

# Fan Test Sheet

<b>Project:</b>	5730 Sweetgreen Mansfield	<b>System:</b>	RTU-1
<b>Location:</b>	Roof	<b>Serves:</b>	Dining
<b>Instrument:</b>	Shortridge ADM-860c	<b>Date:</b>	10/29/24

Fan Data	
Make:	Carrier
Model:	48GCEM08A2
Serial No.:	3024P79341

Motor Data			
HP:		RPM:	
Phase:	1	SF:	1.15
	Rated	Actual	
Volts:	460	445-444-442	
Amps:	3.00	2.7-2.5-2.5	
Hz:	60	60	

Air Flow Data		
	Design	Actual
Total	1,900	1,906
Outside Air	595	622

Drive Data		
	Size	Bore
Motor		
Fan		
Belts	Direct Drive	
Centerline Dist.		
	Design	Actual
Fan RPM		High

Static Pressure		
Design:	0.75	in.w.c.
Suction:	-0.74	in.w.c.
Discharge:	1.38	in.w.c.
Actual:	2.12	in.w.c.

Duct					Design		Actual				Notes
No.	Height	Width	Insul.	Area	FPM	CFM	AFPM	CFM	SP	%	
1	20	35		4.86	122	595	128	622		105%	OA Intake

Notes:

Outside air minimum damper position 25%.

# Outlet Test Sheet

<b>Project:</b>	5730 Sweetgreen Mansfield		
<b>System:</b>	RTU-1	<b>Location:</b>	Dining
<b>Instrument:</b>	Alnor RVA801	<b>Date:</b>	10/29/24

Area Served	Outlet					Design		Final		Notes
	Drwg	No.	Type	Size	Ak	FPM	CFM	FPM	CFM	
Dining	H-100	1	SR	12x6	0.35	344	120	311	108	
Dining	H-100	2	SR	12x6	0.35	344	120	325	113	
Dining	H-100	3	SR	12x6	0.35	330	115	345	120	
Dining	H-100	4	SR	12x6	0.35	330	115	357	124	
Circulation	H-100	5	CD	8	DR		150		163	
Mech Closet	H-100	6	CD	8	DR		100		98	
East Restroom	H-100	7	CD	6	DR		60		58	
West Restroom	H-100	8	CD	6	DR		60		61	
Dining	H-100	9	SR	12x6	0.35	344	120	323	113	
Dining	H-100	10	SR	12x6	0.35	330	115	319	111	
Dining	H-100	11	SR	12x6	0.35	330	115	347	121	
Dining	H-100	12	SR	12x6	0.35	344	120	351	122	
Dining	H-100	13	SR	12x6	0.35	344	120	319	111	
Dining	H-100	14	SR	12x6	0.35	344	120	322	112	
Dining	H-100	15	SR	12x6	0.35	330	115	328	114	
Dining	H-100	16	SR	12x6	0.35	344	120	372	130	
Dining	H-100	17	SR	12x6	0.35	330	115	358	125	
							1900		1906	

Notes:

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# Fan Test Sheet

<b>Project:</b>	5730 Sweetgreen Mansfield	<b>System:</b>	RTU-2
<b>Location:</b>	Roof	<b>Serves:</b>	Kitchen
<b>Instrument:</b>	Shortridge ADM-860c	<b>Date:</b>	11/14/24

Fan Data	
Make:	Carrier
Model:	48FCDA04A2A6A0A0CO
Serial No.:	3124C05164

Motor Data			
HP:		RPM:	
Phase:	3	SF:	1.15
	Rated		Actual
Volts:	460		422-418-421
Amps:	1.20		.9-.8-.9
Hz:	60		60

Air Flow Data		
	Design	Actual
Total	1,200	1,285
Outside Air	170	165

Drive Data		
	Size	Bore
Motor		
Fan		
Belts	Direct Drive	
Centerline Dist.		
	Design	Actual
Fan RPM		Low

Static Pressure		
Design:	0.75	in.w.c.
Suction:	-0.15	in.w.c.
Discharge:	0.17	in.w.c.
Actual:	0.33	in.w.c.

Duct					Design		Actual				Notes
No.	Height	Width	Insul.	Area	FPM	CFM	AFPM	CFM	SP	%	
1	8	30		1.67	102	170	99	165		97%	OA Intake

Notes:

Outside air minimum damper position 25%.



# Fan Test Sheet

<b>Project:</b>	5730 Sweetgreen Mansfield	<b>System:</b>	EF-1
<b>Location:</b>	Roof	<b>Serves:</b>	Kitchen
<b>Instrument:</b>	Shortridge ADM-860c	<b>Date:</b>	10/29/24

Fan Data	
Make:	Greenheck
Model:	CUE- 099-4-V6-1-19-X
Serial No.:	25557950

Air Flow Data		
	Design	Actual
Total	555	597

Static Pressure		
Design:	0.75	in.w.c.
Suction:	-0.39	in.w.c.
Discharge:	Free	in.w.c.
Actual:		in.w.c.

Motor Data			
HP:	0.25	RPM:	300-1750
Phase:	1	SF:	1.25
		Rated	Actual
Volts:		115	112
Amps:		2.85	1.7
Hz:		60	60

Drive Data		
	Size	Bore
Motor		
Fan		
Belts	Direct Drive	
Centerline Dist.		
	Design	Actual
Fan RPM		Speed 5.5

Notes:



# Fan Test Sheet

<b>Project:</b>	5730 Sweetgreen Mansfield	<b>System:</b>	(N)TX
<b>Location:</b>	Roof	<b>Serves:</b>	Restrooms
<b>Instrument:</b>	Shortridge ADM-860c	<b>Date:</b>	11/14/24

Fan Data	
Make:	Greenheck
Model:	G-090-088117X90
Serial No.:	24175852

Air Flow Data		
	Design	Actual
Total	200	217

Static Pressure		
Design:		in.w.c.
Suction:	-0.25	in.w.c.
Discharge:	Free	in.w.c.
Actual:		in.w.c.

Motor Data			
HP:	0.07	RPM:	1550
Phase:	1	SF:	1.15
		Rated	Actual
Volts:		120	114
Amps:		1.20	0.8
Hz:		60	60

Drive Data		
	Size	Bore
Motor		
Fan		
Belts	Direct Drive	
Centerline Dist.		
	Design	Actual
Fan RPM		

Notes:

