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**Report: TEST**

**Function: Test, Adjust, & Balance**

**Date: 03/31/2026**

**Completed By: National TAB**

# **PROJECT**

## **First Baptist Dallas - Criswell Basement (Dallas, TX)**

1717 San Jacinto St

Dallas, TX 75201

### **Client**

WAY Mechanical  
8610 Wallisville Rd  
  
Houston, TX 77027

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System/Unit: AHU/RTU



Asset: RTU-B-2

AREA:OFFICES

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

Test Data		
	Design	Actual
SF CFM	6170	
SF RPM	-	
RA CFM	-	
OA CFM	-	
RL Voltage	-	
RL Amperage	-	
VFD Max SetPt	-	
VFD Min SetPt	-	
SF Motor Freq(HZ)	-	
SF Flow Station (Kv)	-	
OA Flow Station (Kv)	-	
SF System SetPt	-	
RA Flow Station (Kv)	-	
Min OA Damper Position	-	
Econo Damper Position	-	
Brake Horse Power	-	

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

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.	-	
CHW Coil P.D.	-	
PreHeat Coil P.D.	-	
Heating Coil P.D.	-	
HW Coil P.D.	-	
Heat Wheel (Sup) P.D.	-	
OA Temp (db/wb)	-	
RA Temp (db/wb)	-	
MA Temp (db/wb)	-	
SA Temp (db/wb)	-	

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	

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## AHU/RTU



### VAV - Single Duct

#### RTU-B-2/OFFICES

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)
E-VAV-B-1	NA	NA			1655						
E-VAV-B-2	NA	NA			340						
E-VAV-B-3	NA	NA			2125						
E-VAV-B-4	NA	NA			615						
E-VAV-B-5	NA	NA			935						
VAV-B-6	NA	VCWF08	REHEAT	8	500		150		150		

### Diffuser Supply (GRD)

#### E-VAV-B-1/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
B1-1	TOUCH DOWN TERMINALS B013	S2	8	140			-
B1-2	TOUCH DOWN TERMINALS B013	S2	8	140			-
B1-3	TOUCH DOWN TERMINALS B013	S2	8	140			-
B1-4	TOUCH DOWN TERMINALS B013	S2	8	140			-
B1-5	OFFICE B022	S2	8	90			-
B1-6	OFFICE B020	S2	8	90			-
B1-7	RESTROOM B019	S7	6	20			-
B1-8	CORRIDOR	S2	8	80			-
B1-9	RESTROOM B017	S7	6	20			-
B1-10	OFFICE B018	S2	8	90			-
B1-11	OFFICE B015	S2	8	90			-
B1-12	OFFICE B014	S2	8	90			-
B1-13	TOUCH DOWN TERMINALS B013	S2	8	85			-
B1-14	OFFICE B021	S4	8	90			-
B1-15	BREAK B016	S2	8	175			-
B1-16	BREAK B016	S2	8	175			-
Total				1655	0	0	0%

#### E-VAV-B-2/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
B2-1	FACILITIES WORKROOM B007	S2	8	170			-
B2-2	CORRIDOR B010	S2	8	170			-
Total				340	0	0	0%

#### E-VAV-B-3/

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
B3-1	STORAGE	S7	8	125			-
B3-2	FOUNTAIN PUMP ROOM B004	S6	18X8	500			-
B3-3	FOUNTAIN PUMP ROOM B004	S6	18X8	500			-

**E-VAV-B-3/**

<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>
B3-4	FOUNTAIN PUMP ROOM B004	S6	18X8	500			-
B3-5	FOUNTAIN PUMP ROOM B004	S6	18X8	500			-
Total				2125	0	0	0%

**E-VAV-B-4/**

<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>
B4-1	FACILITIES WORKROOM B007	S2	8	215			-
B4-2	FACILITIES WORKROOM B007	EX		100			-
B4-3	FACILITIES WORKROOM B007	EX		100			-
B4-4	FACILITIES WORKROOM B007	EX		100			-
B4-5	FACILITIES WORKROOM B007	EX		100			-
Total				615	0	0	0%

**E-VAV-B-5/**

<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>
B5-1	FACILITIES STORAGE B011	S4	12X6	90			-
B5-2	FACILITIES STORAGE B011	S4	12X6	90			-
B5-3	FACILITIES STORAGE B011	S4	12X6	90			-
B5-4	FACILITIES STORAGE B011	S4	12X6	90			-
B5-5	CORRIDOR B009	S2	6	105			-
B5-6	CORRIDOR	S2	8	110			-
B5-7	FACILITIES STORAGE B011	S4	12X6	90			-
B5-8	FACILITIES STORAGE B011	S4	12X6	90			-
B5-9	FACILITIES STORAGE B011	S4	12X6	90			-
B5-10	FACILITIES STORAGE B011	S4	12X6	90			-
Total				935	0	0	0%

