

Report By:

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**Report: TAB REPORT**  
**Function: Test, Adjust, & Balance**  
**Date: 02/02/2024**

**PROJECT**  
**02-05-24 PERRY'S - VERNON HILLS, IL**

122 HAWTHORN CENTER

VERNON HILLS, IL 60061

Client

Air Supply HVAC  
8N450 TAMLING CT  
UNIT B  
BARTLETT, IL 60103

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## Table Of Contents

<b>Section</b>	<b>Page #</b>
Checklist Data	3
AHU/RTU	19
FAN - Exhaust	45
FAN - Supply	55
Fan Coil	56
Kitchen Hood Type I	70
File Data	74

## CheckList List

- TECH - SITE PICTURES
- TECH - STEP 1: INITIAL SITE WALKTHROUGH
- TECH - STEP 2: UNIT DATA AND EVAL
- TECH - STEP 3: TEST, ADJUST AND BALANCE
- TECH - STEP 4: FINAL TESTS
- TECH - STEP 5: FINAL DOCUMENTATION





**RTU-2(2)**  
**02/05/2024**

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RTU-3

**Comment:**



**RTU-3(3)**  
**02/05/2024**

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RTU-4

**Comment:**



**RTU-4**  
**02/05/2024**

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RTU-5

**Comment:**



**RTU-5**  
**02/05/2024**

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RTU-6

**Comment:**

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RTU-7

**Comment:**

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RTU-8

**Comment:**

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RTU-9

**Comment:**

RTU-10

**Comment:**

RTU-11

**Comment:**

RTU-12

**Comment:**

RTU-13

**Comment:**



**RTU-13**  
**02/05/2024**

MAU-1

**Comment:**

EF-1

**Comment:**

EF-2

**Comment:**

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EF-3

**Comment:**

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EF-4

**Comment:**

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EF-5

**Comment:**

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EF-6

**Comment:**

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EF-7

**Comment:**

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EF-8

**Comment:**

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EF-9

**Comment:**

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EF-10

**Comment:**

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HOOD-1

**Comment:**

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HOOD-2

**Comment:**

---

HOOD-3

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**Comment:**

---

HOOD-4

---

**Comment:**

---

HOOD-5

---

**Comment:**

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## 02-05-24 PERRY'S - VERNON HILLS, IL

### CheckList Information

**Name :** TECH - STEP 1: INITIAL SITE WALKTHROUGH    **Status :** Not Completed  
**Assigned Organization :** National TAB    **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 01/24/2024 - Brian Turnbough - National TAB

### CheckList Item Details

#### INITIAL SITE WALKTHROUGH

All diffusers and grilles are installed and match design?

**Comment:**

All hood filters installed and accounted for?

**Comment:**

Hoods are wired and have power?

**Comment:**

Hood is free of alarms?

**Comment:**

Thermostats have power?

**Comment:**

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?

**Comment:**



## 02-05-24 PERRY'S - VERNON HILLS, IL

### CheckList Information

**Name :** TECH - STEP 2: UNIT DATA AND EVAL **Status :** Not Completed  
**Assigned Organization :** National TAB **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 01/24/2024 - Brian Turnbough - National TAB

### CheckList Item Details

UNIT DATA AND EVALUATION WHILE GATHERING UNIT DATA CHECK THE FOLLOWING:

RTU's/AHU's

Economizers are assembled and functional?

**Comment:**

DCV Max damper opening position is set to minimum?

**Comment:**

Free cooling enthalpy set point set for lowest setting (Typically "D")

**Comment:**

Motors are all operating below the FLA rating?

**Comment:**

Are belts tight?

**Comment:**

If direct drive unit is the speed controller working.

**Comment:**

Is gas piping installed and valves turned on?

**Comment:**

Unit free of noticeable noise and vibration

**Comment:**

**EF's**

Rotation is correct?

**Comment:**

Belts are tight?

**Comment:**

Grease cup installed on hood fan?

**Comment:**

Hinge kit installed installed on hood fan?

**Comment:**

Lean fan back. Is grease duct installation adequate and is duct ran all the way to the base of the fan?

**Comment:**

Flex conduit is long enough so that fan can be completely tilted back?

**Comment:**

There is no major leakage around base of fan?

**Comment:**

Is the motor operating below the motor FLA rating?

**Comment:**

For restroom fan(s) is the back draft damper installed and can it fully open?

**Comment:**

---

Unit free of noticeable noise and vibration?

**Comment:**

---

**MUA**

---

Rotation is correct?

**Comment:**

---

Gas piping is installed and valves are in on position?

**Comment:**

---

Heater tested and is functional?

**Comment:**

---

Internal motorized damper is fully opening?

**Comment:**

---

Motor is operating below the FLA rating?

**Comment:**

---

Unit free of noticeable noise and vibration?

**Comment:**

---

**HOODS**

---

Kitchen equipment installed in proper places?

**Comment:**

---

Can kitchen equipment be turned on for final smoke test?

**Comment:**

---

**DOCUMENTATION**

---

Have trades/general contractor been notified about any issues and are they created on FaciliBuild?

**Comment:**



## 02-05-24 PERRY'S - VERNON HILLS, IL

### CheckList Information

**Name :** TECH - STEP 3: TEST, ADJUST AND BALANCE      **Status :** Not Completed  
**Assigned Organization :** National TAB      **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 01/24/2024 - Brian Turnbough - National TAB

### CheckList Item Details

**TEST, ADJUST, AND BALANCE ALL EQUIPMENT:**

**DURING TESTING MAKE NOTE OF THE FOLLOWING:**

Is space free of drafting?

**Comment:**

Is space comfortable in all areas?

**Comment:**

Is the space free of ventilation noise?

**Comment:**

If deviations from design were necessary to resolve 1-3 what were they? Otherwise put "NA".

**Comment:**



## 02-05-24 PERRY'S - VERNON HILLS, IL

### CheckList Information

**Name :** TECH - STEP 4: FINAL TESTS      **Status :** Not Completed  
**Assigned Organization :** National TAB      **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 01/24/2024 - Brian Turnbough - National TAB

### CheckList Item Details

#### FINAL TESTS

#### HOOD CAPTURE TEST

List equipment turned on for testing

#### Comment:

List smoke candle type used

#### Comment:

Smoke test capture - Perimeter of hood

#### Comment:

Smoke test capture - Top of cooking surface

#### Comment:

#### WITNESS

Date test was completed

#### Comment:

TAB tech name / Firm

**Comment:**

---

Site super name / Firm

**Comment:**

---

Owner representative name / Firm (if Applicable)

**Comment:**

---

Building pressure at front & back doors (All Systems On)

**Comment:**

---

**ADDITIONAL**

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

**Comment:**

---

Thermostats are programmed?

**Comment:**

---



## 02-05-24 PERRY'S - VERNON HILLS, IL

### CheckList Information

**Name :** TECH - STEP 5: FINAL DOCUMENTATION      **Status :** Not Completed  
**Assigned Organization :** National TAB      **Asset :**  
**Requesting Organization :** National TAB  
**Created Date :** 01/24/2024 - Brian Turnbough - National TAB

### CheckList Item Details

#### FINAL DOCUMENTATION

Marked Data capture complete for all assets?

**Comment:**

Picture file sent to processing team or uploaded?

**Comment:**

Balance schedule complete and uploaded?

**Comment:**

Prelim report generated and reviewed?

**Comment:**

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: AHU/RTU



Asset: RTU11

AREA:SCULLERY/RR/OFFICES/PREP/STORAGE/DELIVERY

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	234110035D
Model Num	YHD180	YHD180
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	65X17
Num Final Filter 1	-	8
Final Filter Size 1	-	20X24X2

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	NL
Horsepower	3.00	3.0
Motor Rpm	-	
Phase	3	3
Rated Voltage	408	460
Rated Amperage	-	4.6

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

Test Data		
	Design	Actual
SF CFM	4800	
SF RPM	-	
RA CFM	3925	
OA CFM	875	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.00	
Fan Total SP	-	

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU11/SCULLERY/RR/OFFICES/PREP/STORAGE/DELIVERY

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU11-SGRD1	CHAIR STORAGE	SD-4	6"	100	1.0	124	86	96	96.0
RTU11-SGRD2	PREP	SD-1	10"	325	1.0	409	288	295	90.8
RTU11-SGRD3	PREP	SD-1	12"	325	1.0	665	444	310	95.4
RTU11-SGRD4	PREP	SD-1	12"	325	1.0	701	493	309	95.1
RTU11-SGRD5	PREP	SD-1	12"	325	1.0	451	336	298	91.7
RTU11-SGRD6	PREP	SD-1	12"	325	1.0	642	456	338	104.0
RTU11-SGRD7	PREP	SD-3	10X12	300	1.0	384	326	303	101.0
RTU11-SGRD8	PREP	SD-1	12"	325	1.0	422	287	308	94.8
RTU11-SGRD9	PREP	SD-1	12"	325	1.0	535	375	311	95.7
RTU11-SGRD10	COOLER I	SD-1	12"	325	1.0	326	224	304	93.5
RTU11-SGRD11	PREP	SD-1	10"	325	1.0	344	226	301	92.6
RTU11-SGRD12	SCULLERY	SD-1	10"	325	1.0	429	298	314	96.6
RTU11-SGRD13	SCULLERY	SD-1	12"	325	1.0	631	431	354	108.9
RTU11-SGRD14	UNISEX TOILET	SD-4	6"	25	1.0	105	67	23	92.0
RTU11-SGRD15	OFFICE I	SD-5	10"	250	1.0	336	229	232	92.8
RTU11-SGRD16	OFFICE II	SD-5	10"	250	1.0	108	81	242	96.8
RTU11-SGRD17	DELIVERY	SD-1	10"	300	1.0	346	240	283	94.3
Total				4800		6958	4887	4621	96.27%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: AHU/RTU



Asset: RTU12

AREA:SERVICE

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	234510470L
Model Num	YHD150	YHD150
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	37.5X24
Num Final Filter 1	-	3
Final Filter Size 1	-	18X18X2
Num Final Filter 2	-	3
Final Filter Size 2	-	18X24X2

Test Data		
	Design	Actual
SF CFM	4800	
SF RPM	-	
RA CFM	3925	
OA CFM	875	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	NL
Horsepower	3.00	5.0
Motor Rpm	-	
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	5.5

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	1.00"	
Fan Total SP	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU12/SERVICE

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU12-SGRD1	BUSSER/BREA D	SD-1	12"	375	1.0	570			-
RTU12-SGRD2	SERVICE	SD-1	12"	425	1.0	487			-
RTU12-SGRD3	SERVICE	SD-1	12"	475	1.0	451			-
RTU12-SGRD4	SERVICE	SD-1	12"	475	1.0	546			-
RTU12-SGRD5	SERVICE	SD-1	12"	475	1.0	489			-
RTU12-SGRD6	SERVICE	SD-1	12"	475	1.0	511			-
RTU12-SGRD7	SERVICE	SD-1	12"	475	1.0	423			-
RTU12-SGRD8	SERVICE	SD-1	12"	475	1.0	279			-
RTU12-SGRD9	SERVICE	SD-1	12"	350	1.0	349			-
RTU12-SGRD10	SERVICE BAR	SD-1	12"	375	1.0	504			-
RTU12-SGRD11	SERVICE BAR	SD-1	12"	375	1.0	250			-
Total				4750		4859	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: AHU/RTU



Asset: RTU1

AREA:ENTRY/HOST/LOBBY

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	233610941L
Model Num	YHC060	YHC060
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	37.5X24
Num Final Filter 1	-	4
Final Filter Size 1	-	16X25X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56
Horsepower	1.00	1.0
Motor Rpm	-	1725
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	1.6

Drive Data		
	Design	Actual
Motor Sheave Size	-	3"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	
Fan Sheave Size	-	AK49
Fan Sheave Bore	-	3/4"
Belt CL Distance	-	10.5"
Num of Belts	-	1
Belt Size	-	AX29
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	1600	
SF RPM	-	904
RA CFM	1400	
OA CFM	200	
RL Voltage	-	
RL Amperage	-	1.4
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU1/ENTRY/HOST/LOBBY

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU1-SGRD1	LOBBY	PSD-1	8"	200					-
RTU1-SGRD2	LOBBY	PSD-1	8"	200					-
RTU1-SGRD3	VESTIBULE	PSD-1	8"	150					-
RTU1-SGRD4	VESTIBULE	PSD-1	8"	150					-
RTU1-SGRD5	HOST	PSD-1	8"	200					-
RTU1-SGRD6	HOST	PSD-1	8"	75					-
RTU1-SGRD7	HOST	PSD-1	8"	200					-
RTU1-SGRD8	HOST	PSD-1	8"	150					-
RTU1-SGRD9	HOST	PSD-1	8"	125					-
RTU1-SGRD10	HOST	PSD-1	8"	150					-
Total				1600		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: AHU/RTU



Asset: RTU2

AREA:BAR DINING

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	234510437L
Model Num	YHD150	YSJ150
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	37.5X24
Num Final Filter 1	-	3
Final Filter Size 1	-	18X24X2
Num Final Filter 2	-	3
Final Filter Size 2	-	18X18X2

Test Data		
	Design	Actual
SF CFM	4000	
SF RPM	-	
RA CFM	3240	
OA CFM	760	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	NL
Horsepower	3.00	5.0
Motor Rpm	-	1940
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	5.5

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75	
Fan Total SP	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU2/BAR DINING

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU2-SGRD1	BAR DINING	PSD-3	12"	575					-
RTU2-SGRD2	BAR DINING	PSD-3	12"	570					-
RTU2-SGRD3	BAR DINING	PSD-3	12"	570					-
RTU2-SGRD4	BAR DINING	PSD-3	12"	570					-
RTU2-SGRD5	BAR DINING	PSD-3	12"	570					-
RTU2-SGRD6	BAR DINING	PSD-3	12"	570					-
RTU2-SGRD7	BAR DINING	PSD-3	12"	575					-
Total				4000		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: AHU/RTU



Asset: RTU3

AREA:BAR

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	233610933L
Model Num	YHC048	YHC048
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	37.5X24
Num Final Filter 1	-	4
Final Filter Size 1	-	16X25X2

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Frame	-	56
Horsepower	1.00	1.0
Motor Rpm	-	1725
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	1.6

Drive Data		
	Design	Actual
Motor Sheave Size	-	3"
Motor Bore Size	-	7/8"
Motor Sheave SetPt	-	
Fan Sheave Size	-	AK51
Fan Sheave Bore	-	3/4"
Belt CL Distance	-	10.5"
Num of Belts	-	1
Belt Size	-	AX29
Belt Alignment	-	VERIFIED

Test Data		
	Design	Actual
SF CFM	1280	
SF RPM	-	
RA CFM	1080	
OA CFM	200	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU3/BAR

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU3-SGRD1	BAR	PSD-1	8"	140					-
RTU3-SGRD2	BAR	PSD-1	8"	140					-
RTU3-SGRD3	BAR	PSD-2	8"	100					-
RTU3-SGRD4	BAR	PSD-1	8"	140					-
RTU3-SGRD5	BAR	PSD-1	8"	140					-
RTU3-SGRD6	BAR	PSD-2	8"	100					-
RTU3-SGRD7	BAR	PSD-1	8"	140					-
RTU3-SGRD8	BAR	PSD-2	8"	100					-
RTU3-SGRD9	BAR	PSD-1	8"	140					-
RTU3-SGRD10	BAR	PSD-1	8"	140					-
Total				1280		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: AHU/RTU



Asset: RTU4

AREA:WOMENS RR

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	23332116FA
Model Num	4YCC4030	4YCC4030
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	14.5X18.5
Num Final Filter 1	-	
Final Filter Size 1	-	
Num Final Filter 2	-	
Final Filter Size 2	-	

Test Data		
	Design	Actual
SF CFM	600	
SF RPM	-	
RA CFM	450	
OA CFM	150	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	NL
Horsepower	0.33	0.5
Motor Rpm	-	
Phase	1	1
Rated Voltage	208	208/230
Rated Amperage	-	3.9

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

Notes:  
NO FINAL FILTER INSTALLED

Written By: Michael McDonnell on 02/05/2024

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU4/WOMENS RR

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU4-SGRD1	WOMENS RR	PSD-1	8"	150					-
RTU4-SGRD2	MENS RR	PSD-1	8"	150					-
RTU4-SGRD3	MENS RR	PSD-1	8"	150					-
RTU4-SGRD4	MENS RR	PSD-1	8"	150					-
Total				600		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: AHU/RTU



Asset: RTU5

AREA:PRIVATE DINING I

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	233610167L
Model Num	YHC037	YHC037
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	26.75X15.25
Num Final Filter 1	-	2
Final Filter Size 1	-	20X30X2

Motor Data		
	Design	Actual
Motor MFG	-	
Horsepower	0.75	0.75
Motor Rpm	-	
Phase	3	1
Rated Voltage	480	460
Rated Amperage	-	3.7

