

Report By:

National TAB
1329 E. KEMPER ROAD
SUITE 4210
CINCINNATI, OH 45246



Report: TAB Report
Function: Test, Adjust, & Balance
Date: 11/25/2025
Completed By: National TAB

PROJECT
11-17-25 CHILIS GREENSBURG, PA

400 Greengate Centre Cir

Greensburg, PA

Client

Brinker
3000 Olympus Blvd
Coppell, TX 75019

National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

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National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: AHU/RTU



Asset: RTU-1

AREA:

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Serial Num	-	5604M05799
Model Num	NA	LGC180H2BS2Y
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	3
OA Filter Size 1	-	24"X18"
Num Final Filter 1	-	6
Final Filter Size 1	-	24"X24"X2"

Motor Data		
	Design	Actual
Motor MFG	-	US ELECTRIC
Frame	-	184T
Horsepower	-	5
Motor Rpm	-	1745
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	13.9
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	4.75"
Motor Bore Size	1.125"
Motor Sheave SetPt	
Fan Sheave Size	BK100
Fan Sheave Bore	1.4375"
Belt CL Distance	21.25"
Num of Belts	1
Belt Size	BX62

Test Data		
	Design	Actual
SF CFM	6000	6523
RA CFM	-	5058
OA CFM	1500	1465
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	CORRECT
Min OA Damper Position	-	SEE TEST DATA ATTACHMENTS
Min OA Damper Type	-	ECON
OA Enthalpy Setpt	-	d

Performance Data	
	Actual
MA Plenum SP	
Fan Suction SP	
Fan Discharge SP	
Total ESP	
Fan Total SP	

Notes:
Supply total 375 CFM per ton (15-ton unit)

Written By: Jordan Best on 11/17/2025

Unit Data - PHOTO LOG



11/18/2025

National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: AHU/RTU



Asset: RTU-2

AREA:

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Model Num	NA	LGC180H2BS2Y
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	3
OA Filter Size 1	-	24"X18"
Num Final Filter 1	-	6
Final Filter Size 1	-	24"X24"X2'

Motor Data		
	Design	Actual
Motor MFG	-	US ELECTRIC
Frame	-	184T
Horsepower	-	5
Motor Rpm	-	1745
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	13.9
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	4.75"
Motor Bore Size	1.125"
Motor Sheave SetPt	1.5
Fan Sheave Size	BK100
Fan Sheave Bore	1.4375"
Belt CL Distance	21.25"
Num of Belts	1
Belt Size	BX62

Test Data		
	Design	Actual
SF CFM	6000	6667
RA CFM	-	
OA CFM	1500	1530
RL Voltage	-	211.7 / 211.3 / 210.5
RL Amperage	-	10.3 / 10.2 / 8.3
SF Rotation	-	CORRECT
Min OA Damper Position	-	MIN
Min OA Damper Type	-	ECON
OA Enthalpy Setpt	-	D

Performance Data	
	Actual
MA Plenum SP	-0.56"
Fan Suction SP	-0.86"
Fan Discharge SP	0.28"
Total ESP	
Fan Total SP	

Notes:
Supply total 375 CFM per ton (15-ton unit)

Written By: Jordan Best on 11/17/2025

Unit Data - PHOTO LOG



11/18/2025

National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: AHU/RTU



Asset: RTU-3

AREA:

Unit Data		
	Design	Actual
MFG	NA	LENNOX
Serial Num	-	5624L05562
Model Num	NA	LGT180H4MS1Y
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	3
OA Filter Size 1	-	24"X16"
Num Final Filter 1	-	6
Final Filter Size 1	-	24"X24"X2"

Motor Data		
	Design	Actual
Motor MFG	-	US ELECTRIC
Frame	-	184T
Horsepower	-	5
Motor Rpm	-	1745
Phase	-	3
Rated Voltage	-	208
Rated Amperage	-	13.9
Service Factor	-	1.15

Drive Data	
	Actual
Motor Sheave Size	4.75"
Motor Bore Size	1.125"
Motor Sheave SetPt	1
Fan Sheave Size	BK100
Fan Sheave Bore	1.4375"
Belt CL Distance	21.25"
Num of Belts	1
Belt Size	BX62

Test Data		
	Design	Actual
SF CFM	6000	
SF RPM	-	
RA CFM	-	
OA CFM	1500	1587
RL Voltage	-	209.4 / 212.1 / 210.4
RL Amperage	-	10.4 / 10.4 / 11.1
SF Rotation	-	CORRECT
SF System SetPt	-	60 HZ
Min OA Damper Position	-	SET MANUALLY
Min OA Damper Type	-	ECON
OA Enthalpy Setpt	-	D

