

Fan Test Sheet

Project:	Chipotle	System:	RTU-1
Location:	1st Floor	Serves:	1st Floor
Instrument:	Shortridge ADM-860c	Date:	11/01/24

Fan Data	
Make:	Johnson Controls
Model:	ZJ120E36R2B5LAA2A3
Serial No.:	N2F3699299

Motor Data			
HP:	3.00	RPM:	1750
Phase:	3	SF:	1.15
	Rated		Actual
Volts:	208-230/460		289vfd
Amps:	8.3-8.2/4.1		6.2vfd
Hz:	60		40vfd

Air Flow Data		
	Design	Actual
Total	4,000	3,870
Outside Air	1,120	1,151

Drive Data		
	Size	Bore
Motor	4.5 VP	56HZ
Fan	7.25	0.75
Belts	A54	
Centerline Dist.	20.00	
	Design	Actual
Fan RPM		945

Static Pressure		
Design:	1.00	in.w.c.
Suction:	-0.62	in.w.c.
Discharge:	0.83	in.w.c.
Actual:	1.45	in.w.c.

Duct					Design		Actual				Notes
No.	Height	Width	Insul.	Area	FPM	CFM	AFPM	CFM	SP	%	
1	28	20		3.89	288	1,120	296	1,151		97%	OA intake

Notes:

Outside air minimum damper position 25%.

Outlet Test Sheet

Project:	Chipotle		
System:	RTU-1	Location:	1st Floor
Instrument:	Shortridge ADM-860c	Date:	11/01/24

Area Served	Outlet					Design		Final		Notes
	Drwg	No.	Type	Size	Ak	FPM	CFM	FPM	CFM	
1st Floor	M-100	1	CD	8	DR		200		189	
1st Floor	M-100	2	CD	12	DR		600		578	
1st Floor	M-100	3	CD	12	DR		600		609	
1st Floor	M-100	4	CD	8	DR		150		147	
1st Floor	M-100	5	CD	8	DR		200		208	
1st Floor	M-100	6	CD	8	DR		200		196	
1st Floor	M-100	7	CD	8	DR		200		191	
1st Floor	M-100	8	CD	8	DR		200		182	
1st Floor	M-100	9	CD	8	DR		250		241	
1st Floor	M-100	10	CD	8	DR		250		229	
1st Floor	M-100	11	CD	8	DR		250		236	
1st Floor	M-100	12	CD	8	DR		250		241	
1st Floor	M-100	13	CD	10	DR		325		312	
1st Floor	M-100	14	CD	10	DR		325		311	
							4000		3870	

Notes:

Fan Test Sheet

Project:	Chipotle	System:	RTU-2
Location:	1st Floor	Serves:	1st Floor
Instrument:	Shortridge ADM-860c	Date:	11/01/24

Fan Data	
Make:	Johnson Controls
Model:	ZJ120E54R2B5LAA2A3
Serial No.:	N2F3699298

Motor Data			
HP:	3.00	RPM:	1750
Phase:	3	SF:	1.15
	Rated		Actual
Volts:	208-230/460		289vfd
Amps:	8.3-8.2/4.1		6.1vfd
Hz:	60		40vfd

Air Flow Data		
	Design	Actual
Total	4,000	3,832
	1,120	1,069

Drive Data		
	Size	Bore
Motor	4.5 VP	56HZ
Fan	7.25	0.75
Belts	A54	
Centerline Dist.	20.00	
	Design	Actual
Fan RPM		924

Static Pressure		
Design:	1.00	in.w.c.
Suction:	-0.49	in.w.c.
Discharge:	0.62	in.w.c.
Actual:	1.11	in.w.c.

Duct					Design		Actual				Notes
No.	Height	Width	Insul.	Area	FPM	CFM	AFPM	CFM	SP	%	
1	28	20		3.89	288	1,120	275	1,069		105%	OA Intake

Notes:

Outside air minimum damper position 25%.

Fan Test Sheet

Project:	Chipotle	System:	EF-1
Location:	1st Floor	Serves:	1st Floor
Instrument:	Shortridge ADM-860c	Date:	11/01/24

Fan Data	
Make:	CAPTIVEAIR
Model:	DU85HFA
Serial No.:	6724925

Air Flow Data		
	Design	Actual
Total	1,900	1,860

Static Pressure		
Design:	1.20	in.w.c.
Suction:	-0.22	in.w.c.
Discharge:	Free	in.w.c.
Actual:		in.w.c.

Motor Data			
HP:	0.75	RPM:	1800
Phase:	1	SF:	1.15
		Rated	Actual
Volts:		115	109
Amps:		8.90	6.8
Hz:		60	60

Drive Data		
	Size	Bore
Motor		
Fan		
Belts	Direct Drive	
Centerline Dist.		
	Design	Actual
Fan RPM		81%

Notes:

Fan Test Sheet

Project:	Chipotle	System:	EF-2
Location:	1st Floor	Serves:	1st Floor
Instrument:	Shortridge ADM-860c	Date:	11/01/24

Fan Data	
Make:	CAPTIVEAIR
Model:	DR12HFA
Serial No.:	6724928

Air Flow Data		
	Design	Actual
Total	150	153

Static Pressure		
Design:	0.50	in.w.c.
Suction:	-0.16	in.w.c.
Discharge:	Free	in.w.c.
Actual:		in.w.c.

Motor Data			
HP:	0.25	RPM:	
Phase:	1	SF:	1.15
	Rated	Actual	
Volts:	115	104	
Amps:	2.90	1.2	
Hz:	60	60	

Drive Data		
	Size	Bore
Motor		
Fan		
Belts	Direct Drive	
Centerline Dist.		
	Design	Actual
Fan RPM		39%

Notes:

Fan Test Sheet

Project:	Chipotle	System:	EF-3
Location:	1st Floor	Serves:	1st Floor
Instrument:	Shortridge ADM-860c	Date:	11/01/24

Fan Data	
Make:	CAPTIVEAIR
Model:	DR10HFA
Serial No.:	6724928

Air Flow Data		
	Design	Actual
Total	50	53

Static Pressure		
Design:	0.10	in.w.c.
Suction:	-0.02	in.w.c.
Discharge:	Free	in.w.c.
Actual:		in.w.c.

Motor Data			
HP:	0.17	RPM:	
Phase:	1	SF:	1.15
	Rated	Actual	
Volts:	115	105	
Amps:	1.90	0.8	
Hz:	60	60	

Drive Data		
	Size	Bore
Motor		
Fan		
Belts	Direct Drive	
Centerline Dist.		
	Design	Actual
Fan RPM		43%

Notes:

