

Report By:

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



Report: TAB REPORT
Function: Test, Adjust, & Balance
Date: 06/27/2024

PROJECT
06-24-24 DOMINICKS SCOTTSDALE, AZ

15169 N Scottsdale Rd

Scottsdale, AZ 85254

Client

Prime Steak Concepts

National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

Table Of Contents

Section	Page #
Checklist Data	3
Issue Data	18
BALANCE SCHEDULE	22
AHU/RTU	23
FAN - Exhaust	36
FAN - Supply	39
Kitchen Hood Type I	40
Kitchen Hood Type II	42

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-7

Comment:

RTU-8

Comment:

RTU-9

Comment:

RTU-10

Comment:

RTU-11

Comment:

RTU-12

Comment:

RTU-13

Comment:

RTU-14

Comment:

RTU-15

Comment:

RTU-16

Comment:

RTU-17

Comment:

RTU-18

Comment:

RTU-19

Comment:

RTU-20

Comment:

MAU-1

Comment:

MAU-2

Comment:

EF-1

Comment:

EF-2

Comment:

EF-3

Comment:

EF-4

Comment:

EF-5

Comment:

EF-6

Comment:

EF-7

Comment:

EF-8

Comment:

EF-9

Comment:

EF-10

Comment:

HOOD-1

Comment:

HOOD-2

Comment:

HOOD-3

Comment:

HOOD-4

Comment:

HOOD-5

Comment:



06-24-24 DOMINICKS SCOTTSDALE, AZ

CheckList Information

Name : TECH - STEP 1: INITIAL SITE WALKTHROUGH **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 06/19/2024 - Brian Turnbough - National TAB

CheckList Item Details

INITIAL SITE WALKTHROUGH

All diffusers and grilles are installed and match design? Yes

Comment:

Diffusers and grilles match original plan set with some minor deviations.

All hood filters installed and accounted for? Yes

Comment:

20x20 Captrate Filters. Filters appear clean, relatively uniform velocities.

Hoods are wired and have power? Yes

Comment:

Yes, however hoods are not controlled by hood switch and do not turn off other than at roof disconnect.

Hood is free of alarms?

Comment:

Yes

Thermostats have power? Yes

Comment:

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

Comment:

Yes



06-24-24 DOMINICKS SCOTTSDALE, AZ

CheckList Information

Name : TECH - STEP 2: UNIT DATA AND EVAL **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 06/19/2024 - 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? N/A

Comment:

No economizers installed. all OA in controlled by manual dampers.

DCV Max damper opening position is set to minimum? N/A

Comment:

Manual Dampers

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

Comment:

Motors are all operating below the FLA rating? N/A

Comment:

Unable to verify on all units. Accessible units were all found to be below FLA.

Are belts tight?

Comment:

On belt driven units, yes.

If direct drive unit is the speed controller working.

Comment:

Yes

Is gas piping installed and valves turned on?

Comment:

NA

Unit free of noticeable noise and vibration

Yes

Comment:

EF's

Rotation is correct?

Yes

Comment:

Belts are tight?

Comment:

Yes

Grease cup installed on hood fan?

N/A

Comment:

PCU installed.

Hinge kit installed installed on hood fan?

N/A

Comment:

PCU installed.

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

N/A

Comment:

PCU installed.

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

Comment:

PCU installed.

There is no major leakage around base of fan?

No

Comment:

Is the motor operating below the motor FLA rating?

Yes

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:



06-24-24 DOMINICKS SCOTTSDALE, AZ

CheckList Information

Name : TECH - STEP 3: TEST, ADJUST AND BALANCE **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 06/19/2024 - 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:



06-24-24 DOMINICKS SCOTTSDALE, AZ

CheckList Information

Name : TECH - STEP 4: FINAL TESTS **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 06/19/2024 - 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

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:



06-24-24 DOMINICKS SCOTTSDALE, AZ

CheckList Information

Name : TECH - STEP 5: FINAL DOCUMENTATION **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 06/19/2024 - 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:

Issue List

- KEF-1: Always Operational
- KEF-2 Dish Exhaust: Not Operational
- RTU-1: Power Conduit Damaged



06-24-24 DOMINICKS SCOTTSDALE, AZ

Project Issue Information

Issue Name : KEF-1: Always Operational
Description : Hood controls in kitchen space do not control KEF-1. Kitchen exhaust hoods appear to run 24/7. This is unnecessarily exhausting treated air from space when cooling is not occurring. Only roof disconnect powers off fan. Recommend controls are inspected/corrected.
Created By : National TAB **Assigned To :** National TAB - Michael McDonnell
Status : Open
Priority : Medium **Asset Tag :**
Originated Date : 07/25/2024 - Michael McDonnell - National TAB

Project Issue File Details



07/25/2024



07/25/2024



07/25/2024



06-24-24 DOMINICKS SCOTTSDALE, AZ

Project Issue Information

Issue Name : KEF-2 Dish Exhaust: Not Operational
Description : HD-3, Dishwasher hood, is served by KEF-2. Fan operates, but is not able to be controlled from kitchen space, only at rooftop. Left off at roof, recommend controls installed.
Created By : National TAB **Assigned To :** National TAB - Michael McDonnell
Status : Open
Priority : Medium **Asset Tag :**
Originated Date : 07/25/2024 - Michael McDonnell - National TAB

Project Issue File Details



07/25/2024



07/25/2024



06-24-24 DOMINICKS SCOTTSDALE, AZ

Project Issue Information

Issue Name : RTU-1: Power Conduit Damaged
Description : Power conduit running from the roof to RTU-1 is damaged and wiring is exposed to the elements. Recommend conduit is repaired.
Created By : National TAB **Assigned To :** National TAB - Michael McDonnell
Status : Open
Priority : Medium **Asset Tag :**
Originated Date : 07/25/2024 - Michael McDonnell - National TAB

Project Issue File Details



07/25/2024



07/25/2024

AIR BALANCE SCHEDULE

UNIT	HVAC SUPPLY		HVAC RETURN		HVAC OUTDOOR		OA %		HOOD MAKE-UP		HOOD EXHAUST		GENERAL EXH.	
	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL
WSHP-1	20 TONS	UPPER DINING	-	5360	#VALUE!	5360		0	#VALUE!	0.0%				
WSHP-2	20 TONS	BAR	-	6697	#VALUE!	6697		0	#VALUE!	0.0%				
HP-3	3 TONS	2ND FLOOR PRIVATE D	-	1374	#VALUE!	1374			#VALUE!	0.0%				
HP-4	5 TONS	FRONT KITCHEN	-	1823	#VALUE!	1823			#VALUE!	0.0%				
HP-5	3 TONS	WINE	-	1441	#VALUE!	1441			#VALUE!	0.0%				
HP-6	3 TONS	SOUTH DINING	-	1223	#VALUE!	1223			#VALUE!	0.0%				
HP-7	3 TONS	PRIVATE DINING		798		0	798		#DIV/0!	0.0%				
HP-8	5 TONS	LOBBY / RR		1598		0	1598		#DIV/0!	0.0%				
HP-9	5 TONS	REAR KITCHEN		1697						0.0%				
HP-10	UNKNOWN	SOUTH DINING HOST WALL		831						0.0%				
RTU-1		STAIRWELL		1155			0			0.0%				
RTU-2	5 TONS	POOL SOUTH		2309			0			0.0%				
RTU-3	5 TONS	POOL NORTH	-	2269	#VALUE!	2269		0	#VALUE!	0.0%				
KEF-1		HOOD-1 AND HOOD 2										7214		
KEF-2		DISH HD-3										0		
MAU		HOOD-1 AND HOOD 2								4617				
TOTALS			0	28575	#VALUE!	28575	0	0			0	4617	0	7214

NET BUILDING AIRFLOW CALCULATION

TOTALS	DESIGN	ACTUAL
TOTAL OA	0	4617
TOTAL EXHAUST	0	7214
NET AIRFLOW	0	-2597

DOOR TESTED	BUILDING PRESSURE MEASUREMENTS (IN. H2O)
FRONT	
SIDE	
REAR	
AVERAGE	#DIV/0!

FINAL CHECKS

ACTUAL NET AIRFLOW COINCIDES WITH DESIGN: !

MEASURED PRESSURES COINCIDES WITH ACTUAL NET AIRFLOW:

PRESSURE FALLS WITHIN IMC TOLERANCE OF +/-0.02" W.C.

NOTES:



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: AHU/RTU

Asset: RTU1

AREA:STAIRWELL

Unit Data		
	Design	Actual
MFG	NA	TRANE
Serial Num	-	113410300L
Model Num	NA	4WCC3036A
Type	-	RTU
Configuration	-	VERTICAL
Num OA Filters 1	-	NONE INSTALLED
Num Final Filter 1	-	NONE INSTALLED

Motor Data		
	Design	Actual
Horsepower	-	0.5
Motor Rpm	-	NL
Phase	-	1
Rated Voltage	-	208/230
Rated Amperage	-	2.7

Test Data		
	Design	Actual
SF CFM	-	1155
SF RPM	-	DD
RA CFM	-	1155
OA CFM	-	0-NOT IONSTALLED
RA Damper Position	-	100%
Min OA Damper Type	-	NONE INSTALLED

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.54"
Fan Suction SP	-	-0.86"
Fan Discharge SP	-	0.19"
Total ESP	-	0.73"
Fan Total SP	-	1.05"

General	
	Actual
Fan Rotation Correct	YES
Unit Filters Clean	NONE INSTALLED
Condensate Drain Installed	YES

Completed By: Michael McDonnell on 07/25/2024

Notes:

[1] SERVES DIFFUSERS IN STAIRWELL. FILTER INSTALLED AT RETURN, FOUND DIRTY. REMOVED FOR TESTING. UNIT OPERATES IN FAN AUTO.

[2] POWER CONDUIT TO UNIT DAMAGED-SEE ISSUE

Written By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: AHU/RTU

Asset: RTU2

AREA: POOL SOUTH

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	1008G30518
Model Num	NA	50HJQ006
Type	-	RTU
Configuration	-	HORIZONTAL
Num OA Filters 1	-	1
OA Filter Size 1	-	36X16

Motor Data		
	Design	Actual
Motor MFG	-	GE
Frame	-	56Y
Horsepower	-	NL
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	208-230/460
Rated Amperage	-	5.2/2.6

Test Data		
	Design	Actual
SF CFM	-	2309
SF RPM	-	1240
RA CFM	-	2309
OA CFM	-	0
RL Voltage	-	482/482/482
RL Amperage	-	1.5/1.5/1.5
SF Rotation	-	CORRECT
RA Damper Position	-	100%
Min OA Damper Position	-	0%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.25"
Fan Suction SP	-	-0.73"
Fan Discharge SP	-	0.55"
Total ESP	-	0.80"
Fan Total SP	-	1.28"

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

Completed By: Michael McDonnell on 07/25/2024

Notes:
 [1] UNIT NOT OPERATING COOLING AT TIME OF VISIT. REPAIR WAS IN PROGRESS.

Written By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: AHU/RTU

Asset: RTU3

AREA: POOL NORTH

Unit Data		
	Design	Actual
MFG	NA	CARRIER
Serial Num	-	2808G10432
Model Num	NA	50HJQ006
Type	-	RTU
Configuration	-	HORIZONTAL
Num OA Filters 1	-	1
OA Filter Size 1	-	36X16

Motor Data		
	Design	Actual
Motor MFG	-	GE
Frame	-	56Y
Horsepower	-	NL
Motor Rpm	-	1725
Phase	-	3
Rated Voltage	-	208-230/ 460
Rated Amperage	-	5.6/ 2.8

Test Data		
	Design	Actual
SF CFM	-	2269
SF RPM	-	1256
RA CFM	-	2269
OA CFM	-	0
RL Voltage	-	482/482/482
RL Amperage	-	1.8/1.8/1.8
SF Rotation	-	CORRECT
RA Damper Position	-	100%
Min OA Damper Position	-	0%
Min OA Damper Type	-	ECONOMIZER

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.29"
Fan Suction SP	-	-0.81"
Fan Discharge SP	-	0.43"
Total ESP	-	0.72"
Fan Total SP	-	1.24"

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

Completed By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: AHU/RTU

Asset: WSHP1

AREA: UPPER DINING / STAIRWELL AND WAITING LINEARS

Unit Data		
	Design	Actual
MFG	MCQUAY	FHP
Serial Num	-	1101026
Model Num	WRWH1-240-EKYHE	PWY240CK14A0A
Type	WSHP	WSHP
Configuration	VERTICAL	HORIZONTAL
Num OA Filters 1	-	1
OA Filter Size 1	-	20X14
Num Final Filter 1	-	1 / 1
Final Filter Size 1	-	20X20X2 / 20X24X2
Num Final Filter 2	-	1 / 1
Final Filter Size 2	-	16X20X2 / 16X24X2

