



**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

**APPLICATION FOR OSHPD SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)**

OFFICE USE ONLY	
APPLICATION #:	OSP - 0325

OSHPD Special Seismic Certification Preapproval (OSP)

Type: New Renewal

Manufacturer Information

Manufacturer: Daikin Applied

Manufacturer's Technical Representative: Brent Johnski

Mailing Address: 13600 Industrial Park Blvd., Plymouth, MN 55441

Telephone: (763) 553-5239 Email: brent.johnski@daikinapplied.com

Product Information

Product Name: Vision/Skyline Custom Air Conditioning Units

Product Type: Air Conditioning Unit - Packaged

Product Model Number: Vision/Skyline Standard Sizes 006 - 090
(List all unique product identification numbers and/or part numbers)

General Description: Air conditioning unit cabinets with internal and external components as outline in the Product Matrices. Seismic enhancements made to test units before/during test and modifications made to address anomalies observed during test shall be incorporated into the production units.

Mounting Description: Rigid base mount to structure or curb.

Applicant Information


Applicant Company Name: TRU Compliance, by Structural Integrity Associates, Inc

Contact Person: Andy Coughlin

Mailing Address: 233 SW Wilson Ave, Suite 101, Bend, OR 97702

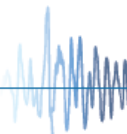
Telephone: 844-878-0200 Email: acoughlin@structint.com

I hereby agree to reimburse the Office of Statewide Health Planning and Development review fees in accordance with the California Administrative Code, 2016.

Signature of Applicant:  Date: 5/22/2019

Title: Director Company Name: TRU Compliance, by Structural Integrity Associates, Inc

"Access to Safe, Quality Healthcare Environments that Meet California's Diverse and Dynamic Needs"





**OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION**

California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)

Company Name: TRU Compliance, by Structural Integrity Associates, Inc

Name: Andy Coughlin, SE California License Number: S6082

Mailing Address: 233 SW Wilson Ave, Suite 101, Bend, OR 97702

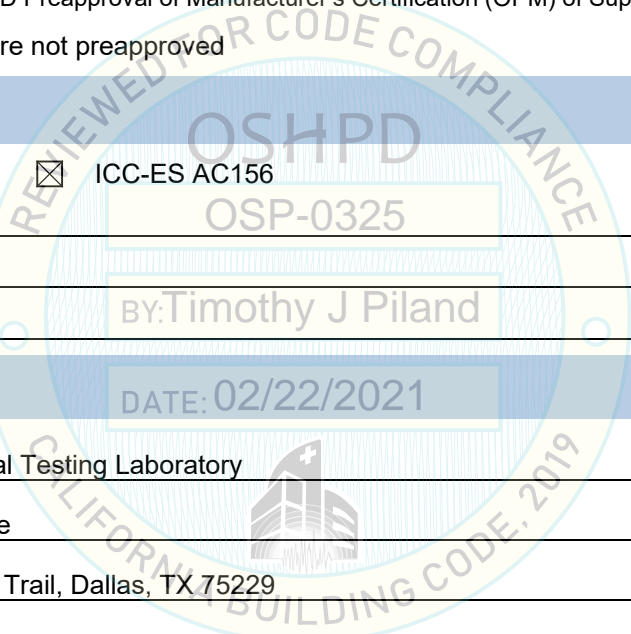
Telephone: 844-878-0200 Email: acoughlin@structint.com

Supports and Attachments Preapproval

- Supports and attachments are preapproved under OPM- _____
(Separate application for OSHPD Preapproval of Manufacturer's Certification (OPM) of Supports and attachments is required)
- Supports and attachments are not preapproved

Certification Method

- Testing in accordance with: ICC-ES AC156
- Other (Please Specify): _____



Testing Laboratory

Company Name: Environmental Testing Laboratory

Contact Name: Jeremy Lange

Mailing Address: 11034 Indian Trail, Dallas, TX 75229

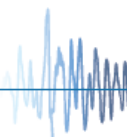
Telephone: 972-247-9657 Email: jeremy@etldallas.com

Company Name: Pacific Earthquake Engineering Research Center (PEER)

Contact Name: Nathaniel Knight

Mailing Address: 1301 South 46th St., Bldg. 420, Richmond, CA 94804

Telephone: 510-665-2135 Email: peer_center@berkeley.edu





OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT
FACILITIES DEVELOPMENT DIVISION

Seismic Parameters

Design in accordance with ASCE 7-10 Chapter 13: [X] Yes [] No

Design Basis of Equipment or Components (Fp/Wp) = 1.45

Sds (Design spectral response acceleration at short period, g) = 1.93

ap (In-structure equipment or component amplification factor) = 2.5

Rp (Equipment or component response modification factor) = 6.0

Omega_0 (System overstrength factor) = 2.0

Ip (Importance factor) = 1.5

z/h (Height factor ratio) = 1.0

Equipment or Component Natural Frequencies (Hz) = See Attachments

Overall dimensions and weight (or range thereof) = See Attachments

Equipment or Components @ grade designed in accordance with ASCE 7-10 Chapter 15: [] Yes [X] No

