

**Report By:**

National TAB  
105 Stone Village Drive  
Fort Mill, SC 29708



**Report: TAB REPORT**  
**Function: Test, Adjust, & Balance**  
**Date: 11/13/2025**  
**Completed By: National TAB**

**PROJECT**  
**Chase Bank (Ft. Worth, TX)**

229 East Bonds Ranch Road

Ft. Worth, TX 76179

**Client**

MAD Company Mechanical, LLC  
2028 Wayward Sun Dr  
Austin, TX 78754

# National TAB

Project: Chase Bank (Ft. Worth, TX)

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# CERTIFICATION

**PROJECT:** Chase Bank (Ft. Worth, TX)

The data presented in this report is a record of system measurements and final adjustments that have been obtained in accordance with the current edition of the NEBB *Procedural Standards for Testing, Adjusting, and Balancing of Environmental Systems*. Any variances from design quantities, which exceed NEBB tolerances, are noted in the Test-Adjust-Balance Report Project Summary.

The air distribution system has been tested and balanced and final adjustments have been made in accordance with NEBB standards and the project specifications.

**NEBB TAB FIRM:** National TAB-Southeast

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**REGISTRATION NO:** 3755

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**CERTIFIED BY:** J. Scott Springer 23312

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**DATE:** 11/14/2025

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The hydronic distribution system has been tested and balanced and final adjustments have been made in accordance with NEBB standards and the project specifications.

**NEBB TAB FIRM:** National TAB-Southeast

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**REGISTRATION NO:** 3755

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**CERTIFIED BY:** J. Scott Springer 23312

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**DATE:**

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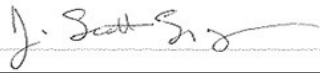
## Submitted and Certified by:

**NEBB TAB FIRM:** National TAB-Southeast

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**TAB PROFESSIONAL:** J. Scott Springer

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**SIGNATURE:** 

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**REGISTRATION NO:** 3755 (NTAB) / 23312

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**CERTIFICATION EXP:** 12/31/2025

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# National TAB



## Testing, Adjusting, and Balancing Equipment

Function		Range	Minimum Accuracy	Instrument Information	Calibration Date	Date Due
AIR	AIR PRESSURE	0 in wg to 10 in wg	2% +/- 0.001 in wg	Shortridge ADM-860C S/N M19547	9/30/2025	9/30/2026
	AIR VELOCITY INSTRUMENT	50 fpm to 3900 fpm	+/- 5 % +/- 7 fpm	Shortridge ADM-860C S/N M19547	9/30/2025	9/30/2026
	DIRECT HOOD READING	100 cfm to 2000 cfm	+/- 3 % +/- 7 cfm	Evergreen Telemetry Capture Hood	8/12/2025	8/12/2026
TEMPERATURE	AIR METER	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - SRH77A S/N 041018026	9/30/2025	9/30/2026
	AIR PROBE	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - 4011 S/N 33-20	9/30/2025	9/30/2026
	IMMERSION METER	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - SRH77A S/N 041018026	9/30/2025	9/30/2026
	IMMERSION PROBE	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - 4011 S/N 33-20	9/30/2025	9/30/2026
	CONTACT METER	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - SRH77A S/N 041018026	9/30/2025	9/30/2026
	CONTACT PROBE	-20 F to 240 F	+/- .5 % 2 F	Cooper ATKINS - 4011 S/N 33-20	9/30/2025	9/30/2026
HUMIDITY	HUMIDITY PROBE	10 % RH to 90 % RH	3% of reading	Cooper ATKINS - SRH77A S/N 041018026	9/30/2025	9/30/2026
ELECTRICAL	VOLTAGE MEASUREMENT	0 VAC to 600 VAC	2 % reading +/- 5 digits	Dwyer CM-1 - S/N 190800099	9/30/2025	9/30/2026
	AMPERAGE MEASUREMENT	0 Amperers to 100 Amperes	2 % reading +/- 5 digits	Dwyer CM-1 - S/N 190800099	9/30/2025	9/30/2026
ROTATION	ROTATION MEASUREMENT	60 rpm to 5000 rpm	2 % reading 2 rpm	Dwyer TAC-L - S/N S1100123	9/30/2025	9/30/2026
HYDRONIC	PRESSURE MEASUREMENT	-30 in Hg to 200 psi	±2% of reading +/- 1 psi	Shortridge HDM 250 - S/N W25059	6/18/2025	6/18/2026
	DIFFERENTIAL PRESSURE MEASUREMENT	0 psi - 80 psi	±2% of reading +/- 1 psi	Shortridge HDM 250 - S/N W25059	6/18/2025	6/18/2026
DALT	DUCT LEAKAGE	-10" - +10" wc	±1% of reading +/- .0004" wc	Kanomax DALT 6900 S/N: 080439	3/7/2025	3/7/2026

## Abbreviation List

A = Area (ft <sup>2</sup> )	S.F. = Service Factor
AHU = Air Handling Unit	SF = Supply Fan
A <sub>k</sub> = Effective Area	SP = Static Pressure
BHP = Brake Horsepower (IP) HP	SR = Supply Register
Btu = British Thermal Unit	T = Temperature
Btu/h = Btuh = BTUH = BTU/Hour	T <sub>ma</sub> = Mixed Air Temperature
CL = Center Distance (used in belt formula)	T <sub>oa</sub> = Outside Air Temperature
CD = Ceiling Diffuser	T <sub>ra</sub> = Return Air Temperature
CF = Correction Factor	H = Head (in wc, ft wc, psi)
CFM = Volumetric Flow: Cubic Feet Per Minute	h = Enthalpy
CO <sub>2</sub> = Carbon Dioxide	HP = Horsepower
CO = Carbon Monoxide	hr = Hour
C <sub>v</sub> = Flow Constant	K <sub>v</sub> = Flow constant (SI)
d = Diameter (in.) IP	kW = Kilowatt = 1000 Watts
Δ = Difference or Change (Final - Initial)	LAT = Leaving Air Temperature
DB = Dry Bulb	lb = Pounds
EA = Exhaust Air	LWT = Leaving Water Temperature
EAT = Entering Air Temperature	ma = Mixed Air
EF = Exhaust Fan	MIN = Minimum
Eff = Efficiency	MAX = Maximum
EG = Exhaust Grille	N/A = Not Applicable
ESP = External Static Pressure	NA = No Access
EWT = Entering Water Temperature	NL = Not Listed
°F = Degrees Fahrenheit, °F	NPSHA = Net Positive Suction Head Available
FPB = Fan Powered Box	NS = Not Specified
FLA = Full Load Amps	OA = Outside Air
fpm = Feet per Minute (fpm)	OAT = Outside Air Temperature
ft = Foot	PD = Sheave Pitch Diameter
gal = Gallons	P.D. = Pressure Drop
GPM = Gallons Per Minute (GPM)	PF = Power Factor
h = Enthalpy (BTU/lb dry air)	SG = Supply Grille
P = Pressure	SR = Supply Register
ppm = parts per million	TP = Total Pressure
psi = Pounds Per Square Inch	T <sub>ra</sub> = Return Air Temperature
psid = PSI Differential	TS = Tip Speed (fpm) IP, (m/s) SI
r = Radius (in)	TSP = Total Static Pressure
% <sub>ra</sub> = % of Return Air	V = Velocity
RA = Return Air	VAV = Variable Air Volume
RAT = Return Air Temperature	VD = Volume Damper
RF = Return Fan	VFD = Variable Frequency Drive
RG = Return Grille	W = Watt
RH = Relative Humidity	WB = Wet Bulb
RPM = Revolutions Per Minute	wg = wc = water gauge = water column
RTU = Roof Top Unit	WHP = Water Horsepower (IP)
SA = Supply Air	ω = Humidity Ratio



# National TAB

Project: Chase Bank (Ft. Worth, TX)

## System/Unit: Split Sys Furnace



Asset: AC-1

AREA:101

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Model Num	NA	FDMQ18WVJU9
Serial Num	-	E010679
Configuration	-	HORIZONTAL
Filter Size Size 1	-	20X8X4.5 / 2

Motor Data		
	Design	Actual
Motor MFG	-	INTERTEK
Horsepower	-	0.31
Phase	-	1
Voltage	-	208
Amperage	-	0.84

Test Data		
	Design	Actual
SF CFM	500	454
Motor Speed SetPt	-	HIGH
RL Voltage	208	208
RL Amperage	0.84	0.3
RA CFM	450	409
OA CFM	50	45

Performance Data		
	Design	Actual
Suction ESP	-	-0.07
Discharge ESP	-	0.12
Total ESP	-	0.19

Completed By: Bayley Morvant on 09/16/2025

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## Split Sys Furnace



**Diffuser Supply (GRD)**

**AC-1/101**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	101	D	10	250	178	226	90.4
SGRD2	101	D	10	250	144	228	91.2
Total				500	322	454	90.8%

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## System/Unit: Split Sys Furnace



Asset: AC-2

AREA:106

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Model Num	NA	FXMQ18TBVJU
Serial Num	-	E000341
Configuration	-	HORIZONTAL
Filter Size Size 1	-	20X8X4.5 / 2

Motor Data		
	Design	Actual
Motor MFG	-	INTERTEK
Horsepower	-	0.31
Phase	1	1
Voltage	208	208
Amperage	-	1.5

Test Data		
	Design	Actual
SF CFM	400	420
Motor Speed SetPt	-	MEDIUM
RL Voltage	208	210
RL Amperage	1.5	0.4
RA CFM	355	371
OA CFM	45	49

Performance Data		
	Design	Actual
Suction ESP	-	-0.14
Discharge ESP	-	0.06
Total ESP	-	0.20

Completed By: Bayley Morvant on 11/01/2025

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## Split Sys Furnace



**Diffuser Supply (GRD)**

**AC-2/106**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	107	A	10	100	97	107	107.0
SGRD2	106	A	10	150	212	154	102.7
SGRD3	106	A	10	150	226	159	106.0
Total				400	535	420	105%

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## System/Unit: Split Sys Furnace



Asset: AC-3

AREA:118

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Model Num	NA	FXMQ30TBVJU
Serial Num	-	E000186
Configuration	-	HORIZONTAL
Filter Size Size 1	-	27X8X4.5 / 2

Motor Data		
	Design	Actual
Motor MFG	-	INTERTEK
Horsepower	-	0.49
Phase	1	1
Voltage	208	208
Amperage	-	2.4

Test Data		
	Design	Actual
SF CFM	600	556
Motor Speed SetPt	-	HIGH
RL Voltage	208	210
RL Amperage	2.4	0.9
RA CFM	535	488
OA CFM	65	68

Performance Data		
	Design	Actual
Suction ESP	-	-0.22
Discharge ESP	-	0.32
Total ESP	-	0.54

Completed By: Bayley Morvant on 11/01/2025

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## Split Sys Furnace



**Diffuser Supply (GRD)**

**AC-3/118**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	118	D	10	300	223	285	95.0
SGRD2	118	D	10	300	206	271	90.3
Total				600	429	556	92.67%

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## System/Unit: Split Sys Furnace



Asset: AC-4

AREA:123

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Model Num	NA	FXMQ48TBVJU
Serial Num	-	E000131
Configuration	-	HORIZONTAL
Filter Size Size 1	-	27X8X4.5 / 2

Motor Data		
	Design	Actual
Motor MFG	-	INTERTEK
Horsepower	-	0.49
Phase	1	1
Voltage	208	208
Amperage	-	2.9

Test Data		
	Design	Actual
SF CFM	1100	1083
Motor Speed SetPt	-	HIGH
RL Voltage	208	209
RL Amperage	2.9	1.4
RA CFM	1025	1004
OA CFM	75	79

Performance Data		
	Design	Actual
Suction ESP	-	-0.22
Discharge ESP	-	0.21
Total ESP	-	0.43

Completed By: Bayley Morvant on 11/01/2025

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## Split Sys Furnace



**Diffuser Supply (GRD)**

**AC-4/123**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	123	D	10	250	144	240	96.0
SGRD2	122	D	10	175	149	168	96.0
SGRD3	122	D	10	175	167	180	102.9
SGRD4	121	D	10	250	157	251	100.4
SGRD5	119	D	10	250	196	244	97.6
Total				1100	813	1083	98.45%

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## System/Unit: Split Sys Furnace



Asset: AC-5

AREA:102

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Model Num	NA	FXMQ48TBVJU
Serial Num	-	E000133
Configuration	-	HORIZONTAL
Filter Size Size 1	-	27X8X4.5 / 2

Motor Data		
	Design	Actual
Motor MFG	-	INTERTEK
Horsepower	-	0.49
Phase	-	1
Voltage	-	208
Amperage	-	2.9

Test Data		
	Design	Actual
SF CFM	1000	1006
Motor Speed SetPt	-	HIGH
RL Voltage	208	210
RL Amperage	2.9	1.6
RA CFM	815	813
OA CFM	185	193

Performance Data		
	Design	Actual
Suction ESP	-	-0.19
Discharge ESP	-	0.11
Total ESP	-	0.30

Completed By: Bayley Morvant on 11/01/2025

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## Split Sys Furnace



**Diffuser Supply (GRD)**

**AC-5/102**

<b>Asset</b>							
<b>Asset Name</b>	<b>Location</b>	<b>Type</b>	<b>Size</b>	<b>DESIGN CFM</b>	<b>CFM(1)</b>	<b>FINAL CFM</b>	<b>% to design</b>
SGRD1	102	D	8	125	145	126	100.8
SGRD2	102	D	8	125	91	123	98.4
SGRD3	102	D	8	125	136	119	95.2
SGRD4	102	D	8	125	38	120	96.0
SGRD5	102	D	8	125	156	129	103.2
SGRD6	120	D	8	125	139	135	108.0
SGRD7	120	D	8	125	141	129	103.2
SGRD8	120	D	8	125	122	125	100.0
<b>Total</b>				1000	968	1006	100.6%

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## System/Unit: Split Sys Furnace



Asset: AC-6

AREA:115

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Model Num	NA	FXMQ36TBVJU
Serial Num	-	E003375
Configuration	-	HORIZONTAL
Filter Size Size 1	-	27X8X4.5 / 2

Motor Data		
	Design	Actual
Motor MFG	-	INTERTEK
Horsepower	-	0.49
Phase	-	1
Voltage	-	208
Amperage	-	2.5

Test Data		
	Design	Actual
SF CFM	800	769
Motor Speed SetPt	-	HIGH
RL Voltage	208	212
RL Amperage	2.5	1.0
RA CFM	740	705
OA CFM	60	64

Performance Data		
	Design	Actual
Suction ESP	-	-0.21
Discharge ESP	-	0.16
Total ESP	-	0.37

Completed By: Bayley Morvant on 11/01/2025

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## Split Sys Furnace



**Diffuser Supply (GRD)**

**AC-6/115**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	115	D	10	250	195	226	90.4
SGRD2	116	D	10	200	178	207	103.5
SGRD3	116	D	10	100	125	91	91.0
SGRD4	117	D	10	250	238	245	98.0
Total				800	736	769	96.12%

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## System/Unit: Split Sys Furnace



Asset: AC-7

AREA:114

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Model Num	NA	FXMQ30TBVJU
Serial Num	-	E002484
Configuration	-	HORIZONTAL
Filter Size Size 1	-	27x8x4.5 / 2

Motor Data		
	Design	Actual
Motor MFG	-	INTERTEK
Horsepower	-	0.49
Phase	-	1
Voltage	-	208
Amperage	-	2.4

Test Data		
	Design	Actual
SF CFM	600	644
Motor Speed SetPt	-	HIGH
RL Voltage	208	209
RL Amperage	-	0.8
RA CFM	520	560
OA CFM	80	84

Performance Data		
	Design	Actual
Suction ESP	-	-0.18
Discharge ESP	-	0.19
Total ESP	-	0.37

Completed By: Bayley Morvant on 11/01/2025

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## Split Sys Furnace



**Diffuser Supply (GRD)**

**AC-7/114**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	103	D	10	175	122	192	109.7
SGRD2	105	D	10	125	177	136	108.8
SGRD3	103	D	10	175	145	190	108.6
SGRD4	105	D	10	125	196	126	100.8
Total				600	640	644	107.33%

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## System/Unit: Split Sys Furnace



Asset: AC-8

AREA:111

Unit Data		
	Design	Actual
MFG	NA	DAIKIN
Model Num	NA	FXMQ30TBVJU
Serial Num	-	E001574
Configuration	-	HORIZONTAL
Filter Size Size 1	-	27X8X4.5 / 2

Motor Data		
	Design	Actual
Motor MFG	-	INTERTEK
Horsepower	-	0.49
Phase	-	1
Voltage	-	208
Amperage	-	2.4

Test Data		
	Design	Actual
SF CFM	600	587
Motor Speed SetPt	-	MEDIUM
RL Voltage	208	210
RL Amperage	2.4	0.4
RA CFM	515	498
OA CFM	85	89

Performance Data		
	Design	Actual
Suction ESP	-	-0.08
Discharge ESP	-	0.10
Total ESP	-	0.18

Completed By: Bayley Morvant on 11/01/2025

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## Split Sys Furnace



**Diffuser Supply (GRD)**

**AC-8/111**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	113	A	6	50	114	49	98.0
SGRD2	110	A	8	200	200	193	96.5
SGRD3	112	A	6	50	125	51	102.0
SGRD4	111	A	6	100	136	109	109.0
SGRD5	110	A	8	200	199	185	92.5
Total				600	774	587	97.83%

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## System/Unit: Split Sys Furnace



Asset: AC-9

AREA:114

Unit Data		
	Design	Actual
<b>MFG</b>	NA	DAIKIN
<b>Model Num</b>	NA	FDMQ12WVJU9
<b>Serial Num</b>	-	E008693
<b>Configuration</b>	-	HORIZONTAL
<b>Filter Size Size 1</b>	-	27X8X4.5

Motor Data		
	Design	Actual
<b>Motor MFG</b>	-	INTERTEK
<b>Horsepower</b>	-	0.17
<b>Phase</b>	-	1
<b>Voltage</b>	-	208
<b>Amperage</b>	-	0.63

Test Data		
	Design	Actual
<b>SF CFM</b>	300	313
<b>Motor Speed SetPt</b>	-	HIGH
<b>RL Voltage</b>	208	209
<b>RL Amperage</b>	0.63	0.3
<b>RA CFM</b>	275	286
<b>OA CFM</b>	25	27

Performance Data		
	Design	Actual
<b>Suction ESP</b>	-	-0.07
<b>Discharge ESP</b>	-	0.12
<b>Total ESP</b>	-	0.19

Completed By: Bayley Morvant on 11/01/2025

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## Split Sys Furnace



**Diffuser Supply (GRD)**

**AC-9/114**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	114	A	10	300	313	313	104.3
Total				300	313	313	104.33%

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## System/Unit: Energy Recovery Unit



Asset: ERV-1

AREA:

Unit Data		
	Design	Actual
MFG	NA	OXYGEN 8
Model Num	NA	VENTUM-H05-2081-006
Serial Num	-	910004562223
Num Exh-Filters 1	-	1
Exh-Filter Size 1	-	16X16X2
Num OA-Filters 1	-	1
OA-Supply Size 1	-	16X16X2

Exhaust Fan Motor Data		
	Design	Actual
Horsepower	500W	0.67
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	2.50

OA Fan Motor Data		
	Design	Actual
Horsepower	500W	0.67
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	2.50

Exhaust Fan Test Data		
	Design	Actual
Exh-ERU CFM	600	650
Exh-ERU System SetPt	-	70%
RL Voltage	208	212
RL Amperage	2.5	1.6
Brake Horse Power	-	0.42

Exhaust Fan Performance Data		
	Design	Actual
Exh-ERU Filter Delta SP	-	0.22
Exh-ERU Wheel Delta SP	-	0.50
Exh-ERU Inlet T (db/wb)	-	78/62
Exh-ERU Discharge T (db/wb)	-	75/58
Exh-ERU Delta T	-	3

