



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## System/Unit: FAN - Exhaust

Asset: EF-107

AREA:100 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SBE-2L54-20
Serial Num	-	
Type	SIDEWALL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2.0	
Motor Rpm	1725	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	3.4
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	14600	
Fan RPM	362	
RL Voltage	460	
RL Amperage	3.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-108

AREA:100 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SBE-2L54-20
Serial Num	-	
Type	SIDEWALL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2.0	
Motor Rpm	1725	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	3.4
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	14600	
Fan RPM	362	
RL Voltage	460	
RL Amperage	3.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-109

AREA:100 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SBE-2L54-20
Serial Num	-	
Type	SIDEWALL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2.0	
Motor Rpm	1725	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	3.4
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	14600	
Fan RPM	362	
RL Voltage	460	
RL Amperage	3.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-110

AREA:100 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SBE-2L54-20
Serial Num	-	
Type	SIDEWALL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2.0	
Motor Rpm	1725	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	3.4
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	14600	
Fan RPM	362	
RL Voltage	460	
RL Amperage	3.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-111

AREA:100 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SBE-2L54-20
Serial Num	-	
Type	SIDEWALL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2.0	
Motor Rpm	1725	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	3.4
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	14600	
Fan RPM	362	
RL Voltage	460	
RL Amperage	3.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-112

AREA:100 HANGAR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SBE-2L54-20
Serial Num	-	
Type	SIDEWALL	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	2.0	
Motor Rpm	1725	
Phase	3	
Voltage (rated)	460	
Amperage (rated)	-	3.4
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	14600	
Fan RPM	362	
RL Voltage	460	
RL Amperage	3.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## System/Unit: FAN - Exhaust

Asset: EF-201

AREA:224 WOMEN RR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	BSQ-160
Serial Num	-	ILLEGIBLE
Type	CENT INLINE	INLINE

Motor Data		
	Design	Actual
Motor MFG	-	U.S. MOTORS
Horsepower	0.33	0.33
Motor Rpm	1725	1725
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	5.8
Service Factor	-	1.35

Drive Data	
	Actual
Motor Sheave Size	4"
Motor Bore Size	INACCESSIBLE
Motor Sheave SetPt	0 TURNS OUT
Fan Sheave Size	INACCESSIBLE
Fan Sheave Bore	INACCESSIBLE
Belt CL Distance	INACCESSIBLE
Num of Belts	1
Belt Size	4L540R

Test Data		
	Design	Actual
CFM	2040	2053
Fan RPM	898	937
RL Voltage	115	INACCESSIBLE
RL Amperage	7.2	INACCESSIBLE
Suction ESP	-	-0.40"
Discharge ESP	-	0.10"
Total ESP	0.41	0.50"

Completed By: Gabe Merk on 02/03/2026

Notes:  
E201-1 is a transfer grille and deleted from scope.

Written By: Gabe Merk on 02/02/2026



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-201/224 WOMEN RR**

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD2	137 MENS RR	LE-01	6	90	0.46	64	69	89	98.9
EGRD3	137 MENS RR	LE-01	6	90	0.46	47	50	93	103.3
EGRD4	137 MENS RR	LE-01	6	90	0.46	50	54	90	100.0
EGRD5	137 MENS RR	LE-01	6	90	0.46	59	63	85	94.4
EGRD6	136 WOMEN RR	LE-01	6	70	0.46	47	50	67	95.7
EGRD7	136 WOMEN RR	LE-01	6	70	0.46	43	46	73	104.3
EGRD8	136 WOMEN RR	LE-01	6	70	0.46	46	49	71	101.4
EGRD9	136 WOMEN RR	LE-01	6	70	0.46	41	44	67	95.7
EGRD10	149 WOMEN RR	LE-01	6	70	0.46	56	60	73	104.3
EGRD11	149 WOMEN RR	LE-01	6	70	0.46	57	61	69	98.6
EGRD12	149 WOMEN RR	ED-01	6	50	1	94	101	54	108.0
EGRD13	144 MENS RR	LE-01	6	70	0.46	42	45	76	108.6
EGRD14	144 MENS RR	LE-01	6	70	0.46	37	40	71	101.4
EGRD15	144 MENS RR	ED-01	6	50	1	83	89	55	110.0
EGRD16	134 JANITOR	ED-01	6	100	1	67	72	92	92.0
EGRD17	132 TOILET	LE-01	6	70	0.46	55	59	73	104.3
EGRD18	132 TOILET	LE-01	6	70	0.46	47	50	69	98.6
EGRD19	224 WOMEN RR	LE-01	6	70	0.46	23	25	74	105.7
EGRD20	224 WOMEN RR	LE-01	6	70	0.46	93	100	73	104.3
EGRD21	224 WOMEN RR	LE-01	6	70	0.46	79	85	69	98.6
EGRD22	224 WOMEN RR	LE-01	6	70	0.46	86	92	73	104.3
EGRD23	225 MENS RR	LE-01	6	90	0.46	62	66	95	105.6
EGRD24	225 MENS RR	LE-01	6	90	0.46	74	79	86	95.6
EGRD25	225 MENS RR	LE-01	6	90	0.46	60	64	96	106.7
EGRD26	225 MENS RR	LE-01	6	90	0.46	55	59	86	95.6
EGRD27	226 TOILET	LE-02	10	140	0.46	85	91	134	95.7
<b>Total</b>				<b>2040</b>		<b>1552</b>	<b>1663</b>	<b>2053</b>	<b>100.64%</b>