Motor Data		
	Design	Actual
Motor MFG	-	TECO WESTINGHOUSE
Frame	-	184T
Horsepower	-	5.0
Motor Rpm	-	1750
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	6.80

Drive Data	
	Actual
Motor Sheave Size	5"
Motor Bore Size	1-1/8"
Motor Sheave SetPt	0-1 TURN OPEN
Fan Sheave Size	8.75"
Fan Sheave Bore	1-3/16"
Belt CL Distance	11" CL
Num of Belts	2
Belt Size	BX44
Belt Alignment	VERIFIED

Test Data		
	Design	Actual
SF CFM	-	5360
SF RPM	-	861
RA CFM	-	5360
OA CFM	-	0
RL Voltage	-	481/481/482
RL Amperage	-	4.4/4.4/4.6
SF Rotation	-	CORRECT
SF System SetPt	-	CAV
RA Damper Position	-	100%
Min OA Damper Position	-	0%
Min OA Damper Type	-	MANUAL DAMPER

Performance Data		
	Design	Actual
MA Plenum SP	-	-0.51"
Fan Suction SP	-	-0.78"
Fan Discharge SP	-	0.62"
Total ESP	0.5"	1.13"
Fan Total SP	-	1.40"

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

Completed By: Michael McDonnell on 07/25/2024

Notes:
 [1]OA INTAKE CUT INTO HORIZONTAL ROOFTOP RETURN. MANUAL DAMPER FULLY CLOSED.

Written By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: AHU/RTU

Asset: WSHP2

AREA:BAR

Unit Data		
	Design	Actual
MFG	MCQUAY	FHP
Serial Num	-	110102601002
Model Num	WRWH1-180-EKYHE	PWY240CK14A0A
Type	RTU	WSHP
Configuration	VERTICAL	HORIZONTAL
Num OA Filters 1	-	1
OA Filter Size 1	-	20X14
Num Final Filter 1	-	1 / 1
Final Filter Size 1	-	20X20X2 / 20X24X2
Num Final Filter 2	-	1 / 1
Final Filter Size 2	-	16X20X2 / 16X24X2

Motor Data		
	Design	Actual
Motor MFG	-	TECO WESTINGHOUSE
Frame	-	184T
Horsepower	-	5.0 HP
Motor Rpm	-	1750
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	6.30

Test Data		
	Design	Actual
SF CFM	-	6697
SF RPM	-	917
RA CFM	-	6697
OA CFM	-	0
RL Voltage	-	481/482/482
RL Amperage	-	4.1/4.1/4.3
SF Rotation	-	CORRECT
SF System SetPt	-	CAV
RA Damper Position	-	100%
Min OA Damper Position	-	0%
Min OA Damper Type	-	MANUAL DAMPER

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

Completed By: Michael McDonnell on 07/25/2024

Notes:
[1]OA INTAKE CUT INTO HORIZONTAL ROOFTOP RETURN. MANUAL DAMPER FULLY CLOSED.

Written By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: AHU/RTU

Asset: WSHP3

AREA: POOL PRIVATE DINING

Unit Data		
	Design	Actual
MFG	MCQUAY	FHP
Serial Num	-	3540-203-000001
Model Num	WRWH1-180-EKYHE	EC036-4HZC
Type	-	WHP
Configuration	-	HORIZONTAL
Num OA Filters 1	-	NONE
Num Final Filter 1	-	1
Num Final Filter 2	-	18X30X1

Test Data		
	Design	Actual
SF CFM	-	1374
RA CFM	-	0
OA CFM	-	1374

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

Motor Data		
	Design	Actual
Horsepower	-	0.5
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	2.0

Completed By: Michael McDonnell on 07/25/2024

Notes:

- [1] SERVES GRILLES IN 2ND FLOOR PRIVATE DINING ROOM AND 2ND FLOOR BACK HALL / RESTROOMS.
- [2] UNIT IS IN NEIGHBORING TENANT SPACE, RETURN PULLING FROM CELING PLEMNUM IN THAT SPACE.
- [2] NOT DUCTED FOR OA. ALL SUPPLY AIR, TECHNICALLY OA.