**VAV-B-6/**

<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>
B6-1	FOUNTAIN PUMP ROOM B004	S5	10X4	180			-
B6-2	MAINTENANCE OFFICE B002	S2	8	100			-
B6-3		S2	8	220			-
Total				500	0	0	0%

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## System/Unit: FAN - Exhaust



Asset: E-EF-3

AREA:MECHANICAL

Unit Data	
	Actual
MFG	NA
Model Num	NA
Serial Num	
Type	

Motor Data	
	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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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## System/Unit: FAN - Exhaust



Asset: E-EF-9

AREA:CHILLER ROOM #1 B001C

Unit Data	
	Actual
MFG	NA
Model Num	NA
Serial Num	
Type	

Motor Data	
	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	-	
Fan RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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## FAN - Exhaust



### Diffuser Ret/Exh (GRD)

#### E-EF-9/CHILLER ROOM #1 B001C

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E9-1	CHILLER ROOM #1 B001C	EX		1650				-
E9-2	RESTROOM B019	E1	6	50				-
E9-3	RESTROOM B017	E1	6	100				-
E9-4	CHILLER ROOM #2 B006	EX		900				-
Total				2700		0	0	0%

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System/Unit: FAN - Exhaust



Asset: EF-5

AREA:STORAGE

Unit Data	
	Actual
MFG	NA
Model Num	NA
Serial Num	
Type	

Motor Data	
	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	125	
Fan RPM	1725	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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## FAN - Exhaust



### Diffuser Ret/Exh (GRD)

#### EF-5/STORAGE

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E5-1	STORAGE B005A	E1	6	65				-
E5-2	STORAGE B005B	E1	6	60				-
Total				125		0	0	0%

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System/Unit: FAN - Exhaust



Asset: EF-7

AREA:PRINT ROOM B012

Unit Data	
	Actual
MFG	NA
Model Num	NA
Serial Num	
Type	

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

Test Data		
	Design	Actual
CFM	550	
Motor Frequency	-	
System SetPt	-	
RL Voltage	115	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	
Brake Horse Power	-	

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## FAN - Exhaust



### Diffuser Ret/Exh (GRD)

#### EF-7/PRINT ROOM B012

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
E7-1	PRINT ROOM B012	E2	10	275				-
E7-2	PRINT ROOM B012	E2	10	275				-
Total				550		0	0	0%

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## Circuit Setter

### CIRCUIT SETTERS (COLD WATER)/

Asset	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
AHU-B-2						43.5	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
FCU-B-2	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
						5.6	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
Total						49.1	
						0	0%

### CIRCUIT SETTERS (HOT WATER)/

Asset	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
AHU-B-2						41.4	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
FCU-B-2	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
						7.0	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
HWC-1	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
		5/8			HOT WATER	2.79	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
VAV-B-6	Serial Num	Size	Type	Design Service	Service	Design GPM	Design Cv
						150	
	Cv	Setting	Low Pres	High Pres	Delta P	Final GPM	% to Design
							-
Total						201.19	
						0	0%

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## System/Unit: Fan Coil



Asset: FCU-B-2

AREA:PRINT ROOM B012

Unit Data	
	Actual
MFG	TRANE
Model Num	BCHE054GAB0A1AC4A000000B0 EJ00J0000BC
Serial Num	
Type	
Num Filters Size 1	8
Filter Size 1	2"

Motor Data	
	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	880	
SFAN RPM	1256	
Motor Frequency	-	
Motor Speed SetPt	-	
RL Voltage	460	
RL Amperage	2.50	
RA CFM	880	
OA CFM	0	

Performance Data		
	Design	Actual
Suction ESP	-	
Discharge ESP	-	
Total ESP	0.750	
EAT (db/wb)	26.30	
LAT (db/wb)	94.18	

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## Fan Coil



### Diffuser Supply (GRD)

#### FCU-B-2/PRINT ROOM B012

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
FB2-1	PRINT ROOM B012	S3	8	120			-
FB2-2	PRINT ROOM B012	S5	6	25			-
FB2-3	PRINT ROOM B012	S3	8	85			-
FB2-4	PRINT ROOM B012	S3	8	120			-
FB2-5	PRINT ROOM B012	S2	8	170			-
FB2-6	PRINT ROOM B012	S2	8	180			-
FB2-7	PRINT ROOM B012	S2	8	180			-
Total				880	0	0	0%

### Diffuser Ret/Exh (GRD)

#### FCU-B-2/PRINT ROOM B012

Asset								
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	FINAL CFM	% to design
RFB2-1	PRINT ROOM B012	R3	6	25				-
Total				25		0	0	0%