



National TAB

Project: Dorothy Lane Market (Mason, OH)

System/Unit: FAN - Exhaust

Asset: EF-11

AREA:HOOD 1

Unit Data		
	Design	Actual
MFG	NA	ACCUREX
Model Num	NA	XUEF-24-3-B7-00-02-02
Serial Num	-	24411008
Type	KEF	KEF

Test Data		
	Design	Actual
CFM	7950	7660
RL Voltage	460	483.2/489.4/478.2
RL Amperage	9.8	7.78 VFD
Suction ESP	-	-3.29"
Total ESP	2.25	3.29"
Brake Horse Power	-	5.9

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	213T
Horsepower	7.5	7.5
Motor Rpm	1169	1770
Phase	3	3
Voltage (rated)	460	460
Amperage (rated)	-	9.8
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	2AK56
Motor Bore Size	1.25"
Motor Sheave SetPt	FIXED PULLEY
Fan Sheave Size	8.25"
Fan Sheave Bore	1"
Belt CL Distance	23.25"
Num of Belts	2
Belt Size	A66

Completed By: Corey Dick on 05/28/2025

Notes:

Fan Bore Bushings: 2.5"

Fan Speed 70 HZ

Written By: Jordan Best on 05/19/2025



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Project: Dorothy Lane Market (Mason, OH)

System/Unit: FAN - Exhaust

Asset: EF-12

AREA:HOOD 2

Unit Data		
	Design	Actual
MFG	NA	ACCUREX
Model Num	NA	XUEF-22-5-B6-00-02-02
Serial Num	-	24411009
Type	KEF	KEF

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	184T
Horsepower	5.0	5
Motor Rpm	1326	1750
Phase	3	3
Voltage (rated)	460	460
Amperage (rated)	-	6.6
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	6600	6048
Fan RPM	1326	1458
RL Voltage	460	483.2/490.3/487.3
RL Amperage	6.6	6.58 VFD
Suction ESP	-	-3.35"
Total ESP	2.25	-3.35"
Brake Horse Power	-	4.9

Completed By: Corey Dick on 05/28/2025

Notes:
Fan Speed 50 HZ

Written By: Jordan Best on 05/19/2025



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Project: Dorothy Lane Market (Mason, OH)

System/Unit: FAN - Exhaust

Asset: EF-13

AREA:HOOD 3

Unit Data		
	Design	Actual
MFG	NA	INTERTEK
Model Num	NA	GSV25045-21
Serial Num	-	NA
Type	KEF	KEF

Test Data		
	Design	Actual
CFM	1300	720
RL Voltage	115	118.9
RL Amperage	2.9	1.95

Motor Data		
	Design	Actual
Motor MFG	-	EXODRAFT
Horsepower	1.0	0.33
Motor Rpm	1933	1600
Phase	3	1
Voltage (rated)	460	120
Amperage (rated)	-	2.9

Completed By: Corey Dick on 05/28/2025

Notes:
Fan below design at highest speed

Written By: Corey Dick on 05/28/2025



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Project: Dorothy Lane Market (Mason, OH)

System/Unit: FAN - Exhaust

Asset: EF-14

AREA:HOOD 4

Unit Data		
	Design	Actual
MFG	NA	ACCUREX
Model Num	NA	XUEF-12-3-B7-00-02-02
Serial Num	-	24410520
Type	KEF	KEF

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	56
Horsepower	0.5	0.5
Motor Rpm	1724	1765
Phase	3	3
Voltage (rated)	460	460
Amperage (rated)	-	0.861
Service Factor	-	1.25

Test Data		
	Design	Actual
CFM	900	918
RL Voltage	460	483.8/490.7/489.7
RL Amperage	0.8	0.75/0.76/0.72
Suction ESP	-	-1.6"
Total ESP	1.0	1.6"
Brake Horse Power	-	0.43

Completed By: Jordan Best on 08/04/2025

Notes:

Fan speed 10 VDC

Written By: Jordan Best on 08/04/2025



National TAB

Project: Dorothy Lane Market (Mason, OH)

System/Unit: FAN - Exhaust

Asset: EF-15

AREA:HOOD 5

Unit Data		
	Design	Actual
MFG	NA	ACCUREX
Model Num	NA	XUEF-13-3-B7-00-02-02
Serial Num	-	24411011
Type	KEF	KEF

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	56
Horsepower	0.39	0.75
Motor Rpm	1535	1760
Phase	3	3
Voltage (rated)	460	460
Amperage (rated)	-	1.44
Service Factor	-	1.25