Written By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: AHU/RTU

Asset: WSHP4

AREA:

Unit Data		
	Design	Actual
MFG	MCQUAY	CLIMATE MASTER
Serial Num	-	240510639
Model Num	WRWH1-120-EHYHE	TCH060AFC30
Type	HP	HP
Configuration	HORIZONTAL	HORIZONTAL
Num OA Filters 1	-	NONE
Num Final Filter 1	-	1
Final Filter Size 1	-	24X24

Test Data		
	Design	Actual
SF CFM	-	1823
SF RPM	-	DD
RA CFM	-	1823
OA CFM	-	0

General	
	Actual
Fan Rotation Correct	YES
Unit Filters Clean	NO-REMOVED FOR TESTING
Condensate Drain Installed	YES

Motor Data		
	Design	Actual
Horsepower	-	NL
Motor Rpm	-	NL
Phase	3	3
Rated Voltage	480	460
Rated Amperage	-	2.4

Completed By: Michael McDonnell on 07/25/2024

Notes:

- [1] SERVES FRONT KITCHEN AREA-4 DIFFUSERS IN COOKING AREA AND HAS 2 GRILLES DUCTED FROM UNIT TO 2ND FLOOR OFFICE. OFFICE GRILLES TOTAL 401 CFM. THERE IS NO RETURN IN OFFICE.
- [2] FILTER INSTALLED ON RETURN INITIALLY FOUND CLOGGED, REMOVED FOR TESTING. AIRFLOW INCREASED FROM 1100 CFM TO 1823 CFM.

Written By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: AHU/RTU

Asset: WSHP5

AREA:WINE ROOM

Unit Data		
	Design	Actual
MFG	NA	NA
Serial Num	-	NA
Model Num	NA	NA
Type	-	WSHP
Configuration	-	HORIZONTAL

Test Data		
	Design	Actual
SF CFM	-	1441
OA CFM	-	[2]

Completed By: Michael McDonnell on 07/25/2024

Notes:

- [1] UNIT SERVES LINEARS IN WINE ROOM. 2 ARE SUPPLY, 2 ARE RETURN. UNABLE TO ACCESS UNIT SAFELY.
- [2] UNIT DUCTED FOR OUTSIDE AIR, UNACCESSIBLE.

Written By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: AHU/RTU

Asset: WSHP6

AREA:SOUTH DINING

Unit Data		
	Design	Actual
MFG	NA	FHP
Serial Num	-	3540-101-000001
Model Num	NA	EC036-4HZC
Type	-	WSHP
Configuration	-	HORIZONTAL

Test Data		
	Design	Actual
SF CFM	-	1223
OA CFM	-	[1]

Motor Data		
	Design	Actual
Motor MFG	-	NA
Horsepower	-	0.5
Motor Rpm	-	NL
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	2.0

Completed By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: AHU/RTU

Asset: WSHP7

AREA:PRIVATE DINING

Unit Data		
	Design	Actual
MFG	NA	FHP
Serial Num	-	3540-101-000003-T111M39059
Model Num	NA	ECO36-HHZA
Type	-	WSHP
Configuration	-	HORIZONTAL

Test Data		
	Design	Actual
SF CFM	-	798
OA CFM	-	[1]

Motor Data		
	Design	Actual
Motor MFG	-	NL
Horsepower	-	0.5
Motor Rpm	-	NL
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	2.00

Completed By: Michael McDonnell on 07/25/2024

Notes:

[1] UNIT DUCTED FOR OA, UNACCESSIBLE.

[2] SERVES PRIVATE DINING ROOM. 2 LINEAR SUPPLY DIFFUSERS AND 1 LINEAR RETURN.

Written By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: AHU/RTU

Asset: WSHP8

AREA: LOBBY / RR

Unit Data		
	Design	Actual
MFG	NA	FHP
Serial Num	-	3540-101-000003-T111M34075
Model Num	NA	EC060-4HZC
Type	-	WSHP
Configuration	-	HORIZONTAL

Test Data		
	Design	Actual
SF CFM	-	1598
OA CFM	-	[1]

Motor Data		
	Design	Actual
Motor MFG	-	NL
Horsepower	-	0.75
Motor Rpm	-	NL
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	2.75

Completed By: Michael McDonnell on 07/25/2024

Notes:

- [1] DUCTED FOR OA, NOT ACCESSIBLE.
- [2] UNIT SERVES LOBBY AND RESTROOMS.