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

Test Data		
	Design	Actual
SF CFM	960	
SF RPM	-	
RA CFM	760	
OA CFM	200	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU5/PRIVATE DINING I

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU5-SGRD1	PRIVATE DINING I	PSD-1	8"	120					-
RTU5-SGRD2	PRIVATE DINING I	PSD-1	8"	120					-
RTU5-SGRD3	PRIVATE DINING I	PSD-1	8"	120					-
RTU5-SGRD4	PRIVATE DINING I	PSD-1	8"	120					-
RTU5-SGRD5	PRIVATE DINING I	PSD-1	8"	120					-
RTU5-SGRD6	PRIVATE DINING I	PSD-1	8"	120					-
RTU5-SGRD7	PRIVATE DINING I	PSD-1	8"	120					-
RTU5-SGRD8	PRIVATE DINING I	PSD-1	8"	120					-
RTU5-SGRD9	PRIVATE DINING I	PSD-1	8"	120					-
Total				1080		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: AHU/RTU



Asset: RTU6

AREA:PRIVATE DINING II

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	234412019L
Model Num	YHC092	YSJ090
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	37.5X24
Num Final Filter 1	-	3
Final Filter Size 1	-	16X24X2
Num Final Filter 2	-	2
Final Filter Size 2	-	18X24X2

Motor Data		
	Design	Actual
Motor MFG	-	
Horsepower	1.00	3.0
Motor Rpm	-	1850
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	4.6

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

Test Data		
	Design	Actual
SF CFM	2400	
SF RPM	-	
RA CFM	1990	
OA CFM	410	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU6/PRIVATE DINING II

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU6-SGRD1	PRIVATE DINING II	PSD-1	8"	200					-
RTU6-SGRD2	PRIVATE DINING II	PSD-1	8"	200					-
RTU6-SGRD3	PRIVATE DINING II	PSD-1	8"	200					-
RTU6-SGRD4	PRIVATE DINING II	PSD-1	8"	200					-
RTU6-SGRD5	PRIVATE DINING II	PSD-1	8"	200					-
RTU6-SGRD6	PRIVATE DINING II	PSD-1	8"	200					-
RTU6-SGRD7	PRIVATE DINING II	PSD-1	8"	200					-
RTU6-SGRD8	PRIVATE DINING II	PSD-1	8"	200					-
RTU6-SGRD9	PRIVATE DINING II	PSD-1	8"	200					-
RTU6-SGRD10	PRIVATE DINING II	PSD-1	8"	200					-
RTU6-SGRD11	PRIVATE DINING II	PSD-1	8"	200					-
RTU6-SGRD12	PRIVATE DINING II	PSD-1	8"	200					-
Total				2400		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: AHU/RTU



Asset: RTU7

AREA:PRIVATE DINING III

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	234411929L
Model Num	YHC092	YHC092
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	37.5X24
Num Final Filter 1	-	3
Final Filter Size 1	-	16X24X2
Num Final Filter 2	-	2
Final Filter Size 2	-	18X24X2

Test Data		
	Design	Actual
SF CFM	2400	2524
SF RPM	-	
RA CFM	1880	
OA CFM	520	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	NL
Horsepower	2.75	3.0
Motor Rpm	-	1850
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	4.6

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	DD
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU7/PRIVATE DINING III

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU7-SGRD1	PRIVATE DINING III	PSD-1	8"	175	1.0	188	166	161	92.0
RTU7-SGRD2	PRIVATE DINING III	PSD-1	8"	175	1.0	249	184	172	98.3
RTU7-SGRD3	PRIVATE DINING III	PSD-1	8"	175	1.0	244	167	161	92.0
RTU7-SGRD4	PRIVATE DINING III	PSD-2	8"	100	1.0	218	178	116	116.0
RTU7-SGRD5	PRIVATE DINING III	PSD-1	8"	175	1.0	275	197	193	110.3
RTU7-SGRD6	PRIVATE DINING III	PSD-1	8"	175	1.0	223	179	198	113.1
RTU7-SGRD7	PRIVATE DINING III	PSD-1	8"	175	1.0	230	233	201	114.9
RTU7-SGRD8	PRIVATE DINING III	SD-1	6"	50	1.0	132	116	54	108.0
RTU7-SGRD9	PRIVATE DINING III	PSD-1	8"	175	1.0	274	190	193	110.3
RTU7-SGRD10	PRIVATE DINING III	PSD-1	8"	175	1.0	218	144	154	88.0
RTU7-SGRD11	PRIVATE DINING III	PSD-1	8"	175	1.0	229	197	185	105.7
RTU7-SGRD12	PRIVATE DINING III	PSD-2	8"	75	1.0	166	130	98	130.7
RTU7-SGRD13	PRIVATE DINING III	PSD-1	8"	175	1.0	208	180	184	105.1
RTU7-SGRD14	PRIVATE DINING III	PSD-1	8"	175	1.0	167	154	178	101.7
RTU7-SGRD15	PRIVATE DINING III	PSD-1	8"	175	1.0	184	179	184	105.1
RTU7-SGRD16	PRIVATE DINING III	PSD-2	8"	75	1.0	112	103	92	122.7
Total				2400		3317	2697	2524	105.17%

Completed By: Michael McDonnell on 02/07/2024

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: AHU/RTU



Asset: RTU8

AREA:MAIN DINING II

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	234410704L
Model Num	YHC120	YSJ120
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	37.5X24
Num Final Filter 1	-	3
Final Filter Size 1	-	16X24X2
Num Final Filter 2	-	2
Final Filter Size 2	-	18X24X2

Test Data		
	Design	Actual
SF CFM	3200	
SF RPM	-	
RA CFM	2160	
OA CFM	1040	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	NL
Horsepower	2.75	3.0
Motor Rpm	-	
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	4.6

