

# National TAB

Project: Texas Workforce Commission (Austin, TX)



**Diffuser Ret/Exh (GRD)**

**GRD'S/**

Asset								
Asset Name	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
E3-1	S2	10"	300	1.0	0	0	0	0.0
Total			300		0	0	0	0%

Asset	Notes	Date	Written By
E3-1	UNABLE TO BALANCE BREAK ROOM EXHAUST GRILLE DUE TO EF-3 FAN MOTOR BEING SEIZED.	01/03/2024	Wesley John

**EF-4/RESTROOMS 106, 107**

Asset								
Asset Name	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
E4-1	E1	8	150	1.0	265	146	146	97.3
E4-1	E1	8	150	1.0	286	158	158	105.3
Total			300		551	304	304	101.33%

Completed By: Wesley John on 01/03/2024

# National TAB

Project: Texas Workforce Commission (Austin, TX)



**Diffuser Supply (GRD)**

**GRD'S/**

Asset							
Asset Name	Location	Type	Size	DESIGN CFM	CFM(1)	FINAL CFM	% to design
1-1	108	S2	10"	300	422	308	102.7
2-1	106	S1	6"	50	162	49	98.0
2-2	107	S1	6"	100	175	103	103.0
3-1	102	S1	6"	50	76	48	96.0
3-2	101	S1	6"	50	62	49	98.0
3-3	103	S1	6"	50	107	50	100.0
Total				600	1004	607	101.17%

Completed By: Wesley John on 01/03/2024

# National TAB

Project: Texas Workforce Commission (Austin, TX)

## System/Unit: FAN - Exhaust



Asset: EF-4

AREA:RESTROOMS 106, 107

Unit Data		
	Design	Actual
MFG	NA	COOK
Model Num	NA	90C15DH
Serial Num	-	287PK73811
Type	CENTRIFUGAL	CENTRIFUGAL

Test Data		
	Design	Actual
CFM	300	304
RL Voltage	-	[1]
RL Amperage	-	[1]
Total ESP	0.35"	0.29"

Motor Data		
	Design	Actual
Motor MFG	-	US MOTORS
Frame	-	48Y
Horsepower	72.8W	0.125
Motor Rpm	1252	1600
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	1.7
Service Factor	-	NL

Completed By: Wesley John on 01/03/2024

Notes:

[1] UNABLE TO ACCESS TO TAKE AMPERAGE AND VOLTAGE READING.

Written By: Wesley John on 01/03/2024

# National TAB

Project: Texas Workforce Commission (Austin, TX)

## FAN - Exhaust



### Diffuser Ret/Exh (GRD)

#### EF-4/RESTROOMS 106, 107

Asset								
Asset Name	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
E4-1	E1	8	150	1.0	265	146	146	97.3
E4-1	E1	8	150	1.0	286	158	158	105.3
Total			300		551	304	304	101.33%

Completed By: Wesley John on 01/03/2024

# National TAB

Project: Texas Workforce Commission (Austin, TX)

## System/Unit: FAN - Exhaust



Asset: EF-5

AREA:PRIVATE TOILET 102

Unit Data		
	Design	Actual
MFG	NA	COOK
Model Num	NA	GEMINI 140
Serial Num	-	NL
Type	CEILING	CEILING

Test Data		
	Design	Actual
CFM	50	87
RL Voltage	-	123
RL Amperage	-	0.3
Total ESP	0.25"	N/A

Motor Data		
	Design	Actual
Motor MFG	-	QUEACE
Frame	-	NL
Horsepower	24.1W	15 W
Motor Rpm	670	1550
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	0.40
Service Factor	-	NL

Completed By: Wesley John on 01/03/2024

Notes:  
MOTOR RE-WIRED FOR LOW FAN SPEED.

Written By: Wesley John on 01/03/2024

# National TAB

Project: Texas Workforce Commission (Austin, TX)

## System/Unit: FAN - Exhaust



Asset: EF-6

AREA:PRIVATE ADA TOILET 103

Unit Data		
	Design	Actual
MFG	NA	COOK
Model Num	NA	GEMINI 140
Serial Num	-	NL
Type	CEILING	CEILING

Test Data		
	Design	Actual
CFM	75	83
RL Voltage	-	123
RL Amperage	-	0.3
Total ESP	0.25"	N/A

Motor Data		
	Design	Actual
Motor MFG	-	QUEACE
Frame	-	NL
Horsepower	30.4W	15 W
Motor Rpm	763	1550
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	0.4
Service Factor	-	NL

Completed By: Wesley John on 01/03/2024

Notes:  
MOTOR RE-WIRED FOR LOW FAN SPEED.

Written By: Wesley John on 01/03/2024