Design Basis of Equipment or Components (V/W) =

Sds (Design spectral response acceleration at short period, g) =

Sd1 (Design spectral response acceleration at 1 second period, g) =

R (Response modification coefficient) =

Omega_0 (System overstrength factor) =

Cd (Deflection amplification factor) =

Ip (Importance factor) = 1.5

Height to Center of Gravity above base =

Equipment or Component Natural Frequencies (Hz) =

Overall dimensions and weight (or range thereof) =

Tank(s) designed in accordance with ASME BPVC, 2015: [] Yes [X] No

List of Attachments Supporting Special Seismic Certification

[X] Test Report(s) [X] Drawings [] Calculations [X] Manufacturer's Catalog

[X] Other(s) (Please Specify): Product Matrices

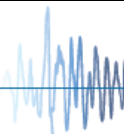
OSHPD Approval (For Office Use Only) - Approval Expires on December 31, 2025

Signature: [Signature] Date: February 22, 2021

Print Name: Timothy J. Piland Title: SSE

Special Seismic Certification Valid Up to: Sds (g) = 1.93 z/h = 1

Condition of Approval (if applicable):



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



1801262-CR-001-R1

Manufacturer: Daikin Applied	TABLE 1
Model Line: Vision/Skyline Custom Air Handling Units	

Certified Product Construction Summary:

Base rail: 4"-12" galv. carbon steel channel; Panels: 2" thick sandwich panel, Outer liner: 0.022" - 0.046" galv. carbon steel or stainless steel; Inner liner: 0.022"- 0.046" galv. carbon steel or stainless steel.

Certified Options Summary:

No base, standard base, standard curb ready base, or unitized curb ready base.

Mounting Configuration:

Base or curb mounted - rigid

Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.

Building Code: CBC 2019

Seismic Certification Limits:

$S_{DS} = 1.93 g$ $z/h = 1.0$

$I_p = 1.5$

Model Line	Model	Dimensions (in)			Weight ² (lb)	Notes	UUT
		Depth	Width	Height ¹			
Vision/Skyline AHU Standard Sizes	006	No Limit	52	30	112 psf		Extrap.
	008		58	34		Extrap.	
	010		64	36		Extrap.	
	012		66	42		Extrap.	
	014		74	42		Extrap.	
	017		80	46		Extrap.	
	021		82	52		Extrap.	
	025		86	60		Extrap.	
	030	170	98	66	5,140	UUT: model OAH031GVAM, galv. carbon steel, standard base, 44 psf.	2
	030	166	98	68	4,965	UUT: model OAH031GVAM, galv. carbon steel, unitized base w/ 12" curb, 44 psf.	10
	035	No Limit	102	66	112 psf		Interp.
	040		116	68		Interp.	
	050		120	80		Interp.	
	065		136	92		Interp.	
	080		136	98		Interp.	
	085		136	104		Interp.	
	090	136	110	Interp.			

¹ Listed heights include cabinet and base rail only. Curb height is not included.

² Max loading of 112 psf for all interpolated and extrapolated sizes per UUT4.

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



1801262-CR-001-R1

Manufacturer: Daikin Applied	TABLE 1
Model Line: Vision/Skyline Custom Air Handling Units	

Certified Product Construction Summary:
Base rail: 4"-12" galv. carbon steel channel; Panels: 2" thick sandwich panel, Outer liner: 0.022" - 0.046" galv. carbon steel or stainless steel; Inner liner: 0.022"- 0.046" galv. carbon steel or stainless steel.

Certified Options Summary:
No base, standard base, standard curb ready base, or unitized curb ready base.

Mounting Configuration:
Base or curb mounted - rigid
Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.

Building Code: CBC 2019 **Seismic Certification Limits:** $S_{DS} = 1.93 g$ $z/h = 1.0$ $I_p = 1.5$

Model Line	Model	Dimensions (in)			Weight ² (lb)	Notes	UUT
		Depth	Width	Height ¹			
Vision/Skyline AHU Custom Sizes	Custom Size AHU	No Limit	52	30	112 psf		Extrap.
		...	...	...			Extrap.
		152	58	30	2,170	UUT: model CAH007GVDM, galv. carbon steel outer liner, stainless steel inner liner, standard base, 35 psf.	1
		No Limit	...	...	112 psf		Interp.
		126	140	130	9,995	UUT: model OAH100GVHM, galv. carbon steel, unitized base, 36" curb, 82 psf.	13
		136	140	130	11,185	UUT: model OAH100GVAM, galv. carbon steel, unitized base, 36" curb, 85 psf.	11
		No Limit	...	...	112 psf		Interp.
		60	142	130	2,736	UUT: model CAH102GVAM, galv carbon steel, standard base, 46 psf.	9b
		112	142	130	8,654	UUT: model CAC102GBAM, galv carbon steel, standard base, 78 psf.	7
		122	142	130	7,725	UUT: model OAH100GVGM, galv carbon steel outer liner, stainless steel inner liners, standard curb ready base, 64 psf.	12

¹ Listed heights include cabinet and base rail only. Curb height is not included.

² Max loading of 112 psf for all interpolated and extrapolated sizes per UUT4.

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



1801262-CR-001-R1

Manufacturer: Daikin Applied	TABLE 1
Model Line: Vision/Skyline Custom Air Handling Units	

Certified Product Construction Summary:

Base rail: 4"-12" galv. carbon steel channel; Panels: 2" thick sandwich panel, Outer liner: 0.022" - 0.046" galv. carbon steel or stainless steel; Inner liner: 0.022"- 0.046" galv. carbon steel or stainless steel.