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75	
Fan Total SP	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU8/MAIN DINING II

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU8-SGRD1	MAIN DINING II	PSD-1	8"	200					-
RTU8-SGRD2	MAIN DINING II	PSD-1	8"	200					-
RTU8-SGRD3	MAIN DINING II	PSD-1	8"	200					-
RTU8-SGRD4	MAIN DINING II	PSD-1	8"	200					-
RTU8-SGRD5	MAIN DINING II	PSD-1	8"	200					-
RTU8-SGRD6	MAIN DINING II	PSD-2	8"	100					-
RTU8-SGRD7	MAIN DINING II	PSD-1	8"	130					-
RTU8-SGRD8	MAIN DINING II	PSD-1	8"	130					-
RTU8-SGRD9	MAIN DINING II	PSD-1	8"	170					-
RTU8-SGRD10	MAIN DINING II	PSD-1	8"	170					-
RTU8-SGRD11	MAIN DINING II	PSD-2	8"	100					-
RTU8-SGRD12	MAIN DINING II	PSD-1	8"	200					-
RTU8-SGRD13	MAIN DINING II	PSD-1	8"	200					-
RTU8-SGRD14	MAIN DINING II	PSD-1	8"	200					-
RTU8-SGRD15	MAIN DINING II	PSD-1	8"	200					-
RTU8-SGRD16	MAIN DINING II	PSD-1	8"	200					-
RTU8-SGRD17	MAIN DINING II	PSD-1	8"	200					-
RTU8-SGRD18	MAIN DINING II	PSD-1	8"	200					-
Total				3200		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: AHU/RTU



Asset: RTU9

AREA:MAIN DINING I

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	
Model Num	YHD150	YSJ150
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	37.5X24
OA Filter Size 1	-	3
Num Final Filter 1	-	3
Final Filter Size 1	-	18X24X2
Num Final Filter 2	-	3
Final Filter Size 2	-	18X18X2

Test Data		
	Design	Actual
SF CFM	4000	
SF RPM	-	
RA CFM	3160	
OA CFM	840	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	NL
Horsepower	3.00	5.0
Motor Rpm	-	
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	5.5

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU9/MAIN DINING I

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU9-SGRD1	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD2	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD3	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD4	MAIN DINING I	PSD-1	8"	200					-
RTU9-SGRD5	MAIN DINING I	PSD-2	6"	85					-
RTU9-SGRD6	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD7	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD8	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD9	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD10	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD11	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD12	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD13	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD14	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD15	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD16	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD17	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD18	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD19	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD20	MAIN DINING I	PSD-2	8"	115					-
RTU9-SGRD21	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD22	MAIN DINING I	PSD-1	8"	180					-
RTU9-SGRD23	MAIN DINING I	PSD-1	8"	180					-
Total				4000		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: AHU/RTU



Asset: RTU10

AREA:ROOM 79

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	234412034L
Model Num	YHC092	YSJ090A
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	37.5X24
Num Final Filter 1	-	3
Final Filter Size 1	-	16X24X2
Num Final Filter 2	-	2
Final Filter Size 2	-	18X24X2

Test Data		
	Design	Actual
SF CFM	2400	2505
SF RPM	-	
RA CFM	2185	
OA CFM	215	
RL Voltage	-	
RL Amperage	-	
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	NL
Horsepower	1.00	3.0
Motor Rpm	-	
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	4.6

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

Notes:  
090 SINGLE COMPRESSOR, PLANS CALL FOR 092= 7.5 TON, DUAL COMPRESSOR.

Written By: Michael McDonnell on 02/05/2024

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU10/ROOM 79

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU10-SGRD1	ROOM 79	PSD-1	8"	190	1.0	281	199	208	109.5
RTU10-SGRD2	ROOM 79	PSD-1	8"	190	1.0	262	250	214	112.6
RTU10-SGRD3	ROOM 79	PSD-1	8"	205	1.0	271	195	200	97.6
RTU10-SGRD4	ROOM 79	PSD-1	8"	205	1.0	249	209	219	106.8
RTU10-SGRD5	ROOM 79	PSD-1	8"	205	1.0	211	210	221	107.8
RTU10-SGRD6	ROOM 79	PSD-1	8"	205	1.0	279	187	218	106.3
RTU10-SGRD7	ROOM 79	PSD-1	8"	205	1.0	313	178	203	99.0
RTU10-SGRD8	ROOM 79	PSD-1	8"	205	1.0	426	248	214	104.4
RTU10-SGRD9	ROOM 79	PSD-1	8"	205	1.0	340	214	226	110.2
RTU10-SGRD10	ROOM 79	PSD-1	8"	205	1.0	187	271	214	104.4
RTU10-SGRD11	ROOM 79	PSD-1	8"	190	1.0	300	239	194	102.1
RTU10-SGRD12	ROOM 79	PSD-1	8"	190	1.0	204	130	174	91.6
Total				2400		3323	2530	2505	104.38%

Completed By: Michael McDonnell on 02/07/2024

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: AHU/RTU



Asset: RTU13

AREA:BAR

Unit Data		
	Design	Actual
MFG	TRANE	TRANE
Serial Num	-	234411963L
Model Num	YHC102	YSJ090
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	1
OA Filter Size 1	-	37.5X24
Num Final Filter 1	-	3
Final Filter Size 1	-	16X24X2
Num Final Filter 2	-	3
Final Filter Size 2	-	18X24X2

Test Data		
	Design	Actual
SF CFM	2720	
SF RPM	-	
RA CFM	2260	
OA CFM	480	
RL Voltage	-	
RL Amperage	-	2.3
SF Rotation	-	
RA Damper Position	-	
Min OA Damper Position	-	
Min OA Damper Type	-	
OA Enthalpy Setpt	-	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	NL
Horsepower	2.00	3.0
Motor Rpm	-	1850
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	4.6

Performance Data		
	Design	Actual
MA Plenum SP	-	
Fan Suction SP	-	
Fan Discharge SP	-	
Total ESP	0.75"	
Fan Total SP	-	

Drive Data		
	Design	Actual
Motor Sheave Size	-	DD
Motor Bore Size	-	DD
Motor Sheave SetPt	-	
Fan Sheave Size	-	DD
Fan Sheave Bore	-	DD
Belt CL Distance	-	DD
Num of Belts	-	DD
Belt Size	-	DD
Belt Alignment	-	DD

General		
	Design	Actual
Fan Rotation Correct	-	YES
Unit Filters Clean	-	YES
Condensate Drain Installed	-	YES

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## AHU/RTU



### Diffuser Supply (GRD)

#### RTU13/BAR

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
RTU13-SGRD1	BAR	PSD-1	8"	165					-
RTU13-SGRD2	BAR	PSD-1	8"	165					-
RTU13-SGRD3	BAR	PSD-1	8"	165					-
RTU13-SGRD4	BAR	PSD-4	8"	150					-
RTU13-SGRD5	BAR	PSD-1	8"	200					-
RTU13-SGRD6	BAR	PSD-1	8"	200					-
RTU13-SGRD7	BAR	PSD-1	8"	200					-
RTU13-SGRD8	BAR	PSD-1	8"	200					-
RTU13-SGRD9	BAR	PSD-1	8"	200					-
RTU13-SGRD10	BAR	PSD-1	8"	200					-
RTU13-SGRD11	BAR	PSD-1	8"	200					-
RTU13-SGRD12	BAR	PSD-1	8"	160					-
RTU13-SGRD13	BAR	PSD-1	8"	170					-
RTU13-SGRD14	BAR	PSD-1	8"	170					-
RTU13-SGRD15	BAR	PSD-1	8"	170					-
Total				2715		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

System/Unit: FAN - Exhaust



Asset: EF2

AREA:DISHWASHER

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU33HFA	DU33HFA
Serial Num	-	
Type	UPBLAST/CEILING	
Configuration	Vertical	

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.33	
Motor Rpm	-	
Phase	1	
Voltage (rated)	120	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	600	
Fan RPM	1227	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.4"	
Fan Inlet SP	-	
Fan Discharge SP	-	

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: FAN - Exhaust



Asset: EF3

AREA:MOP

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DR10HFA	DR10HFA
Serial Num	-	5539822
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	NL
Horsepower	0.17	1/6
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	1.9

Test Data		
	Design	Actual
CFM	100	107
Fan RPM	1124	1123
Fan Rotation	-	CCW
Motor RPM	-	1123
System SetPt	-	59P
RL Voltage	-	118
RL Amperage	-	1.6
Total ESP	0.3"	0.11"
Fan Inlet SP	-	-0.11"
Fan Discharge SP	-	ATM

Completed By: Dylan Crisman on 02/06/2024

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: FAN - Exhaust



Asset: EF4

AREA:TOILET

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DR10HFA	DR10HFA
Serial Num	-	5539822
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Horsepower	0.17"	1/6
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	1.9

Test Data		
	Design	Actual
CFM	75	78
Fan RPM	1087	1094
Fan Rotation	-	CCW
Motor RPM	-	1094
System SetPt	-	58P
RL Voltage	-	118
RL Amperage	-	1.6
Total ESP	0.3"	0.16"
Fan Inlet SP	-	-0.16"
Fan Discharge SP	-	ATM

Completed By: Dylan Crisman on 02/06/2024

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: FAN - Exhaust



Asset: EF5

AREA:SMOKER

Unit Data		
	Design	Actual
MFG	ENERVEX	ENERVEX
Model Num	GSV014	GSV014
Serial Num	-	1210016
Type	DOWNBLAST	FLUE
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	0.25	
Motor Rpm	-	1600
Phase	1	1
Voltage (rated)	120	120
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	1000	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.5"	
Fan Inlet SP	-	
Fan Discharge SP	-	

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: FAN - Exhaust



Asset: KEF1

AREA:EXH-L

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU85HFA	DU85HFA
Serial Num	-	5539822
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Horsepower	0.750	0.75
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	5.2

Test Data		
	Design	Actual
CFM	1311	1315
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	57%
RL Voltage	-	
RL Amperage	-	
Total ESP	1.500"	
Fan Inlet SP	-	
Fan Discharge SP	-	

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: FAN - Exhaust



Asset: KEF2

AREA:EXH-M

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU85HFA	DU85HFA
Serial Num	-	5539822
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Horsepower	1.000	1.0
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	6.9

Test Data		
	Design	Actual
CFM	2288	2271
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	80%
RL Voltage	-	
RL Amperage	-	
Total ESP	1.200"	
Fan Inlet SP	-	
Fan Discharge SP	-	

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

System/Unit: FAN - Exhaust



Asset: KEF3

AREA:EXH-R

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU85HFA	DU85HFA
Serial Num	-	5539822
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Horsepower	0.75	0.75
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	5.2

Test Data		
	Design	Actual
CFM	1808	1835
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	68%
RL Voltage	-	
RL Amperage	-	
Total ESP	1.300"	
Fan Inlet SP	-	
Fan Discharge SP	-	

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

System/Unit: FAN - Exhaust



Asset: KEF4

AREA:PREP

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DU180HFA	DU180HFA
Serial Num	-	5539822
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO GREEN
Frame	-	184T
Horsepower	2.000	2.0
Motor Rpm	1255	1255
Phase	3	3
Voltage (rated)	208	230/460
Amperage (rated)	-	7.51/3.76
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	1800	1864
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	47.5 HZ
RL Voltage	-	
RL Amperage	-	
Total ESP	1.900"	
Fan Inlet SP	-	
Fan Discharge SP	-	