Test Data		
	Design	Actual
CFM	1350	1270
RL Voltage	460	482.2/490.9/486.3
RL Amperage	1.4	0.94 VFD
Suction ESP	-	-1.2"
Total ESP	1.15	1.2"
Brake Horse Power	-	1.14

Completed By: Corey Dick on 05/28/2025

Notes:
Fan Speed 53 HZ

Written By: Corey Dick on 05/28/2025



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Project: Dorothy Lane Market (Mason, OH)

System/Unit: FAN - Exhaust

Asset: EF-16

AREA:HOOD 6

Unit Data		
	Design	Actual
MFG	NA	ACCUREX
Model Num	NA	XCUE-099-4-VG-1-22-G
Serial Num	-	24371012
Type	KEF	KEF

Test Data		
	Design	Actual
CFM	525	564
RL Voltage	115	120.1
RL Amperage	2.85	0.6
Total ESP	0.25	0.19"

Motor Data		
	Design	Actual
Motor MFG	-	VARI-GREEN
Horsepower	0.25	0.25
Motor Rpm	1616	1750
Phase	1	1
Voltage (rated)	120	120
Amperage (rated)	-	2.85
Service Factor	-	1.25

Completed By: Corey Dick on 05/28/2025

Notes:

Fan Speed 6 VDC

Written By: Jordan Best on 05/19/2025



National TAB

Project: Dorothy Lane Market (Mason, OH)

System/Unit: FAN - Exhaust

Asset: EF-17

AREA:HOOD 7

Unit Data		
	Design	Actual
MFG	NA	ACCUREX
Model Num	NA	XCUE-160-20-VG-1-26-G
Serial Num	-	24425565
Type	KEF	KEF

Test Data		
	Design	Actual
CFM	3250	2934
RL Voltage	115	118.6
RL Amperage	4.4	4.4
Total ESP	1.25	0.9"

Motor Data		
	Design	Actual
Motor MFG	-	BALDOR
Frame	-	145T
Horsepower	2.0	2
Motor Rpm	1510	1800
Phase	1	1
Voltage (rated)	208	230
Amperage (rated)	-	4.4
Service Factor	-	1

Completed By: Corey Dick on 05/28/2025

Notes:

Fan Speed 7.5 VDC

Written By: Jordan Best on 05/19/2025



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Project: Dorothy Lane Market (Mason, OH)

System/Unit: FAN - Exhaust

Asset: EF-18

AREA:HOOD 8

Unit Data		
	Design	Actual
MFG	NA	ACCUREX
Model Num	NA	XCUE-100-4-VG-1-22-G
Serial Num	-	24371013
Type	KEF	KEF

Test Data		
	Design	Actual
CFM	900	976
RL Voltage	115	119.1
RL Amperage	3.5	0.83 VFD
Total ESP	1.0	0.59"

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Horsepower	0.25	0.25
Motor Rpm	1694	1750
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	3.5

Completed By: Aaron Cosby on 08/11/2025

Notes:
40 HZ VFD

Written By: Aaron Cosby on 08/11/2025



National TAB

Project: Dorothy Lane Market (Mason, OH)

System/Unit: FAN - Exhaust

Asset: EF-19

AREA:HOOD 9

Unit Data		
	Design	Actual
MFG	NA	ACCUREX
Model Num	NA	XUEF-13-3-B7-00-02-02
Serial Num	-	24411010
Type	KEF	KEF

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	56
Horsepower	0.5	0.5
Motor Rpm	1535	1765
Phase	3	3
Voltage (rated)	460	460
Amperage (rated)	-	0.861
Service Factor	-	1.25

Test Data		
	Design	Actual
CFM	1350	1296
RL Voltage	460	488.3/487.1/490.4
RL Amperage	0.8	0.86 VFD
Suction ESP	-	-1.9"
Total ESP	1.15	1.9"
Brake Horse Power	-	0.5

Completed By: Corey Dick on 05/28/2025

Notes:
Fan Speed 60 HZ

Written By: Jordan Best on 05/19/2025



National TAB

Project: Dorothy Lane Market (Mason, OH)

System/Unit: FAN - Exhaust

Asset: EF-20

AREA:HOOD 10

Unit Data		
	Design	Actual
MFG	NA	ACCUREX
Model Num	NA	XCUE-100-4-VG-1-22-G
Serial Num	-	24371014
Type	KEF	KEF