Certified Options Summary:

No base, standard base, standard curb ready base, or unitized curb ready base.

Mounting Configuration:

Base or curb mounted - rigid

Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.

Building Code: CBC 2019

Seismic Certification Limits:

$S_{DS} = 1.93 g$ $z/h = 1.0$

$I_p = 1.5$

Model Line	Model	Dimensions (in)			Weight ² (lb)	Notes	UUT
		Depth	Width	Height ¹			
Vision/Skyline AHU Custom Sizes	Custom Size AHU	124	142	130	8,690	UUT: model OAH102GVDM, galv carbon steel, standard curb ready base, 36" curb, 71 psf.	5
		126	142	130	10,888	UUT: model CAH102GBGM, galv carbon steel outer liner, stainless steel inner liners, standard base, 88 psf.	8
		136	142	130	15,020	UUT: model CAH102GVAM, galv carbon steel, standard base, 112 psf.	4
		146	142	130	8,914	UUT: model CAH102GVAM, galv carbon steel, standard base, 62 psf.	9a
		No Limit	...	...	112 psf		Interp.
		122	142	134	7,390	UUT: model CAH102GVAM, galv carbon steel, standard base, 61 psf.	3
		No Limit	142	134	112 psf		Interp.

¹ Listed heights include cabinet and base rail only. Curb height is not included.

² Max loading of 112 psf for all interpolated and extrapolated sizes per UUT4.

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

1801262-CR-001-R1



Manufacturer: Daikin Applied Model Line: Vision/Skyline Custom Air Handling Units		Table Description: Coils				TABLE 2		
Building Code: CBC 2019		Seismic Certification Limits: $S_{DS} = 1.93 g$ $z/h = 1.0$				$I_p = 1.5$		
Model Line (Manufacturer)	Model	Rows	Dimension (in)		Weight (lb)	Material	Notes	UUT
			Width	Height				
Steam (Daikin Applied)	Steam Coil (Stacked 1 - 3 high)	1 to 2 rows	36	12	Cu tube, Al fin	6-14 fpi	Extrap.	
			...	...		6-14 fpi	Interp.
			129	108		6-14 fpi	Interp.	
		1	43	21		UUT: 0.0075" fin, 6 fpi, 0.020" wall 1" dia. tube, stacked 1 high	1	
		2	124	99		UUT: 0.0075" fin, 14 fpi, 0.020" wall 5/8" dia. tube, stacked 3 high	11	
		2	126	99		UUT: 0.0095" fin, 14 fpi, 0.025" wall 5/8" dia. tube, stacked 3 high	8	
DX (Daikin Applied)	DX Coil (Stacked 1 - 3 high)	3 to 10 rows	36	12	6-14 fpi	Extrap.		
			...	...	6-14 fpi	Interp.	
			129	108	6-14 fpi	Interp.		
		3	45	15	UUT: 0.0075" fin, 6 fpi, 0.020" wall 5/8" dia. tube, stacked 1 high	1		
		10	129	108	UUT: 0.0075" fin, 14 fpi, 0.020" wall 5/8" dia. tube, stacked 2 high	8		

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX



1801262-CR-001-R1

Manufacturer:	Daikin Applied	Table Description:	Coils	TABLE 2
Model Line:	Vision/Skyline Custom Air Handling Units			

Building Code: CBC 2019 **Seismic Certification Limits:** $S_{DS} = 1.93 g$ $z/h = 1.0$ $I_p = 1.5$

Model Line (Manufacturer)	Model	Rows	Dimension (in)		Weight (lb)	Material	Notes	UUT
			Width	Height				
Chilled Water/Hot Water (Daikin Applied)	CW/HW Coil (Stacked 1 - 3 high)	1 to 10 rows	36	12		Cu tube, Al fin or Cu fin	6-14 fpi	Extrap.
			...	...			6-14 fpi	Interp.
			129	108			6-14 fpi	Interp.
		1	45	21		Cu tube, Al fin	UUT: 0.0075" fin, 6 fpi, 0.020" wall 5/8" dia. tube, stacked 1 high	1
		2	45	21		Cu tube, Al fin	UUT: 0.0075" fin, 6 fpi, 0.020" wall 5/8" dia. tube, stacked 1 high	1
		2	129			Cu tube, Al fin	UUT: 0.0095" fin, 14 fpi, 0.020" wall 5/8" dia. tube, stacked 3 high	7
		8	127	108		Cu tube, Cu fin	UUT: 0.0060" fin, 10 fpi, 0.025" wall 5/8" dia. tube, stacked 3 high	11
10	129	108		Cu tube, Al fin	UUT: 0.0075" fin, 14 fpi, 0.020" wall 5/8" dia. tube, stacked 2 high	7		

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

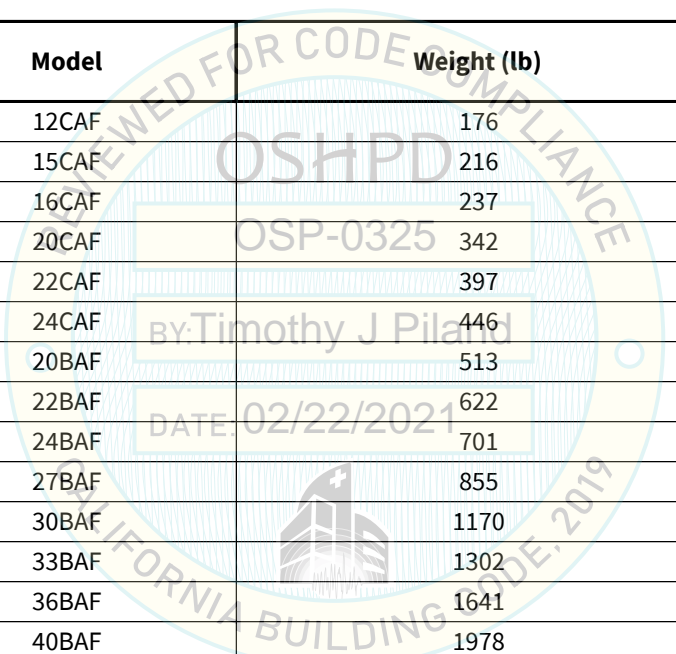


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Manufacturer: Daikin Applied	Table Description: DWDI AF Series Fans (Horizontal Belt Drive)	TABLE 3
Model Line: Vision/Skyline Custom Air Handling Units		

Building Code: CBC 2019 **Seismic Certification Limits:** $S_{DS} = 1.93 g$ $z/h = 1.0$ $I_p = 1.5$

Component Type	Manufacturer	Model	Weight (lb)	Notes	UUT
CAF	Daikin Applied	12CAF	176	UUT: bottom horizontal	2, 10
		15CAF	216		Interp.
		16CAF	237		Interp.
		20CAF	342	UUT: top horizontal	11
		22CAF	397		Interp.
		24CAF	446	UUT: down blast, top horizontal	2
BAF	Penn Barry	20BAF	513	UUT: up blast	4, 9b
		22BAF	622		Interp.
		24BAF	701		Interp.
		27BAF	855		Interp.
		30BAF	1170		Interp.
		33BAF	1302		Interp.
		36BAF	1641		Interp.
		40BAF	1978	UUT: top horizontal	3



SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

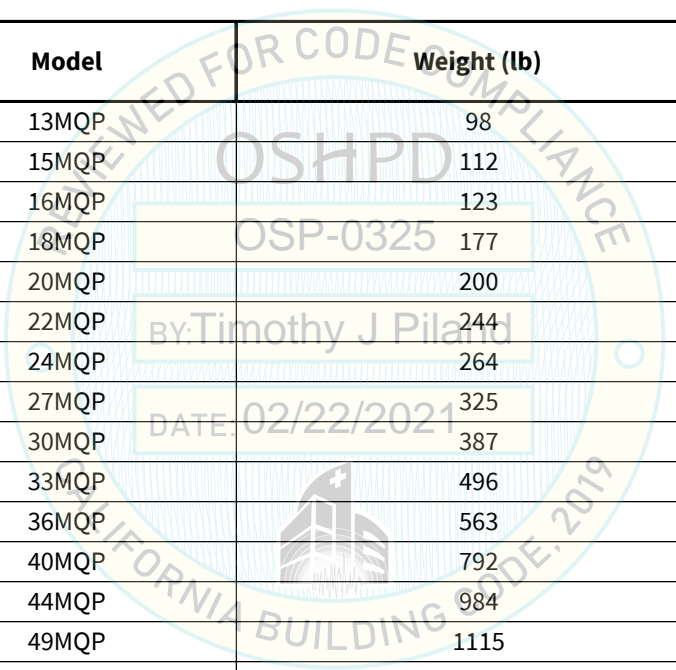
1801262-CR-001-R1



Manufacturer: Daikin Applied	Table Description: MQP Plenum Series Fans (Horizontal Belt Drive)	TABLE 4
Model Line: Vision/Skyline Custom Air Handling Units		

Building Code: CBC 2019 **Seismic Certification Limits:** $S_{DS} = 1.93 g$ $z/h = 1.0$ $I_p = 1.5$

Component Type	Manufacturer	Model	Weight (lb)	Notes	UUT
MQP	Daikin Applied	13MQP	98	UUT: 9 blade, class II	1
		15MQP	112		Interp.
		16MQP	123		Interp.
		18MQP	177		Interp.
		20MQP	200		Interp.
		22MQP	244		Interp.
		24MQP	264		Interp.
		27MQP	325		Interp.
		30MQP	387		Interp.
		33MQP	496		Interp.
		36MQP	563		Interp.
		40MQP	792		Interp.
		44MQP	984		Interp.
		49MQP	1115		Interp.
		54MQP	1344		Interp.
		60MQP	1520	UUT: 12 blade, class II	5



SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

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Manufacturer: Daikin Applied	Table Description: DDPL Series Fans (Horizontal Direct Drive)	TABLE 5
Model Line: Vision/Skyline Custom Air Handling Units		

Building Code: CBC 2019 **Seismic Certification Limits:** $S_{DS} = 1.93 g$ $z/h = 1.0$ $I_p = 1.5$

Component Type	Manufacturer	Model	Weight (lb)	Notes	UUT
DDPL	Twin City Fan	DDPL12	69	UUT: 9 blade, class II	1
		DDPL13	78		Interp.
		DDPL15	90		Interp.
		DDPL16	98		Interp.
		DDPL18	142		Interp.
		DDPL20	160		Interp.
		DDPL22	195		Interp.
		DDPL24	211		Interp.
		DDPL27	260		Interp.
		DDPL30	310		Interp.
		DDPL33	397		Interp.
		DDPL36	450		Interp.
		DDPL40	634		Interp.
		DDPL44	787	UUT: 12 blade, class III	8