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: FAN - Exhaust



Asset: EF1

AREA:RR

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	DR33HFA	DR33HFA
Serial Num	-	5539822
Type	DOWNBLAST	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TELCO-GREEN
Frame	-	NL
Horsepower	0.33	0.33
Motor Rpm	-	1800
Phase	1	1
Voltage (rated)	120	115
Amperage (rated)	-	4.3
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	600	551
Fan RPM	1227	1240
Fan Rotation	-	CCW
Motor RPM	-	1240
System SetPt	-	62P
RL Voltage	-	119
RL Amperage	-	3.7
Total ESP	0.4"	0.20"
Fan Inlet SP	-	-0.20"
Fan Discharge SP	-	ATM

Completed By: Dylan Crisman on 02/06/2024

Notes:

1. 80
2. 83
3. 84
4. 76
5. 78
6. 73
7. 77

Written By: Dylan Crisman on 02/06/2024

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## FAN - Exhaust



### Diffuser Ret/Exh (GRD)

#### EF1/RR

Asset							
Asset Name	Type	Size	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
EF1-EGRD1	LSD-2	6"					
EF1-EGRD2	LSD-2	6"					
EF1-EGRD3	LSD-2	6"					
EF1-EGRD4	LSD-2	6"					
EF1-EGRD5	LSD-2	6"					
EF1-EGRD6	LSD-2	6"					
EF1-EGRD7	LSD-2	6"					
Total				0	0	0	

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: FAN - Supply



Asset: MAU1

AREA:HOOD 1-3

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	CASRTU3-I.400-18-20T	CASRTU3-I.400-18-20T
Serial Num	-	5539822
Type	MUA	MUA
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	TECO WESTINGHOUSE
Frame	-	184T
Horsepower	2.000	2.0
Motor Rpm	-	1165
Phase	3	3
Voltage (rated)	460	460
Amperage (rated)	-	3.76
Service Factor	-	1.15

Gas Heat		
	Design	Actual
Heater Operates (y/n)	-	
Flame Status (pass/fail)	-	
Inlet Air Temp SetPt	-	
Discharge Air Temp SetPt	-	
Air Flow Switch SP Actual	-	

Test Data		
	Design	Actual
CFM	3000	
SF RPM	-	
Motor RPM	-	
SF System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Discharge SP	-	

General		
	Design	Actual
Fan Rotation Correct	-	

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: Fan Coil



Asset: WC1

AREA:WC 1

Unit Data		
	Design	Actual
MFG	WHISPER KOOL	WHISPER KOOL
Model Num	QUANTUM 12000	QUANTUM 12000
Serial Num	-	
Configuration	HORIZONTAL	

Motor Data		
	Design	Actual
Horsepower	1.50	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	

Test Data		
	Design	Actual
SFAN CFM	810	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	Actual
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## Fan Coil



### Diffuser Supply (GRD)

#### WC1/WC 1

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
WC1-SGRD1	WE1	SD-2	14"	810					-
Total				810		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: Fan Coil



Asset: WC2

AREA:WC 2

Unit Data		
	Design	Actual
MFG	WHISPER KOOL	WHISPER KOOL
Model Num	QUANTUM 12000	QUANTUM 12000
Serial Num	-	
Configuration	HORIZONTAL	

Motor Data		
	Design	Actual
Horsepower	1.50	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	

Test Data		
	Design	Actual
SFAN CFM	810	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	Actual
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## Fan Coil



### Diffuser Supply (GRD)

#### WC2/WC 2

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
WC2-SGRD1	WE2	SD-2	14"	810					-
Total				810		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: Fan Coil



Asset: WC3

AREA:WC 3

Unit Data		
	Design	Actual
MFG	WHISPER KOOL	WHISPER KOOL
Model Num	QUANTUM 9000	QUANTUM 9000
Serial Num	-	
Configuration	HORIZONTAL	

Motor Data		
	Design	Actual
Horsepower	1.50	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	

Test Data		
	Design	Actual
SFAN CFM	810	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	Actual
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## Fan Coil



### Diffuser Supply (GRD)

#### WC3/WC 3

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
WC3-SGRD1	WE3	SD-2	14"	810					-
Total				810		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: Fan Coil



Asset: WC4

AREA:WC 4

Unit Data		
	Design	Actual
MFG	WHISPER KOOL	WHISPER KOOL
Model Num	QUANTUM 9000	QUANTUM 9000
Serial Num	-	
Configuration	HORIZONTAL	

Motor Data		
	Design	Actual
Horsepower	1.50	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	

Test Data		
	Design	Actual
SFAN CFM	810	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	Actual
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## Fan Coil



### Diffuser Supply (GRD)

#### WC4/WC 4

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
WC4-SGRD1	WE4	SD-2	14"	810					-
Total				810		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: Fan Coil



Asset: WC5

AREA:WC 5

Unit Data		
	Design	Actual
MFG	WHISPER KOOL	WHISPER KOOL
Model Num	QUANTUM 9000	QUANTUM 9000
Serial Num	-	
Configuration	HORIZONTAL	

Motor Data		
	Design	Actual
Horsepower	1.50	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	

Test Data		
	Design	Actual
SFAN CFM	810	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	Actual
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## Fan Coil



### Diffuser Supply (GRD)

#### WC5/WC 5

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
WC5-SGRD1	WE5	SD-2	810						
Total				0		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: Fan Coil



Asset: WC6

AREA:WC 6

Unit Data		
	Design	Actual
MFG	WHISPER KOOL	WHISPER KOOL
Model Num	QUANTUM 9000	QUANTUM 9000
Serial Num	-	
Configuration	HORIZONTAL	

Motor Data		
	Design	Actual
Horsepower	1.50	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	

Test Data		
	Design	Actual
SFAN CFM	810	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	Actual
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## Fan Coil



### Diffuser Supply (GRD)

#### WC6/WC 6

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
WC6-SGRD1	WE6	SD-2	810						
Total				0		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: Fan Coil



Asset: WC7

AREA:WC 7

Unit Data		
	Design	Actual
MFG	WHISPER KOOL	WHISPER KOOL
Model Num	QUANTUM 9000	QUANTUM 9000
Serial Num	-	
Configuration	HORIZONTAL	

Motor Data		
	Design	Actual
Horsepower	1.50	
Phase	-	
Voltage (rated)	-	
Amperage (rated)	-	

Test Data		
	Design	Actual
SFAN CFM	810	
Motor Speed SetPt	-	
RL Voltage	-	
RL Amperage	-	
RA CFM	-	
OA CFM	-	

Performance Data		
	Design	Actual
Suction ESP	-	
Discharge ESP	-	
Total ESP	-	

# National TAB

Project:02-05-24 PERRY'S - VERNON HILLS, IL

## Fan Coil



### Diffuser Supply (GRD)

#### WC7/WC 7

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
WC7-SGRD1	WE7	SD-2	14"	810					-
Total				810		0	0	0	0%

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:EXH-L

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	6030 ND-2-PSP-F	6030 ND-2-PSP-F
Job / Serial Num	-	5539822
Type	TYPE 1 CANOPY	TYPE I CANOPY
Hood length	69"	69"
Hood Width	60"	60"
Supply Plenum Type	-	ACPSP
Supply Plenum Width	9"	9"
Supply Plenum Length	70"	70"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLO
Filter Size 1	20X16	20X16
Filter Qty 1	4	4
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	8.32	8.32
Filter1 FPM	-	158
Filter2 FPM	-	162
Filter3 FPM	-	165
Filter4 FPM	-	150
Filter Ave FPM(corr)	-	158
CFM	1311	1315

Cooking Equipment		
	Design	Actual
Item 1	-	OVEN
Item 2	-	BROILER

Test Data Supply		
	Design	Actual
Total AK Area	4.375	4.375
Kv factor (Vel)	0.81	0.81
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	1311	818

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: Kitchen Hood Type I



Asset: HD2

AREA:EXH-M

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	6030 ND-2-PSP-F	6030 ND-2-PSP-F
Job / Serial Num	-	5539822
Type	TYPE 1 CANOPY	TYPE I CANOPY
Hood length	120"	120"
Hood Width	60"	60"
Supply Plenum Type	-	PSP
Supply Plenum Width	9"	9"
Supply Plenum Length	120*	120"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLO
Filter Size 1	20X16	20X16
Filter Qty 1	7	7
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	14.56	14.56
Filter1 FPM	-	148
Filter2 FPM	-	160
Filter3 FPM	-	167
Filter4 FPM	-	165
Filter5 FPM	-	156
Filter6 FPM	-	149
Filter7 FPM	-	148
Filter Ave FPM(corr)	-	156
CFM	2250	2271

Cooking Equipment		
	Design	Actual
Item 1	-	BROILER
Item 2	-	RANGE/OVEN
Item 3	-	STOVE

Test Data Supply		
	Design	Actual
Total AK Area	7.5	7.5
Kv factor (Vel)	0.81	0.81
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	2250	1109

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: Kitchen Hood Type I



Asset: HD3

AREA:EXH-R

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	6030 ND-2-PSP-F	6030 ND-2-PSP-F
Job / Serial Num	-	5539822
Type	TYPE 1 CANOPY	TYPE I CANOPY
Hood length	124"	124"
Hood Width	60"	60"
Supply Plenum Type	-	PSP
Supply Plenum Width	9"	9"
Supply Plenum Length	136"	136"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLO
Filter Size 1	20X16	20X16
Filter Qty 1	7	7
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	14.56	14.56
Filter1 FPM	-	116
Filter2 FPM	-	113
Filter3 FPM	-	141
Filter4 FPM	-	133
Filter5 FPM	-	127
Filter6 FPM	-	134
Filter7 FPM	-	121
Filter Ave FPM(corr)	-	126
CFM	1808	1835

Cooking Equipment		
	Design	Actual
Item 1	-	BROILER
Item 2	-	FRYER
Item 3	-	FRYER

Test Data Supply		
	Design	Actual
Total AK Area	8.5	8.5
Kv factor (Vel)	0.81	0.81
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	-	1094

# National TAB

Project: 02-05-24 PERRY'S - VERNON HILLS, IL

## System/Unit: Kitchen Hood Type I



Asset: HD4

AREA:PREP

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	6030 ND-2	6030 ND-2
Job / Serial Num	-	5539822
Type	TYPE 1 CANOPY	TYPE I CANOPY
Hood length	142"	138"
Hood Width	60"	60"

Test Data Exhaust		
	Design	Actual
Filter Type	CAPTRATE SOLO FILTER	CAPTRATE SOLO
Filter Size 1	20X16	20X16
Filter Qty 1	8	8
Filter AK factor size 1	2.08	2.08
Filter Total AK Area	16.64	16.64
Filter1 FPM	-	110
Filter2 FPM	-	110
Filter3 FPM	-	111
Filter4 FPM	-	122
Filter5 FPM	-	121
Filter6 FPM	-	117
Filter7 FPM	-	108
Filter8 FPM	-	103
Filter Ave FPM(corr)	-	112
CFM	1800	1864

Cooking Equipment		
	Design	Actual
Item 1	-	
Item 2	-	

