

CheckList List

- SITE PICTURES
- TECH - STEP 1: INITIAL 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



IMG_0149
05/07/2024

RTU-2

Comment:



IMG_0150
05/07/2024

EF1

Comment:

PRV-2

Comment:



IMG_0151
05/07/2024

PRV-3

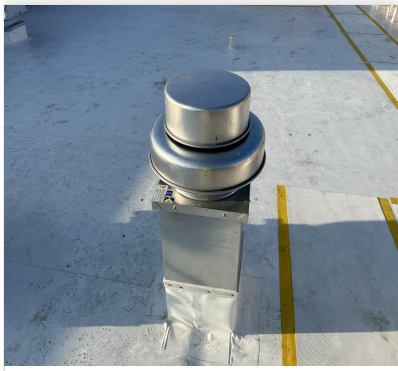
Comment:



IMG_0152
05/07/2024

PRV-4

Comment:



IMG_0153
05/07/2024

EF-2

Comment:

EFA3

Comment:

EFB3

Comment:

EFC3

Comment:

HOOD 1

Comment:

HOOD 2

Comment:



IMG_0156
05/07/2024

HOOD 3

Comment:



IMG_0157
05/07/2024

PRODIGY BOARD WIRING

Comment:



05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

CheckList Information

Name : TECH - STEP 1: INITIAL WALKTHROUGH **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 05/06/2024 - Wale Odofin - National TAB

CheckList Item Details

INITIAL SITE WALKTHROUGH

All diffusers and grilles are installed and match design? Yes

Comment:

Perforated diffusers are installed on the cook line? (4-ways will disrupt hood capture) Yes

Comment:

All hood filters installed and accounted for? Yes

Comment:

Hoods are wired and have power? Yes

Comment:

Thermostats have power? Yes

Comment:

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

Comment:



05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

CheckList Information

Name : TECH - STEP 2: UNIT DATA AND EVAL. **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 05/06/2024 - Wale Odofin - 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:

Thermostat wire run from OCP on the RTU to the Ec terminal at the thermostat? If no, jumper can be installed from R to OCP temporarily. (The economizers will not open without OCP being energized.)

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 grease rated fans 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:

The hood exhaust fans are installed in correct positions and are not switched?

Comment:

HOODS

Kitchen equipment installed in proper places?

Comment:

Can kitchen equipment be turned on for final smoke test?

Comment:

Second stage Grease Grabber filters are installed on the griddle hood?

Comment:

DOCUMENTATION

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

Comment:



05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

CheckList Information

Name : TECH - STEP 3: TEST, ADJUST AND BALANCE **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 05/06/2024 - Wale Odofin - 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:



05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

CheckList Information

Name : TECH - STEP 4: FINAL TESTS **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 05/06/2024 - Wale Odofin - 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:

PRODIGY SETTINGS FOR RTU'S

Parameter 65 set to 0

Comment:

Parameter 78 set to 0

Comment:

Parameter 105 set to 6

Comment:

Parameter 156 set to 70 (Dining unit only)

Comment:

Parameter 156 set to 65 (Kitchen Unit Only)

Comment:

Parameter 170 set to 75 (Dining Unit Only)

Comment:

Parameter 170 set to 70 (Kitchen Unit Only)

Comment:

Parameter 131 set to the same % as OA minimum position?

Comment:

Parameter 117 set to the same % as OA minimum position?

Comment:



05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

CheckList Information

Name : TECH - STEP 5: FINAL DOCUMENTATION **Status :** Not Completed
Assigned Organization : National TAB **Asset :**
Requesting Organization : National TAB
Created Date : 05/06/2024 - Wale Odofin - 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: 05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)



System/Unit: AHU/RTU

Asset: RTU1

AREA:DINING

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Serial Num	-	6039162
Model Num	CASTRU1.25024-20T	CASRTU3-1.250-24-20T
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	17
OA Filter Size 1	-	45.75x1.5
Num Final Filter 1	-	8
Final Filter Size 1	-	20x25x2

Motor Data		
	Design	Actual
Motor MFG	-	TECO WESTINGHOUSE
Frame	-	213T
Horsepower	-	7.5
Motor Rpm	-	1755
Phase	3	3
Rated Voltage	208	230/460
Rated Amperage	-	19.1/9.55

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

Test Data		
	Design	Actual
SF CFM	5200	
SF RPM	-	
RA CFM	3200	
OA CFM	2000	
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	-	
Unit Filters Clean	-	
Condensate Drain Installed	-	

National TAB

Project:05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

AHU/RTU



Diffuser Supply (GRD)

RTU1/DINING

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	ENTRY	A	8"	150					-
SGRD2	DIINING	A	8"	150					-
SGRD3	DIINING	A	10"	300					-
SGRD4	DIINING	A	10"	250					-
SGRD5	DIINING	A	10"	300					-
SGRD6	DIINING	A	10"	225					-
SGRD7	DIINING	A	8"	200					-
SGRD8	DIINING	A	10"	275					-
SGRD9	DIINING	A	10"	250					-
SGRD10	DIINING	A	10"	225					-
SGRD11	DIINING	A	10"	275					-
SGRD12	DIINING	A	8"	200					-
SGRD13	DIINING	A	10"	300					-
SGRD14	DRINKS/COND	A	10"	300					-
SGRD15	DRINKS /COND.	A	10"	250					-
SGRD16	CUST.ORDER	A	10"	300					-
SGRD17	CUST.ORDER	A	8"	200					-
SGRD18	CUST.ORDER	A	8"	200					-
SGRD19	CUST.ORDER	A	8"	200					-
SGRD20	CUST.ORDER	A	8"	200					-
SGRD21	CUST.ORDER	A	10"	300					-
SGRD22	RESTROOM	D	6"	75					-
SGRD23	RESTROOM	D	6"	75					-
Total				5200		0	0	0	0%

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Project: 05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)



System/Unit: AHU/RTU

Asset: RTU2

AREA:KITCHEN

Unit Data		
	Design	Actual
MFG	CAPTIVEAIRE	CAPTIVEAIRE
Serial Num	-	6039162
Model Num	CASTRU1.25024-20T	CASRTU3-1.250-24-20T
Type	RTU	RTU
Configuration	VERTICAL	VERTICAL
Num OA Filters 1	-	17
OA Filter Size 1	-	45.75x1.5
Num Final Filter 1	-	8
Final Filter Size 1	-	20x25x2

Motor Data		
	Design	Actual
Motor MFG	-	TECO WESTINGHOUSE
Frame	-	213T
Horsepower	-	7.5
Motor Rpm	-	1755
Phase	3	3
Rated Voltage	208	230/460
Rated Amperage	-	19.1/9.55

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

Test Data		
	Design	Actual
SF CFM	5000	
SF RPM	-	
RA CFM	3000	
OA CFM	2000	
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	-	
Unit Filters Clean	-	
Condensate Drain Installed	-	

National TAB

Project:05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

AHU/RTU



Diffuser Supply (GRD)

RTU2/KITCHEN

Asset									
Asset Name	Location	Type	Size	DESIGN CFM	AK	CFM(1)	CFM(2)	FINAL CFM	% to design
SGRD1	SUNDAE PREP	A	12"	500					-
SGRD2	SUNDAE PREP	A	10"	300					-
SGRD3	SUNDAE PREP	E	12"	550					-
SGRD4	KITCHEN	E	10"	300					-
SGRD5	KITCHEN	E	10"	350					-
SGRD6	KITCHEN	E	10"	300					-
SGRD7	KITCHEN	E	10"	300					-
SGRD8	KITCHEN	E	10"	350					-
SGRD9	KITCHEN	E	10'	300					-
SGRD10	KITCHEN	C	5"	50					-
SGRD11	KITCHEN	A	8"	125					-
SGRD12	KITCHEN	A	8"	350					-
SGRD13	KITCHEN	A	10"	300					-
SGRD14	OFFICE	F	9"	225					-
SGRD15	UTILITY ROOM	D	8"	150					-
SGRD16	DRY GOODS	A	8"	200					-
SGRD17	DRY GOODS	A	8"	350					-
Total				5000		0	0	0	0%

National TAB

Project: 05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

System/Unit: FAN - Exhaust



Asset: EF1

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XCR-A200	XCR-A200
Serial Num	-	22728986
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Frame	-	N/A
Horsepower	-	1/40
Motor Rpm	-	900
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	0.46
Service Factor	-	N/A

Test Data		
	Design	Actual
CFM	220	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.125"	
Fan Inlet SP	-	
Fan Discharge SP	-	

National TAB

Project: 05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

System/Unit: FAN - Exhaust



Asset: EF2

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XCR-B50	XCR-B50
Serial Num	-	22728991
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Frame	-	N/A
Horsepower	-	N/A
Motor Rpm	-	625
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	0.13
Service Factor	-	N/A

Test Data		
	Design	Actual
CFM	50	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.125"	
Fan Inlet SP	-	
Fan Discharge SP	-	

National TAB

Project: 05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

System/Unit: FAN - Exhaust



Asset: EFA3

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XCR-B70	XCR-B70
Serial Num	-	22728995
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Frame	-	N/A
Horsepower	-	N/A
Motor Rpm	-	675
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	0.15
Service Factor	-	N/A

Test Data		
	Design	Actual
CFM	70	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.100"	
Fan Inlet SP	-	
Fan Discharge SP	-	

National TAB

Project: 05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

System/Unit: FAN - Exhaust



Asset: EFB3

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XCR-B70	XCR-B70
Serial Num	-	22728996
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Frame	-	N/A
Horsepower	-	N/A
Motor Rpm	-	675
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	0.15
Service Factor	-	N/A

Test Data		
	Design	Actual
CFM	70	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.100"	
Fan Inlet SP	-	
Fan Discharge SP	-	

National TAB

Project: 05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

System/Unit: FAN - Exhaust



Asset: EFC3

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XCR-B70	XCR-B70
Serial Num	-	22728997
Type	CEILING	CEILING
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	GREENHECK
Frame	-	N/A
Horsepower	-	N/A
Motor Rpm	-	675
Phase	1	1
Voltage (rated)	115	115
Amperage (rated)	-	0.15
Service Factor	-	N/A

Test Data		
	Design	Actual
CFM	70	
Fan RPM	-	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.100"	
Fan Inlet SP	-	
Fan Discharge SP	-	

National TAB

Project: 05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

System/Unit: FAN - Exhaust



Asset: PRV2

AREA:HOOD 2

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XRUB-161XP-15	XCUE-140-10-VG-1-26-G
Serial Num	-	22729566
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	3	
Voltage (rated)	208	
Amperage (rated)	-	
Service Factor	-	

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

Test Data		
	Design	Actual
CFM	1500	
Fan RPM	2411	
Fan Rotation	-	
Motor RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	2.337"	

National TAB

Project: 05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

System/Unit: FAN - Exhaust



Asset: PRV3

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XRUB-141-7	XCUE-140-10-VG-1-26-G
Serial Num	-	22729571
Type	UPBLAST	UPBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	3	
Voltage (rated)	208	
Amperage (rated)	-	
Service Factor	-	

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

Test Data		
	Design	Actual
CFM	1500	
Fan RPM	1377	
Fan Rotation	-	
Motor RPM	-	
RL Voltage	-	
RL Amperage	-	
Suction ESP	-	
Discharge ESP	-	
Total ESP	1.00"	

National TAB

Project: 05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

System/Unit: FAN - Exhaust



Asset: PRV4

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XRED-090-D	XRED-095-D-8-1-17-X
Serial Num	-	22728627
Type	CENTRIFUGAL	DOWNBLAST
Configuration	VERTICAL	VERTICAL

Motor Data		
	Design	Actual
Motor MFG	-	
Frame	-	
Horsepower	-	
Motor Rpm	-	
Phase	1	
Voltage (rated)	115	
Amperage (rated)	-	
Service Factor	-	

Test Data		
	Design	Actual
CFM	350	
Fan RPM	1532	
Fan Rotation	-	
Motor RPM	-	
System SetPt	-	
RL Voltage	-	
RL Amperage	-	
Total ESP	0.60"	
Fan Inlet SP	-	
Fan Discharge SP	-	

National TAB

Project: 05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

System/Unit: Kitchen Hood Type I



Asset: HD1

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XXEP-6.92-S	XXEP-83.00-S
Job / Serial Num	-	24076587
Type	TYPE I	TYPE 1 LOW PROXIMITY
Hood length	83"	83"
Hood Width	23"	23"

Test Data Exhaust		
	Design	Actual
Filter Type	XTRACTOR	XTRACTOR
Filter Size 1	16X16	15.5x15.5
Filter Size 2	-	
Filter Qty 1	5	5
Filter Qty 2	-	
Filter AK factor size 1	1.53	1.53
Filters AK factor size 2	-	
Filter Total AK Area	7.65	7.65
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	1500	

Cooking Equipment		
	Design	Actual
Item 1	-	FRYER
Item 2	-	

National TAB

Project: 05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

System/Unit: Kitchen Hood Type I



Asset: HD2

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XGEP-5.33-S	XGEP-64.00-S
Job / Serial Num	-	22828892
Type	TYPE I	
Hood length	64"	64"
Hood Width	23"	23"

Test Data Exhaust		
	Design	Actual
Filter Type	GREASE GRABBER	GREASE GRABBER
Filter Size 1	16X16	15.5x15.5
Filter Size 2	-	
Filter Qty 1	4	4
Filter Qty 2	-	
Filter AK factor size 1	1.53	1.53
Filters AK factor size 2	-	
Filter Total AK Area	6.12	6.12
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	1500	

Cooking Equipment		
	Design	Actual
Item 1	-	GRIDDLE
Item 2	-	

National TAB

Project: 05-20-24 CULVERS - TAMARAC, FL (HOOD/EF CERT)

System/Unit: Kitchen Hood Type II



Asset: HD3

AREA:

Unit Data		
	Design	Actual
MFG	ACCUREX	ACCUREX
Model Num	XD3-3.5-S	XD3-42.00-S
Serial Num	-	22828875
Type	TYPE II	
Hood length	42"	42"
Hood Width	42"	42"

Test Data		
	Design	Actual
Exhaust CFM	350	