Test Data		
	Design	Actual
CFM	900	881
RL Voltage	460	121.4
RL Amperage	3.5	2.72
Total ESP	0.25	0.65"

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Horsepower	0.25	0.25
Motor Rpm	1694	1750
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	3.5

Completed By: Corey Dick on 05/28/2025

Notes:
Fan Speed 7 VDC

Written By: Jordan Best on 05/20/2025



National TAB

Project: Dorothy Lane Market (Mason, OH)

System/Unit: FAN - Exhaust

Asset: EF-21

AREA:HOOD 11

Unit Data		
	Design	Actual
MFG	NA	ACCUREX
Model Num	NA	XCUE-140-10-VG-1-26-G
Serial Num	-	24371015
Type	KEF	KEF

Test Data		
	Design	Actual
CFM	2000	2034
RL Voltage	460	122.6
RL Amperage	11.5	4.14
Total ESP	1.0	0.55"

Motor Data		
	Design	Actual
Motor MFG	-	VARIGREEN
Horsepower	1.0	1.0
Motor Rpm	1514	1750
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	11.5

Completed By: Corey Dick on 05/28/2025

Notes:

Fan Speed 7 VDC

Written By: Jordan Best on 05/20/2025



National TAB

Project: Dorothy Lane Market (Mason, OH)

System/Unit: Kitchen Hood Type I

Asset: KH-6

AREA:CORRIDOR

Unit Data

	Design	Actual
MFG	NA	ACCUREX
Model Num	NA	XXEW-42.00-S
Job / Serial Num	-	24403851
Type	TYPE 1 CANOPY	TYPE I CANOPY
Hood length	42"	42"
Hood Width	48"	48"

Test Data Exhaust

	Design	Actual
Filter Type	X-TRACTOR	X-TRACTOR
Filter Size 1	20X20	20"X20"
Filter Qty 1	2	2
Filter AK factor size 1	3.00	2
Filter Total AK Area	6	6
Filter1 FPM	-	92
Filter2 FPM	-	96
Filter Ave FPM(corr)	-	94
CFM	525	564

Completed By: Jordan Best on 05/19/2025



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Project: Dorothy Lane Market (Mason, OH)

System/Unit: Kitchen Hood Type I

Asset: KH-7

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XXEW-120-S	XXEW-120.00-S
Job / Serial Num	-	24403852
Type	TYPE 1 CANOPY	TYPE I CANOPY
Hood length	120"	120"
Hood Width	54"	54"
Supply Plenum Type	-	ASP
Supply Plenum Width	18"	18"
Supply Plenum Length	120"	120"

Test Data Supply		
	Design	Actual
Ave FPM(corr)	-	1494
CFM	3020	2989

Test Data Exhaust		
	Design	Actual
Filter Type	X-TRACTOR	X-TRACTOR
Filter Size 1	20X20"	20X20"
Filter Qty 1	6	6
Filter AK factor size 1	3.00	3
Filter Total AK Area	18	18
Filter1 FPM	-	156
Filter2 FPM	-	155
Filter3 FPM	-	174
Filter4 FPM	-	179
Filter5 FPM	-	155
Filter6 FPM	-	164
Filter Ave FPM(corr)	-	163
CFM	3250	2934

Cooking Equipment	
	Actual
Item 1	GRILL

Completed By: Jordan Best on 05/20/2025

Notes:

. MUA balanced via traverse for more accurate measurement.

Written By: Jordan Best on 05/20/2025



National TAB

Project: Dorothy Lane Market (Mason, OH)

System/Unit: Kitchen Hood Type I

Asset: KH-8

AREA:AUTO WRAP

Unit Data		
	Design	Actual
MFG	NA	ACCUREX
Model Num	NA	XXEW-48.00-S
Job / Serial Num	-	24403859
Type	TYPE 1 CANOPY	TYPE I CANOPY
Hood length	48"	48"
Hood Width	48"	48"

Test Data Exhaust		
	Design	Actual
Filter Type	X-TRACTOR	X-TRACTOR
Filter Size 1	20X16"	20X16"
Filter Qty 1	3	3
Filter AK factor size 1	2.26	2.26
Filter Total AK Area	6.78	6.78
Filter1 FPM	-	151
Filter2 FPM	-	143
Filter3 FPM	-	138
Filter Ave FPM(corr)	-	144
CFM	900	976

Cooking Equipment	
	Actual
Item 1	CHICKEN ROLLER

Completed By: Aaron Cosby on 08/11/2025