Performance Data	
	Actual
MA Plenum SP	-0.65"
Fan Suction SP	-0.98"
Fan Discharge SP	0.39"
Total ESP	
Fan Total SP	

Notes:
Supply total 375 CFM per ton (15-ton unit)

Written By: Jordan Best on 11/17/2025

Unit Data - PHOTO LOG



11/18/2025

National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: FAN - Exhaust



Asset: EF5

AREA:

Unit Data	
	Actual
MFG	COOK
Model Num	120-ACE-120C13D33
Serial Num	008S811323-00/0004801

Test Data		
	Design	Actual
CFM	-	

Motor Data		
	Design	Actual
Horsepower	-	0.25
Motor Rpm	-	1300
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	3.2

Unit Data - PHOTO LOG



11/18/2025

National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: FAN - Exhaust



Asset: EF6

AREA:

Unit Data	
	Actual
MFG	NA
Model Num	20R-15D-120-ACRU
Serial Num	008SL51193-00/0001603

Test Data		
	Design	Actual
CFM	-	

Motor Data		
	Design	Actual
Horsepower	-	0.25
Motor Rpm	-	1550
Phase	-	1
Voltage (rated)	-	115
Amperage (rated)	-	3.2

Unit Data - PHOTO LOG



11/18/2025

National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: FAN - Exhaust



Asset: EF-1

AREA:HD1

Unit Data	
	Actual
MFG	NA
Model Num	135-VCR-135V17D
Serial Num	008SJ24700-00/0022205

Test Data		
	Design	Actual
CFM	-	

Motor Data		
	Design	Actual
Horsepower	-	0.75
Motor Rpm	-	1750
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	2.48

Unit Data - PHOTO LOG



11/18/2025

National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: FAN - Exhaust



Asset: EF-2

AREA:HD2

Unit Data	
	Actual
MFG	NA
Model Num	135-VCR-135V17D
Serial Num	008SK47116-00/0000701

Test Data		
	Design	Actual
CFM	-	

Motor Data		
	Design	Actual
Horsepower	-	0.75
Motor Rpm	-	1750
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	2.48

Unit Data - PHOTO LOG



11/18/2025

National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: FAN - Exhaust



Asset: EF-3

AREA:HD3

Unit Data	
	Actual
MFG	NA
Model Num	165-VCRH-165VH17D
Serial Num	008SD65126-00/0000701

Test Data		
	Design	Actual
CFM	-	

Motor Data		
	Design	Actual
Horsepower	-	1
Motor Rpm	-	1725
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	3.2

Unit Data - PHOTO LOG



11/18/2025

National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: FAN - Exhaust



Asset: EF-4

AREA:HD4

Unit Data	
	Actual
MFG	NA
Model Num	NA
Serial Num	NA

Test Data		
	Design	Actual
CFM	500	

Motor Data		
	Design	Actual
Horsepower	-	0.5
Motor Rpm	-	1725
Phase	-	3
Voltage (rated)	-	208
Amperage (rated)	-	1.8

Unit Data - PHOTO LOG



11/18/2025

National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:FRYERS

Unit Data		
	Design	Actual
MFG	NA	HALTON
Model Num	NA	NA
Hood length	-	84"
Hood Width	-	36"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLE
Filter Size 1	-	12"X20"
Filter Qty 1	-	4
Filter AK factor size 1	-	1.54
Filter1 FPM	-	353
Filter2 FPM	-	205
Filter3 FPM	-	183
Filter4 FPM	-	193
Filter Ave FPM(corr)	-	233.5
CFM	1330	1438

Cooking Equipment	
	Actual
Item 1	FRYER
Item 2	FRYER
Item 3	FRYER
Item 4	FRYER

Test Data Supply		
	Design	Actual
AK factor	-	
Kv factor (Vel)	-	
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	-	

Notes:

Recommended design: 180 CFM/LFT

Written By: Dan Hertenstein on 11/18/2025

Unit Data - PHOTO LOG



11/18/2025



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National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: Kitchen Hood Type I



Asset: HD2

AREA:GRILL

Unit Data		
	Design	Actual
MFG	NA	HALTON
Model Num	NA	NA
Hood length	-	72"
Hood Width	-	54"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLE
Filter Size 1	-	12"X20"
Filter Qty 1	-	3
Filter AK factor size 1	-	1.54
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter Ave FPM(corr)	-	
CFM	1350	