Written By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: AHU/RTU

Asset: WSHP9

AREA: REAR KITCHEN

Unit Data		
	Design	Actual
MFG	NA	CLIMATE MASTER
Serial Num	-	NA
Model Num	NA	TCH060AFC30
Type	-	WSHP
Configuration	-	HORIZONTAL

Test Data		
	Design	Actual
SF CFM	-	1697

Motor Data		
	Design	Actual
Motor MFG	-	NL
Horsepower	-	NL
Motor Rpm	-	NL
Phase	-	3
Rated Voltage	-	460
Rated Amperage	-	2.4

Completed By: Michael McDonnell on 07/25/2024

- Notes:
- [1] ELECTRICAL COMPARTMENT COVER MISSING. COULD NOT FIND IN THE CEILING.
 - [2] NOT DUCTED FOR OA.

Written By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: AHU/RTU

Asset: WSHP10

AREA:SOUTH DINING HOST WALL

Unit Data		
	Design	Actual
MFG	NA	NA
Serial Num	-	NA
Model Num	NA	NA
Type	-	WSHP
Configuration	-	HORIZONTAL

Test Data		
	Design	Actual
SF CFM	-	831

Motor Data		
	Design	Actual
Motor MFG	-	NA
Horsepower	-	NA

Completed By: Michael McDonnell on 07/25/2024

Notes:

- [1] DUCTED FOR OA, NOT ACCESSIBLE.
- [2] SERVES 3 LINEAR DIFFUSERS IN SOUTH DINING.

Written By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: FAN - Exhaust

Asset: EF1

AREA:GENERAL EXHAUST/TOILET

Unit Data		
	Design	Actual
MFG	NA	NA
Model Num	NA	NA
Serial Num	-	
Type	-	
Configuration	-	

Test Data		
	Design	Actual
CFM	3800	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	-	
Fan Inlet SP	-	
Fan Discharge SP	-	

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

Notes:

RESTROOMS CONTROLLED BY COMMON BUILDING EXHAUST. I READ 0 AIRFLOW. MAINTENANCE STAFF SAID THEY WERE TOLD IT IS RUNNING FINE. ALSO TOLD NOT TO TOUCH COMMON BUILDING EXHAUST.

Written By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: FAN - Exhaust

Asset: KEF1

AREA:HD1 / HD2

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NCA16FA	KB25
Serial Num	-	1289650
Type	UPBLAST ROOF	PCU
Configuration	VERTICAL	HORIZONTAL

Motor Data		
	Design	Actual
Motor MFG	-	MARATHON
Horsepower	-	7.5
Motor Rpm	-	3470
Phase	1	3
Voltage (rated)	208	208-230 / 460
Amperage (rated)	-	21.0-19.2 / 9.6
Service Factor	-	1.15

Test Data		
	Design	Actual
CFM	-	7214
Fan RPM	-	1101
Fan Rotation	-	CCW, CORRECT
Motor RPM	-	3452
System SetPt	-	SINGLE SPEED
RL Voltage	-	210/210/211
RL Amperage	-	14.8/14.6/14.4

Completed By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: FAN - Exhaust

Asset: KEF2

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NCA18FA	BI13CA
Serial Num	-	1233530
Type	-	UTILITY
Configuration	-	HORIZONTAL

Motor Data		
	Design	Actual
Motor MFG	-	WEG
Frame	-	D56
Horsepower	-	0.75
Motor Rpm	-	1730
Phase	1	1
Voltage (rated)	208	208
Amperage (rated)	-	6.10
Service Factor	-	1.25

Test Data		
	Design	Actual
CFM	-	0
Fan RPM	-	1038
Fan Rotation	-	CORRECT
Motor RPM	-	1784
System SetPt	-	SINGLE SPEED
RL Voltage	-	NR
RL Amperage	-	NR

Completed By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: FAN - Supply

Asset: MUA1

AREA:HD 1 / HD 2

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	A1-G10	A3-G18
Serial Num	-	1289560
Type	MUA	MUA
Configuration	VERTICAL	HORIZONTAL

Motor Data		
	Design	Actual
Motor MFG	-	WESTINGHOUSE
Horsepower	-	3.0
Phase	3	3
Voltage (rated)	208	208
Amperage (rated)	-	9.5

Test Data		
	Design	Actual
CFM	-	4617
SF RPM	-	442
Motor RPM	-	1788
SF System SetPt	-	SINGLE SPEED
RL Voltage	-	204/205/204
RL Amperage	-	4.4/4.4/4.3

General	
	Actual
Fan Rotation Correct	YES

Completed By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: Kitchen Hood Type I

Asset: HD1

AREA:KITCHEN LEFT

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NA	NL
Job / Serial Num	-	NL
Type	TYPE 1 CANOPY	TYPE I CANOPY
Hood length	-	180"
Hood Width	-	60"
Supply Plenum Type	-	PSP
Supply Plenum Width	-	12"
Supply Plenum Length	-	192"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLE
Filter Size 1	-	20X20
Filter Qty 1	-	9
Filter AK factor size 1	-	2.68
Filter Total AK Area	-	24.12
Filter1 FPM	-	121
Filter2 FPM	-	107
Filter3 FPM	-	118
Filter4 FPM	-	125
Filter5 FPM	-	121
Filter6 FPM	-	132
Filter7 FPM	-	149
Filter8 FPM	-	135
Filter9 FPM	-	129
Filter Ave FPM(corr)	-	126.33
CFM	-	3047

Cooking Equipment	
	Actual
Item 1	FRYER
Item 2	FRYER
Item 3	FRYER
Item 4	STOVE
Item 5	BROILER

Test Data Supply		
	Design	Actual
Total AK Area	-	16.00
Kv factor (Vel)	-	0.87
Num of Readings	-	12
Reading1 FPM	-	264
Reading2 FPM	-	184
Reading3 FPM	-	183
Reading4 FPM	-	246
Reading5 FPM	-	227
Reading6 FPM	-	153
Reading7 FPM	-	134
Reading8 FPM	-	190
Reading9 FPM	-	238
Reading10 FPM	-	194
Reading11 FPM	-	117
Reading12 FPM	-	177
Ave FPM(corr)	-	167.25
CFM	2625	2676

Completed By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: Kitchen Hood Type I

Asset: HD2

AREA:

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NA	NL
Job / Serial Num	-	NL
Type	-	TYPE I CANOPY
Hood length	-	180"
Hood Width	-	60"
Supply Plenum Type	-	psp
Supply Plenum Width	-	12"
Supply Plenum Length	-	180"

Test Data Exhaust		
	Design	Actual
Filter Type	-	BAFFLE
Filter Size 1	-	20X20
Filter Qty 1	-	9
Filter AK factor size 1	-	2.68
Filter Total AK Area	-	24.12
Filter1 FPM	-	191
Filter2 FPM	-	158
Filter3 FPM	-	177
Filter4 FPM	-	183
Filter5 FPM	-	162
Filter6 FPM	-	187
Filter7 FPM	-	177
Filter8 FPM	-	156
Filter9 FPM	-	164
Filter10 FPM	-	191
Filter11 FPM	-	158
Filter12 FPM	-	177
Filter Ave FPM(corr)	-	172.78
CFM	-	4167

Cooking Equipment	
	Actual
Item 1	BROILER
Item 2	BROILER
Item 3	OVEN
Item 4	OVEN
Item 5	WARMING RACK

Test Data Supply		
	Design	Actual
Total AK Area	-	15
Kv factor (Vel)	-	0.87
Num of Readings	-	12
Reading1 FPM	-	179
Reading2 FPM	-	170
Reading3 FPM	-	164
Reading4 FPM	-	171
Reading5 FPM	-	138
Reading6 FPM	-	131
Reading7 FPM	-	170
Reading8 FPM	-	171
Reading9 FPM	-	154
Reading10 FPM	-	110
Reading11 FPM	-	107
Reading12 FPM	-	120
Ave FPM(corr)	-	129.4
CFM	4102	1941

Completed By: Michael McDonnell on 07/25/2024



National TAB

Project: 06-24-24 DOMINICKS SCOTTSDALE, AZ

System/Unit: Kitchen Hood Type II

Asset: HD3

AREA:DISH HOOD

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Model Num	NA	NL
Serial Num	-	NL
Type	TYPE 2	TYPE II
Hood length	-	48"
Hood Width	-	96"

Test Data		
	Design	Actual
Exhaust CFM	-	0

Completed By: Michael McDonnell on 07/25/2024