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## System/Unit: FAN - Exhaust

Asset: EF-R11

AREA:187, 188 RESTROOMS

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-097-6
Serial Num	-	25710972
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	Marathon Motors
Frame	-	48Y
Horsepower	0.167	0.167
Motor Rpm	1725	1725
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	3.6
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	VP25
Motor Bore Size	0.4375"
Motor Sheave SetPt	
Fan Sheave Size	AK34
Fan Sheave Bore	0.75"
Belt CL Distance	5"
Num of Belts	1
Belt Size	3L-180

Test Data		
	Design	Actual
CFM	140	131
Fan RPM	1161	
RL Voltage	115	
RL Amperage	4.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.4	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## FAN - Exhaust

Diffuser Ret/Exh (GRD)

### EF-R11/187, 188 RESTROOMS

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	188 MENS RR	ED-02	6	70	1	65	65	65	92.9
EGRD2	187 WOMEN RR	ED-02	6	70	1	66	66	66	94.3
Total				140		131	131	131	93.57%



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## System/Unit: FAN - Exhaust

Asset: EF-R12

AREA:157 ELECTRICAL

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-097-6
Serial Num	-	25710983
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	Marathon Motors
Frame	-	48Y
Horsepower	0.167	0.167
Motor Rpm	1725	1725
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	4.4
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	VP25
Motor Bore Size	0.4375"
Motor Sheave SetPt	
Fan Sheave Size	AK34
Fan Sheave Bore	0.75"
Belt CL Distance	4.75"
Num of Belts	1
Belt Size	3L-180

Test Data		
	Design	Actual
CFM	300	277
Fan RPM	1323	
RL Voltage	115	
RL Amperage	4.4	
Suction ESP	-	
Discharge ESP	-	Atmosphere
Total ESP	0.4	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## FAN - Exhaust

Diffuser Ret/Exh (GRD)

### EF-R12/157 ELECTRICAL

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	157 ELECTRICAL	ED-04	12	300	1	277	277	277	92.3
Total				300		277	277	277	92.33%



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R13

AREA:171 ELECTRICAL

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-180-3
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	7.2
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	2500	
Fan RPM	759	
RL Voltage	115	
RL Amperage	7.2	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R14

AREA:171 ELECTRICAL

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-180-3
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	7.2
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	2500	
Fan RPM	759	
RL Voltage	115	
RL Amperage	7.2	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R15

AREA:175 COMPRESSOR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-180-3
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	7.2
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	2500	
Fan RPM	759	
RL Voltage	115	
RL Amperage	7.2	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R16

AREA:174 OIL RM

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-100-4
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.25	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	5.8
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	1173	
RL Voltage	115	
RL Amperage	5.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## FAN - Exhaust

### Diffuser Ret/Exh (GRD)

#### EF-R16/174 OIL RM

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	174 OIL RM	EG-02	12X12	400					-
EGRD2	174 OIL RM	EG-02	12X12	400					-
Total				800		0	0	0	0%



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R17

AREA:232 ELECTRICAL

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-097-6
Serial Num	-	25710978
Type	CRE DNBLAST	CRE DOWNBLAST