OA Fan Test Data		
	Design	Actual
OA-ERU CFM	620	653
Motor Frequency	-	96%
RL Voltage	208	213
RL Amperage	-	2.0

OA Fan Performance Data		
	Design	Actual
OA-ERU Filter Delta SP	-	0.18
OA-ERU Wheel Delta SP	-	0.74
OA-ERU Inlet T (db/wb)	-	73/56
OA-ERU Discharge T (db/wb)	-	76/61
OA-ERU Delta T	-	3

Completed By: Bayley Morvant on 11/01/2025

Notes:

[1] EXHAUST SIDE OF ERV-1 WAS CHANGED. NO DRAWINGS EXIST OF CHANGES. EF-1 WAS DELETED AND DIFFUSERS SERVED BY EF-1 NOW DUCTED TO EXHAUST/RETURN SIDE OF ERV-1. DESIGNS FOR THESE DIFFUSERS WERE KEPT AND PREVIOUS SINGLE RETURN DIFFUSER FOR ERV-1 DESIGN WAS REDUCED TO REFLECT ADDED DIFFUSERS.

[2] NO DAMPERS SHOWN PER DRAWINGS, NONE INSTALLED. ERV-1 EXHAUST/RETURN WAS SET UP FOR TOTAL CFM.

Written By: Bayley Morvant on 11/01/2025

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## Energy Recovery Unit



**Diffuser Supply (GRD)**

**ERV-1/**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
SGRD1	AC-2 (106)	DUCT	6	45	120	49	108.9
SGRD2	AC-4 (123)	DUCT	6	75	58	79	105.3
SGRD3	AC-5 (104)	DUCT	8	185	142	193	104.3
SGRD4	AC-3 (117)	DUCT	6	65	61	68	104.6
SGRD5	AC-6 (115)	DUCT	6	60	77	64	106.7
SGRD6	AC-7 (114)	DUCT	6	80	49	84	105.0
SGRD7	AC-9 (114)	DUCT	5	25	59	27	108.0
SGRD8	AC-8 (111)	DUCT	6	85	63	89	104.7
Total				620	629	653	105.32%

**Diffuser Ret/Exh (GRD)**

**ERV-1/**

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
EGRD1	112	C	6	75		47	47	62.7
EGRD2	113	C	6	75		61	61	81.3
EGRD3	110	C	8	150		99	99	66.0
EGRD4	105	B	12	250		289	289	115.6
EGRD5	109	EF-3	6	50		154	154	308.0
Total				600		650	650	108.33%

# National TAB

Project: Chase Bank (Ft. Worth, TX)

## System/Unit: FAN - Exhaust



Asset: EF-2

AREA:

Unit Data		
	Design	Actual
MFG	NA	[1]
Model Num	NA	[1]
Serial Num	-	[1]
Type	CEILING	CEILING

Test Data		
	Design	Actual
CFM	500	370 [2]
RL Voltage	115	121
RL Amperage	0.46	0.4
Suction ESP	-	-0.04
Discharge ESP	-	0.03
Total ESP	-	0.07
Brake Horse Power	-	0.02

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Horsepower	351W	0.025
Motor Rpm	-	900
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	0.46

Completed By: Bayley Morvant on 09/16/2025

Notes:  
 [1] NO ACCESS TO UNIT DATA TAG DUE TO DISCHARGE DUCT COVERING IT.  
 [2] UNIT OPERATING AT HIGHEST POSSIBLE SPEED. BACK DRAFT DAMPER FULLY OPEN.

Written By: Bayley Morvant on 09/16/2025

# National TAB

Project: Chase Bank (Ft. Worth, TX)  
System/Unit: FAN - Exhaust



Asset: EF-3

AREA:

Unit Data		
	Design	Actual
MFG	NA	GREENHECK
Model Num	NA	SP-A110-QD
Serial Num	-	26886203
Type	CEILING	CEILING

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Motor Rpm	-	950
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	0.19

Test Data		
	Design	Actual
CFM	50	46
RL Voltage	115	120
RL Amperage	0.19	0.20
Suction ESP	-	-0.01
Discharge ESP	-	0.01
Total ESP	-	0.02

Completed By: Bayley Morvant on 11/01/2025