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX



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Manufacturer:	Daikin Applied	Table Description: Fan Array	TABLE 6
Model Line:	Vision/Skyline Custom Air Handling Units		

Building Code: CBC 2019 **Seismic Certification Limits:** $S_{DS} = 1.93 g$ $z/h = 1.0$ $I_P = 1.5$

Model Line (Manufacturer)	Model	Dimension (in)			Weight (lb)	Max Stack	Notes	UUT
		Depth	Width	Height				
Fan Array (Twin City)	DDPL12	32	36	30	342	4		Extrap.
	DDPL15	36	38	32	398	4	UUT: 4 high x 4 wide; 9, 12 blade; class II	12
	DDPL16	42	40	36	455	3		Interp.
	DDPL18	46	44	38	520	3		Interp.
	DDPL20	48	48	40	601	3		Interp.
	DDPL22	50	50	44	666	2		Interp.
	DDPL24	54	54	46	739	2		Interp.
	DDPL27	58	58	48	1152	2		Interp.
	DDPL30	60	62	54	1379	2		Interp.
	DDPL33	64	66	60	1606	2	UUT: 2 high x 2 wide; 9, 12 blade; class II, III	13

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

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Manufacturer:	Daikin Applied	Table Description: Fan Motors	TABLE 7
Model Line:	Vision/Skyline Custom Air Handling Units		

Building Code: CBC 2019 **Seismic Certification Limits:** $S_{DS} = 1.93 g$ $z/h = 1.0$ $I_p = 1.5$

Component Type	Manufacturer	Model	Weight (lb)	Notes	UUT
Belt Drive (TEFC or ODP)	Baldor	EM3116T	36	UUT: 230/460V, 1 HP, ODP	1, 2, 9, 10
		EM3157T	46	UUT: 230/460V, 2 HP, ODP	4, 11
		...	...		Interp.
		EM4110T-8	604	UUT: 230/460V, 40 HP, TEFC	2
		...	...		Interp.
		EM2551T	878	UUT: 230/460V, 75 HP, ODP	5
		EM4316T	955	UUT: 230/460V, 75 HP, TEFC	3
Direct Drive (TEFC or ODP)	Baldor	EM3116T-8	49	UUT: 200V, 1 HP, ODP	12
		EM3546T	49	UUT: 230/460V, 1 HP, TEFC	12
		...	...		Interp.
	TECO	EM2543T	676	UUT: 230/460V, 50 HP, ODP	13
		DHP0014	49	UUT: 230/460V, 200V, 1 HP, ODP	1, 12
		...	...		Interp.
		DHP0504	652	UUT: 230/460V, 50 HP, ODP	13
		NP0504	795	UUT: 230/460V, 50 HP, TEFC	13
...	...		Interp.		
DHP0756	1,058	UUT: 230/460V, 75 HP, ODP	8		

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX



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Manufacturer: Daikin Applied	Table Description: Variable Frequency Drive	TABLE 8
Model Line: Vision/Skyline Custom Air Handling Units		

Building Code: CBC 2019	Seismic Certification Limits: $S_{DS} = 1.93 g$ $z/h = 1.0$ $I_p = 1.5$
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Component Type	Manufacturer	Model	Description	Notes	UUT
Variable Frequency Drive	ABB	ACS320	1 HP	UUT: 460V	1
			...		Interp.
			4 HP	UUT: 460V	12
			5 HP	UUT: 200/230V	13
	ABB	ACH550	...		Interp.
			30 HP	UUT: 230/460V	2
	Danfoss	FC102	75 HP	UUT: 200/460V	13
			1 HP	UUT: 460V	1
		...		Interp.	
		75 HP	UUT: 200/460V	3	

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

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Manufacturer:	Daikin Applied	Table Description: Electrical Control Panels	TABLE 9
Model Line:	Vision/Skyline Custom Air Handling Units		

Building Code: CBC 2019 **Seismic Certification Limits:** $S_{DS} = 1.93 g$ $z/h = 1.0$ $I_p = 1.5$

Model Line (Manufacturer)	Model	Dimension (in)			Weight (lb)	Material	Notes	UUT
		Depth	Width	Height				
Enclosure (Schneider)	NSYS3DC4320	8	12	16	38		2	
	NSYS3DC6420	8	16	24	...		Interp.	
	NSYS3DC7525	8	20	30	...		Interp.	
	NSYS3DC10625	8	24	36	139		3	
	NSYS3DC6625	9.8	23.6	23.6	...		Interp.	
	NSYS3DC8630	10.1	23.6	31.5	...		Interp.	
	NSYS3DC8830	10.1	31.5	31.5	...		Interp.	
	NSYS3DC10830	10.1	31.5	39.4	...		Interp.	
	NSYS3DC10840	15.8	31.5	39.4	...		Interp.	
	NSYS3DC12830	10.1	31.5	47.2	...		Interp.	
	NSYS3DC101030	10.1	39.4	39.4	...		Interp.	
	NSYS3DC121030	10.1	39.4	47.2	...		Interp.	
	NSYS3DC8830	11.8	31.5	31.5	...		Interp.	
	NSYS3DC10830	11.8	31.5	39.4	342		12	
Enclosure (Rittal)	WM483616NC	16	36	48	204		13	
		16	36	48	563		13	

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX



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Manufacturer:	Daikin Applied	Table Description: Dampers/Actuators	TABLE 10
Model Line:	Vision/Skyline Custom Air Handling Units		

Building Code: CBC 2019 **Seismic Certification Limits:** $S_{DS} = 1.93 g$ $z/h = 1.0$ $I_p = 1.5$

Model Line (Manufacturer)	Model	Dimension (in)			Weight (lb)	Material	Notes	UUT
		Depth	Width	Height				
Control Dampers (Daikin Applied)	UltraSeal	14	14	10	Galv. Carbon Steel			Extrap.
		...	...	...				Extrap.
		14	58	52				5
		14	32	18				1
		14	22	10				1
Control Dampers (Greenheck)	VCD-33	14	30	26	Galv. Carbon Steel			12
		...	...	...				Interp.
		14	67	59				13
		14	30	28				12
		14	32	26				12
		14	32	28				12
Backdraft Dampers (Ruskin)	CBD6	14	32	26	Aluminum			12
		...	...	...				Interp.
		14	50	54				13
		14	32	28				12
Actuators (Belimo)	AMB24-3	2.2	3.5	5.5				12
	AMB24-MFT	2.9	4.6	7				Interp.
	GMB24-3	2.9	4.6	7				Interp.
	GMB24-MFT	2.9	4.6	7				12
	NFX24-SR	3.4	3.9	7.6				12
	AXF24-SR	3.4	3.9	7.6				12

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer:		Daikin Applied				
Model Line:		Vision/Skyline Custom Air Handling Units				
UUT	Unit Description	Report Number	Testing Laboratory	S _{DS}	z/h	I _p
1	Air Handling Unit (152"D x 58"W x 30"H)	PEER - STI/2012-19	PEER	1.93g	1	1.5
2	Air Handling Unit (170"D x 98"W x 66"H)	PEER - STI/2012-19	PEER	1.93g	1	1.5
3	Air Handling Unit (122"D x 142"W x 134"H)	PEER - STI/2012-19	PEER	1.93g	1	1.5
4	Air Handling Unit (136"D x 142"W x 130"H)	PEER - STI/2012-19	PEER	1.93g	1	1.5
5	Air Handling Unit (124"D x 142"W x 130"H)	PEER - STI/2012-19	PEER	1.93g	1	1.5
7	Air Handling Unit (112"D x 142"W x 130"H)	12544	Environmental Testing Laboratory (ETL)	1.93g	1	1.5
8	Air Handling Unit (126"D x 142"W x 130"H)	12544	Environmental Testing Laboratory (ETL)	1.93g	1	1.5
9a	Air Handling Unit (146"D x 142"W x 130"H)	12544	Environmental Testing Laboratory (ETL)	1.93g	1	1.5
9b	Air Handling Unit (60"D x 142"W x 130"H)	12544	Environmental Testing Laboratory (ETL)	1.93g	1	1.5
10	Air Handling Unit (166"D x 98"W x 68"H)	13332	Environmental Testing Laboratory (ETL)	2.00g	1	1.5
11	Air Handling Unit (136"D x 140"W x 130"H)	13332	Environmental Testing Laboratory (ETL)	2.00g	1	1.5
12	Air Handling Unit (122"D x 142"W x 130"H)	13332	Environmental Testing Laboratory (ETL)	2.00g	1	1.5
13	Air Handling Unit (126"D x 140"W x 130"H)	13332	Environmental Testing Laboratory (ETL)	2.00g	1	1.5

Notes: Listed heights include cabinet and base rail only. Curb height is not included.

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer: Daikin Applied	UUT 1
Model Line: Vision/Skyline Custom Air Handling Units	
Model Number: CAH007GVDM	
Serial Number: FB0U120900429	

Product Construction Summary:
No base, 2" thick sandwich panel, 0.046" galv. carbon steel outer liner, 0.022" stainless steel inner liner, two open ends, 35 psf.

Options/Subcomponent Summary:
1 row single steam coil, 3 row single DX coil, 1 row single CW/HW coil, 2 row single CW/HW coil, 13MQP fan, DDPL12 fan, 1HP(230/460V) Baldor belt drive motor, 1HP(230/460V) TECO direct drive motor, 1HP(460V) ABB VFD, 1HP(460V) Danfoss VFD, Daikin Applied control dampers, filter racks, cartridge/bag filters, interior lights.

<i>UUT Properties</i>						
Weight ¹ (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height ²	Front-Back	Side-Side	Vertical
2,170	152	58	30	7.8	7.0	7.0

<i>UUT Highest Passed Seismic Run Information</i>								
Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2019	ICC-ES AC156 (2018)	1.93	1.0	1.5	3.09	2.32	1.29	0.52
			0.0					

Test Mounting Details:



Rigid base mounted using (24) 1/2" Grade 8 bolts. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

¹ Listed weight does not include mounting fixture or curb (if applicable).

² Listed height includes cabinet only. Mounting fixture and curb height (if applicable) is not included.

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer: Daikin Applied	UUT 2
Model Line: Vision/Skyline Custom Air Handling Units	
Model Number: OAH031GVAM	
Serial Number: FB0U120900450	

Product Construction Summary:
Standard curb ready base, 6" galv. carbon steel base rail, 2" thick sandwich panel, 0.022"/0.046" galv. carbon steel outer liner, 0.022"/0.046" galv. carbon steel inner liner w/ sound panels, one open end, 44 psf.

Options/Subcomponent Summary:
12CAF bottom horizontal fan, 24CAF down blast fan, 1HP(230/460V) Baldor belt drive motor, 30HP(230/460V) ABB VFD, Schneider enclosure, filter racks, cartridge/bag filters.

UUT Properties

Weight ¹ (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height ²	Front-Back	Side-Side	Vertical
5,140	170	98	66	9.5	13.3	12.8

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2019	ICC-ES AC156 (2018)	1.93	1.0	1.5	3.09	2.32	1.29	0.52
			0.0					

Test Mounting Details:



Rigid base mounted to 12" VMC P6000S curb using (10) 3/16" x 3" long welds. Curb rigid base mounted to table using (20) 1/2" Grade 8 bolts. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

¹ Listed weight does not include mounting fixture or curb (if applicable).
² Listed height includes cabinet and base rail only. Mounting fixture and curb height (if applicable) is not included.

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer: Daikin Applied	UUT 3
Model Line: Vision/Skyline Custom Air Handling Units	
Model Number: CAH102GVAM	
Serial Number: FB0U120801550	

Product Construction Summary:
Standard base, 12" galv. carbon steel base rail, 2" thick sandwich panel, 0.022" galv. carbon steel outer liner, 0.022" stainless steel inner liner w/ sound panels, two open ends, 61 psf.

Options/Subcomponent Summary:
40BAF top horizontal fan, 75HP(230/460V) Baldor belt drive motor, 75HP(200/460V) Danfoss VFD, Schneider enclosure.

UUT Properties

Weight ¹ (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height ²	Front-Back	Side-Side	Vertical
7,390	122	142	134	8.2	6.0	>33.3

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2019	ICC-ES AC156 (2018)	1.93	1.0	1.5	3.09	2.32	1.29	0.52
			0.0					

Test Mounting Details:



Rigid base mounted using (8) 5/8" Grade 8 bolts. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

¹ Listed weight does not include mounting fixture or curb (if applicable).

² Listed height includes cabinet and base rail only. Mounting fixture and curb height (if applicable) is not included.

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer: Daikin Applied	UUT 4
Model Line: Vision/Skyline Custom Air Handling Units	
Model Number: CAH102GVAM	
Serial Number: FB0U120801546	

Product Construction Summary:
Standard base, 8" galv. carbon steel base rail, 2" thick sandwich panel, 0.022" galv. carbon steel outer liner, 0.022" galv. carbon steel inner liner w/ sound panels, one open end, 112 psf.

Options/Subcomponent Summary:
20BAF up blast fan, 2HP(230/460V) Baldor belt drive motor.
Note: other subcomponents were tested in this unit but were not certified due to anomalies observed.

UUT Properties

Weight ¹ (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height ²	Front-Back	Side-Side	Vertical
15,020	136	142	130	4.3	4.5	>33.3

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2019	ICC-ES AC156 (2018)	1.93	1.0	1.5	3.09	2.32	1.29	0.52
			0.0					

Test Mounting Details:



Rigid base mounted using (8) 5/8" grade 8 bolts. CW, DX coils sustained damage but were retested successfully after design change. Other items within unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

¹ Listed weight does not include mounting fixture or curb (if applicable).
² Listed height includes cabinet and base rail only. Mounting fixture and curb height (if applicable) is not included.

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer: Daikin Applied	UUT 5
Model Line: Vision/Skyline Custom Air Handling Units	
Model Number: OAH102GVDM	
Serial Number: FB0U120801339	

Product Construction Summary:
Standard curb ready base, 8" galv. carbon steel base rail, 2" thick sandwich panel, 0.022"/0.046" galv. carbon steel outer liner, 0.022" stainless steel inner liner w/ sound panels, one open end, 71 psf.

Options/Subcomponent Summary:
60MQP fan, 75HP(230/460V) Baldor belt drive motor, Daikin control dampers, Daikin weather hoods.

UUT Properties

Weight ¹ (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height ²	Front-Back	Side-Side	Vertical
8,690	124	142	130	5.2	4.5	5.0

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2019	ICC-ES AC156 (2018)	1.93	1.0	1.5	3.09	2.32	1.29	0.52
			0.0					

Test Mounting Details:



Rigid base mounted to 36" VMC P6000S curb using (8) 3/16" x 3" long welds. Curb rigid base mounted to table using (24) 1/2" Grade 8 bolts. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

¹ Listed weight does not include mounting fixture or curb (if applicable).
² Listed height includes cabinet and base rail only. Mounting fixture and curb height (if applicable) is not included.

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer: Daikin Applied	UUT 7
Model Line: Vision/Skyline Custom Air Handling Units	
Model Number: CAC102GBAM Serial Number: N/A	

Product Construction Summary:
Standard base, 8" galv. carbon steel base rail, 2" thick sandwich panel, 0.046" galv. carbon steel outer liner, 0.022" galv. carbon steel inner liner w/ sound panels, one open end, 78 psf.

Options/Subcomponent Summary:
2 row triple stack CW/HW coil, 10 row double stack CW/HW coil, HEPA filters.