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Horsepower	0.167	0.167
Motor Rpm	1725	1725
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	4.4
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	2.5"
Motor Bore Size	0.5"
Motor Sheave SetPt	
Fan Sheave Size	3.5"
Fan Sheave Bore	0.75"
Belt CL Distance	
Num of Belts	1
Belt Size	3L-180

Test Data		
	Design	Actual
CFM	300	287
Fan RPM	1237	
RL Voltage	115	
RL Amperage	4.4	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R18

AREA:CO102 CORR 3

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-180-5
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.5	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	9.8
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	2700	
Fan RPM	822	
RL Voltage	115	
RL Amperage	9.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## FAN - Exhaust

Diffuser Ret/Exh (GRD)

### EF-R18/CO102 CORR 3

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	CO102 CORR 3	EG-03	34X18	2700					-
Total				2700		0	0	0	0%



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R19

AREA:CO102 CORR 3

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-180-5
Serial Num	-	
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.5	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	9.8
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	2700	
Fan RPM	822	
RL Voltage	115	
RL Amperage	9.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## FAN - Exhaust

Diffuser Ret/Exh (GRD)

### EF-R19/CO102 CORR 3

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	CO102 CORR 3	EG-03	34X18	2700					-
Total				2700		0	0	0	0%



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## System/Unit: FAN - Exhaust

Asset: EF-R20

AREA:CO102 CORR 3

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-180-5
Serial Num	-	25861732
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	56
Horsepower	0.5	0.5
Motor Rpm	1725	1725
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	8.4
Service Factor	-	1.0

Drive Data	
	Actual
Motor Sheave Size	VP34S
Motor Bore Size	0.625"
Motor Sheave SetPt	
Fan Sheave Size	AK64
Fan Sheave Bore	0.75"
Belt CL Distance	5.75"
Num of Belts	1
Belt Size	4L27OR

Test Data		
	Design	Actual
CFM	2700	
Fan RPM	822	
RL Voltage	115	
RL Amperage	9.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## FAN - Exhaust

Diffuser Ret/Exh (GRD)

### EF-R20/CO102 CORR 3

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	CO102 CORR 3	EG-03	34X18	2700					-
Total				2700		0	0	0	0%



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## System/Unit: FAN - Exhaust

Asset: EF-R21

AREA:CO102 CORR 3

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-180-5
Serial Num	-	25861745
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	56
Horsepower	0.5	0.5
Motor Rpm	1725	1725
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	8.4/4.2
Service Factor	-	1

Drive Data	
	Actual
Motor Sheave Size	VP34S
Motor Bore Size	0.625"
Motor Sheave SetPt	
Fan Sheave Size	Ak 64
Fan Sheave Bore	0.75"
Belt CL Distance	5.5"
Num of Belts	1
Belt Size	4L270R

Test Data		
	Design	Actual
CFM	2700	
Fan RPM	822	
RL Voltage	115	
RL Amperage	9.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## FAN - Exhaust

Diffuser Ret/Exh (GRD)

### EF-R21/CO102 CORR 3

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	CO102 CORR 3	EG-03	34X18	2700	3.7	2616			-
Total				2700		2616	0	0	0%



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## System/Unit: FAN - Exhaust

Asset: EF-R22

AREA:151 BATTERY STOR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	CUBE-120-4
Serial Num	-	25715111
Type	CRE UPBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	Marathon Motors
Frame	-	56
Horsepower	0.25	0.25
Motor Rpm	1725	1725
Phase	1	1
Voltage (rated)	115	115/208
Amperage (rated)	-	4.4/4.2
Service Factor	-	1.0

Drive Data	
	Actual
Motor Sheave Size	VP34S
Motor Bore Size	0.625"
Motor Sheave SetPt	
Fan Sheave Size	AK49
Fan Sheave Bore	0.75"
Belt CL Distance	5.25"
Num of Belts	1
Belt Size	4L230R

Test Data		
	Design	Actual
CFM	1200	
Fan RPM	1182	
RL Voltage	115	
RL Amperage	5.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## FAN - Exhaust

### Diffuser Ret/Exh (GRD)

#### EF-R22/151 BATTERY STOR

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	151 BATTERY STOR	EG-01	10X6	180		555			-
EGRD2	151 BATTERY STOR	EG-01	10X6	180					-
EGRD3	151 BATTERY STOR	EG-01	10X6	180					-
EGRD4	151 BATTERY STOR	EG-02	12X12	300					-
EGRD5	151 BATTERY STOR	EG-01	10X6	180					-
EGRD6	151 BATTERY STOR	EG-01	10X6	180					-
Total				1200		555	0	0	0%