Cooking Equipment	
	Actual
Item 1	
Item 2	
Item 3	
Item 4	

Test Data Supply		
	Design	Actual
AK factor	-	
Kv factor (Vel)	-	
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	-	

Notes:

Hood Left (griddle) requires a full length end panel to capture
 Recommended design: 180 CFM/LFT

Written By: Dan Hertenstein on 11/18/2025

Unit Data - PHOTO LOG



11/18/2025



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National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: Kitchen Hood Type I



Asset: HD3

AREA:OVEN

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Job / Serial Num	-	
Hood length	-	91"
Hood Width	-	54"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLE
Filter Size 1	-	12"X20"
Filter Qty 1	-	4
Filter AK factor size 1	-	1.54
Filter1 FPM	-	281
Filter2 FPM	-	324
Filter3 FPM	-	363
Filter4 FPM	-	224
Filter Ave FPM(corr)	-	298
CFM	1327	1835

Cooking Equipment	
	Actual
Item 1	
Item 2	
Item 3	
Item 4	

Test Data Supply		
	Design	Actual
AK factor	-	
Kv factor (Vel)	-	
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	-	

Notes:
 Hood Right (pastry oven) no other equipment under it:
 Recommended design: 100 CFM/LFT and block off a few filters that are not immediately around the oven.

Written By: Dan Hertenstein on 11/18/2025

Unit Data - PHOTO LOG



11/18/2025



11/18/2025

National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: Kitchen Hood Type I



Asset: HD4

AREA:COMBI OVEN

Unit Data		
	Design	Actual
MFG	NA	HALTON
Model Num	NA	NA
Hood length	-	66"
Hood Width	-	51"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLE
Filter Size 1	-	16"X20"
Filter Qty 1	-	3
Filter AK factor size 1	-	2
Filter1 FPM	-	208
Filter2 FPM	-	217
Filter3 FPM	-	209
Filter Ave FPM(corr)	-	211.3
CFM	500	1268

Cooking Equipment	
	Actual
Item 1	
Item 2	
Item 3	
Item 4	

Test Data Supply		
	Design	Actual
AK factor	-	
Kv factor (Vel)	-	
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	-	

Notes:

Recommended design: 180 CFM/LFT and place an extended splash guard on the fryer right end, extend up 18"

Written By: Dan Hertenstein on 11/18/2025

Unit Data - PHOTO LOG



11/18/2025



11/18/2025



11/18/2025

National TAB

Project: 11-17-25 CHILIS GREENSBURG, PA

System/Unit: Kitchen Hood Type I



Asset: HD5

AREA:DISH WASHER

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Hood length	-	
Hood Width	-	

Test Data Exhaust		
	Design	Actual
Filter Type	-	
Filter Size 1	-	
Filter Size 2	-	
Filter Qty 1	-	
Filter Qty 2	-	
Filter AK factor size 1	-	
Filters AK factor size 2	-	
Filter1 FPM	-	
Filter2 FPM	-	
Filter3 FPM	-	
Filter4 FPM	-	
Filter5 FPM	-	
Filter6 FPM	-	
Filter7 FPM	-	
Filter8 FPM	-	
Filter9 FPM	-	
Filter10 FPM	-	
Filter11 FPM	-	
Filter12 FPM	-	
Filter Ave FPM(corr)	-	
CFM	-	

Cooking Equipment	
	Actual
Item 1	
Item 2	
Item 3	
Item 4	

Test Data Supply		
	Design	Actual
AK factor	-	
Kv factor (Vel)	-	
Num of Readings	-	
Reading1 FPM	-	
Reading2 FPM	-	
Reading3 FPM	-	
Reading4 FPM	-	
Reading5 FPM	-	
Reading6 FPM	-	
Reading7 FPM	-	
Reading8 FPM	-	
Reading9 FPM	-	
Reading10 FPM	-	
Reading11 FPM	-	
Reading12 FPM	-	
Reading13 FPM	-	
Reading14 FPM	-	
Ave FPM(corr)	-	
CFM	-	

Unit Data - PHOTO LOG



11/18/2025

CheckList List

- 01: EF EVALUATION
- 02: HOOD EVALUATION
- 03: RTU EVALUATION
- 04: FINAL CHECKS



11-17-25 CHILIS GREENSBURG, PA

CheckList Information

Name : 01: EF EVALUATION **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 11/13/2025 - Trinity Dodds - National TAB

Completed Date : 11/20/2025 - Jordan Best - National TAB

CheckList Item Details

Exhaust Fan

Rotation is correct?	Pass
-----------------------------	------

Comment:

Belts are tight (if applicable)?	N/A
---	-----

Comment:

Speed controller installed and functional (if applicable)?	Fail
---	------

Comment:

Only1 VFD functional, others are bypassed. Unable to adjust fan speeds.

There is no major leakage around base of fan?	Pass
--	------

Comment:

Back draft damper installed for non grease fans and can it fully open?	N/A
---	-----

Comment:

Unable to remove restroom fan from curb.

No abnormal noise and vibration?	Pass
---	------

Comment:



11-17-25 CHILIS GREENSBURG, PA

CheckList Information

Name : 02: HOOD EVALUATION **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 11/13/2025 - Trinity Dodds - National TAB

Completed Date : 11/20/2025 - Jordan Best - National TAB

CheckList Item Details

HOODS

All hood filters installed and accounted for? Pass

Comment:

Hoods are wired and have power? Pass

Comment:

Hood is free of alarms? Fail

Comment:

Hood control system is not working as designed. Several VFD's bypassed, staff turns hoods on at breaker panel.

Hood is free of damage? Pass

Comment:

Quarter or full vertical end panels are installed? Fail

Comment:

Recommend floor length end panel for Hood 2 to improve smoke capture.

If PSP's are installed do they appear to be clean Pass

Comment:



11-17-25 CHILIS GREENSBURG, PA

CheckList Information

Name : 03: RTU EVALUATION **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 11/13/2025 - Trinity Dodds - National TAB

Completed Date : 11/20/2025 - Jordan Best - National TAB

CheckList Item Details

RTU Inspection

Unit is free of damage	Pass
-------------------------------	------

Comment:

No abnormal noise or vibration	Pass
---------------------------------------	------

Comment:

Evaporator coil is clean and free of damage	Fail
--	------

Comment:

Filters are clean	Pass
--------------------------	------

Comment:

Blower wheel is clean	Fail
------------------------------	------

Comment:

Belt is tight	Pass
----------------------	------

Comment:

Outside air damper is functional	Fail
---	------

Comment:

Condenser coil is clean and free of damage

Pass

Comment:

Condensate drain is installed

Pass

Comment:

Water is draining properly from the unit and is not pooling up

Pass

Comment:

Dehumidification

Does RTU have dehumidification? If so answer the questions below.

N/A

Comment:

If yes, is the humidity sensor wired properly at the RTU?

N/A

Comment:

What RH % is the unit displaying?

N/A

Comment:

Increase the RH setpoint to force the unit into dehumidification and confirm that it goes into dehumidification mode

N/A

Comment:

Set the dehumidification setpoint to 60%

N/A

Comment:

Cooling

Turn the thermostat down to force the unit into cooling and confirm that all compressors and condenser fans stage on

N/A

Comment:

Forgot to do this step while on site.



11-17-25 CHILIS GREENSBURG, PA

CheckList Information

Name : 04: FINAL CHECKS **Status :** Completed

Assigned Organization : National TAB **Asset :**

Requesting Organization : National TAB

Created Date : 11/13/2025 - Trinity Dodds - National TAB

Completed Date : 11/20/2025 - Jordan Best - National TAB

CheckList Item Details

FINAL CHECKS

HOOD CAPTURE TEST

List kitchen equipment turned on for testing

Comment:

All

List smoke candle type used

Comment:

S-102 45 Second

Smoke test capture % - Perimeter of hood

Comment:

Hood-1:100% Hood-2: 50% Hood-3:100% Hood-4: 100% Hood-5: N/A

Smoke test capture % - Top of cooking surface

Comment:

Hood-1:100% Hood-2: 50% Hood-3:100% Hood-4: 100% Hood-5: N/A

WITNESS

Date test was completed

11/19/2025

Comment:

Owner representative name / Firm (if Applicable)

Comment:

N/A

Video record smoke capture

Comment:

N/A

BUILDING PRESSURE

Do actual net building airflow, design net building airflow, and pressure coincide? If not why? (All three should either be positive or negative)

Pass

Comment:

PROGRAM THERMOSTAT SCHEDULE

Confirm the time is correct on each thermostat

N/A

Comment:

Forgot to program thermostats.

Occupied = 7:30am

N/A

Comment:

Occupied fan = ON

N/A

Comment:

Occupied temperature = 72 cooling / 68 heating

N/A

Comment:

Forgot to program thermostats.

Unoccupied = 1am

N/A

Comment:

Unoccupied fan = Auto

N/A

Comment:

Unoccupied temperature = 77 cooling / 63 heating

N/A

Comment:

Forgot to program thermostats.