370			-
M1-10	MIX-RAW PROCESSING 110	CD-1	10	370			-
M1-11	MIX-RAW PROCESSING 110	CD-1	10	370			-
M1-12	MIX-RAW PROCESSING 110	CD-1	10	370			-
M1-13	MIX-RAW PROCESSING 110	CD-1	10	370			-
M1-14	MIX-RAW PROCESSING 110	CD-1	10	375			-
M1-15	MIX-RAW PROCESSING 110	CD-1	10	375			-
M1-16	MIX-RAW PROCESSING 110	CD-1	10	375			-
M1-17	MIX-RAW PROCESSING 110	CD-1	10	375			-
Total				8990	0	0	0%

National TAB

Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: FAN - Supply

Asset: MAU-2

AREA:

Unit Data		
	Design	Actual
MFG	NA	TRANE
Model Num	NA	OANG080B3
Serial Num	-	
Type	-	
Configuration	HORIZONTAL	
Num Filters Size 1	-	
Filter Size 1	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
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
CFM	9000	
SF RPM	1620	
Motor Frequency	-	
SF System SetPt	-	
RL Voltage	460	
RL Amperage	158.3	
Suction ESP	-	
Discharge ESP	-	
Total ESP	2.00	
Brake Horse Power	-	

National TAB

Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



FAN - Supply

Diffuser Supply (GRD)

MAU-2/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
M2-1	FOUNDRY 104	SR-2	31X11	1065			-
M2-2	FOUNDRY 104	SR-2	31X11	1065			-
M2-3	FOUNDRY 104	SR-2	31X11	1060			-
M2-4	I&M INSPECTION ROOM 105	CD-1	10	390			-
M2-5	I&M INSPECTION ROOM 105	CD-1	10	390			-
M2-6	I&M INSPECTION ROOM 105	CD-1	10	390			-
M2-7	I&M INSPECTION ROOM 105	CD-1	10	390			-
M2-8	I&M INSPECTION ROOM 105	CD-1	10	390			-
M2-9	I&M INSPECTION ROOM 105	CD-1	10	395			-
M2-10	PRINT CLEAN 101	CD-1	10	400			-
M2-11	PRINT CLEAN 101	CD-1	10	400			-
M2-12	PRINT CLEAN 101	CD-1	10	400			-
M2-13	PRINT CLEAN 101	CD-1	10	400			-
M2-14	MATERIAL STORAGE 100	CD-1	10	400			-
M2-15	MATERIAL STORAGE 100	CD-1	10	400			-
M2-16	MATERIAL STORAGE 100	CD-1	10	385			-
Total				8320	0	0	0%

National TAB

Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)



System/Unit: Fan Coil

Asset: EVAP-2

AREA:

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Type	DUCTED	
Num Filters Size 1	-	
Filter Size 1	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	
Service Factor	-	
Brake Horse Power	-	

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

Test Data		
	Design	Actual
SFAN CFM	1480	
SFAN RPM	-	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	208	
RL Amperage	-	
RA CFM	1480	
OA CFM	-	

Performance Data		
	Design	Actual
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
EAT (db/wb)	-	
LAT (db/wb)	-	

National TAB

Project: GE Aerospace Colibrium Office & Lab Exp (West Chester, OH)

Fan Coil



Diffuser Supply (GRD)

EVAP-2/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
F2-1	MEZZANINE 110M	SR-2	11X9	370			-
F2-2	MEZZANINE 110M	SR-2	11X9	370			-
F2-3	MEZZANINE 110M	SR-2	11X9	370			-
F2-4	MEZZANINE 110M	SR-2	11X9	370			-
Total				1480	0	0	0%