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R23

AREA:175 COMPRESSOR

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-180-3
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	7.2
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	2500	
Fan RPM	759	
RL Voltage	115	
RL Amperage	7.2	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R24

AREA:172 ELECTRICAL

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-180-3
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	7.2
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	2500	
Fan RPM	759	
RL Voltage	115	
RL Amperage	7.2	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R25

AREA:172 ELECTRICAL

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-180-3
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	7.2
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	2500	
Fan RPM	759	
RL Voltage	115	
RL Amperage	7.2	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R01

AREA:107, 108 RESTROOMS

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-100-4
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.25	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	5.8
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	280	
Fan RPM	722	
RL Voltage	115	
RL Amperage	5.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.2	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-R01/107, 108 RESTROOMS**

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	108 MENS RR	LE-01	6	70					-
EGRD2	108 MENS RR	LE-01	6	70					-
EGRD3	107 WOMEN RR	LE-01	6	70					-
EGRD4	107 WOMEN RR	LE-01	6	70					-
Total				280		0	0	0	0%



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R02

AREA:109 MECHANICAL

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-180-3
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	7.2
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	2500	
Fan RPM	759	
RL Voltage	115	
RL Amperage	7.2	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R03

AREA:109 MECHANICAL

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-180-3
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	7.2
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	2500	
Fan RPM	759	
RL Voltage	115	
RL Amperage	7.2	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R04

AREA:111 FIRE PUMP

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-180-3
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	7.2
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	2500	
Fan RPM	759	
RL Voltage	115	
RL Amperage	7.2	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R05

AREA:111 FIRE PUMP

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-180-3
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	7.2
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	2500	
Fan RPM	759	
RL Voltage	115	
RL Amperage	7.2	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R06

AREA:112 ELECTRICAL

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-180-3
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	7.2
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	2500	
Fan RPM	759	
RL Voltage	115	
RL Amperage	7.2	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R07

AREA:112 ELECTRICAL

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-180-3
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	7.2
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	2500	
Fan RPM	759	
RL Voltage	115	
RL Amperage	7.2	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.3	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## System/Unit: FAN - Exhaust

Asset: EF-R08

AREA:139 ELEC

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-100-4
Serial Num	-	25710987
Type	CRE DNBLAST	CRE DOWNBLAST

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Frame	-	48Y
Horsepower	0.25	1/4
Motor Rpm	1725	1725
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	4.6
Service Factor	-	1.35

Drive Data	
	Actual
Motor Sheave Size	VP25
Motor Bore Size	1/2"
Motor Sheave SetPt	
Fan Sheave Size	AK46
Fan Sheave Bore	3/4"
Belt CL Distance	4-3/4"
Num of Belts	1
Belt Size	3L200R

Test Data		
	Design	Actual
CFM	330	
Fan RPM	1018	
RL Voltage	115	
RL Amperage	5.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.4	
Brake Horse Power	-	

Notes:

FAN HITTING CAGE 2/3/25

Written By: Gabe Merk on 02/03/2026



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## FAN - Exhaust

Diffuser Ret/Exh (GRD)

### EF-R08/139 ELEC

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	139 ELEC	EG-02	12X12	330					-
Total				330		0	0	0	0%



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

System/Unit: FAN - Exhaust

Asset: EF-R09

AREA:176, 177 RESTROOMS

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	GB-100-4
Serial Num	-	
Type	CRE DNBLAST	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	.025	
Motor Rpm	1725	
Phase	1	
Voltage (rated)	115	
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	500	
Fan RPM	1042	
RL Voltage	115	
RL Amperage	5.8	
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.4	
Brake Horse Power	-	



# National TAB

Project: DHL CVG Hangar (Erlanger, KY)

## FAN - Exhaust

**Diffuser Ret/Exh (GRD)**

**EF-R09/176, 177 RESTROOMS**

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EGRD1	177 WOMEN RR	LE-01	6	70					-
EGRD2	177 WOMEN RR	LE-01	6	70					-
EGRD3	176 MENS RR	LE-01	6	70					-
EGRD4	176 MENS RR	LE-01	6	70					-
Total				280		0	0	0	0%