UUT Properties

Weight ¹ (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height ²	Front-Back	Side-Side	Vertical
8,654	112	142	130	3.4	4.0	3.9

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2019	ICC-ES AC156 (2018)	1.93	1.0	1.5	3.09	2.32	1.29	0.52
			0.0					

Test Mounting Details:



Rigid base mounted using (6) 5/8" Grade 8 bolts. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

¹ Listed weight does not include mounting fixture or curb (if applicable).
² Listed height includes cabinet and base rail only. Mounting fixture and curb height (if applicable) is not included.

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer: Daikin Applied	UUT 8
Model Line: Vision/Skyline Custom Air Handling Units	
Model Number: CAH102GBGM Serial Number: N/A	

Product Construction Summary:
Standard base, 8" galv. carbon steel base rail, 2" thick sandwich panel, 0.046" galv. carbon steel outer liner, 0.022" stainless steel inner liner w/ sound panels, one open end, 88 psf.

Options/Subcomponent Summary:
2 row triple stack steam coil, 10 row double stack DX coil, DDPL44 fan, 75HP(230/460V) TECO direct drive motor.

UUT Properties

Weight ¹ (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height ²	Front-Back	Side-Side	Vertical
10,888	126	142	130	4.8	3.9	4.3

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2019	ICC-ES AC156 (2018)	1.93	1.0	1.5	3.09	2.32	1.29	0.52
			0.0					

Test Mounting Details:



Rigid base mounted using (6) 5/8" Grade 8 bolts. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

¹ Listed weight does not include mounting fixture or curb (if applicable).

² Listed height includes cabinet and base rail only. Mounting fixture and curb height (if applicable) is not included.

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer: Daikin Applied	UUT 9a
Model Line: Vision/Skyline Custom Air Handling Units	
Model Number: CAH102GVAM Serial Number: N/A	

Product Construction Summary:
Standard base, 8" galv. carbon steel base rail, 2" thick sandwich panel, 0.046" galv. carbon steel outer liner, 0.022" galv. carbon steel inner liner w/ sound panels, one open end, 62 psf.

Options/Subcomponent Summary:
Cartridge/bag filters, sound attenuators.
Note: other subcomponents were tested in this unit but were not certified due to anomalies observed.

UUT Properties

Weight ¹ (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height ²	Front-Back	Side-Side	Vertical
8,914	146	142	130	4.6	3.6	4.9

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2019	ICC-ES AC156 (2018)	1.93	1.0 0.0	1.5	3.09	2.32	1.29	0.52

Test Mounting Details:



Rigid base mounted using (6) 5/8" Grade 8 bolts. 920 BAF upblast fan deck came loose due to improper installation. Other items within the unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

¹ Listed weight does not include mounting fixture or curb (if applicable).
² Listed height includes cabinet and base rail only. Mounting fixture and curb height (if applicable) is not included.

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer: Daikin Applied	UUT 9b
Model Line: Vision/Skyline Custom Air Handling Units	
Model Number: CAH102GVAM Serial Number: N/A	

Product Construction Summary:
Standard base, 8" galv. carbon steel base rail, 2" thick sandwich panel, 0.046" galv. carbon steel outer liner, 0.022" galv. carbon steel inner liner w/ sound panels, one open end, 46 psf.

Options/Subcomponent Summary:
20BAF up blast fan, 1HP(230/460V) Baldor belt drive motor.

UUT Properties

Weight ¹ (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height ²	Front-Back	Side-Side	Vertical
2,736	60	142	130	5.4	5.3	28.6

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2019	ICC-ES AC156 (2018)	1.93	1.0	1.5	3.09	2.32	1.29	0.52
			0.0					

Test Mounting Details:



Rigid base mounted using (4) 5/8" Grade 8 bolts. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

¹ Listed weight does not include mounting fixture or curb (if applicable).

² Listed height includes cabinet and base rail only. Mounting fixture and curb height (if applicable) is not included.

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer: Daikin Applied	UUT 10
Model Line: Vision/Skyline Custom Air Handling Units	
Model Number: OAH031GVAM Serial Number: N/A	

Product Construction Summary:
Unitized curb ready base, 8" galv. carbon steel base rail, 2" thick sandwich panel, 0.022"/0.046" galv. carbon steel outer liner, 0.022"/0.046" galv. carbon steel inner liner, one open end, 44 psf.

Options/Subcomponent Summary:
12CAF bottom horizontal fan, 1HP(230/460V) Baldor belt drive motor.

UUT Properties

Weight ¹ (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height ²	Front-Back	Side-Side	Vertical ³
4,965	166	98	68	7.6	6.9	8.1

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2019	ICC-ES AC156 (2018)	2.00	1.0 0.0	1.5	3.20	2.40	1.33	0.53

Test Mounting Details:



Rigid base mounted to 12" Thybar Thycurb using (6) attachment brackets with (7) 1/4" TEK screws each. Curb rigid base mounted to table using (28) 1/2" Grade 8 bolts at 16" o.c.. Fan (24CAF) and VFD anchorage sustained damage due to manufacturing defect. Components were successfully tested in UUT 2 with correct anchorage details. Other items within unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

¹ Listed weight does not include mounting fixture or curb (if applicable). Weight listed in test report includes curb.

² Listed height includes cabinet and base rail only. Mounting fixture and curb height (if applicable) is not included.

³ Test report recorded incorrect value for vertical natural frequency. Plot in test report shows correct value (page 38).

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer: Daikin Applied	UUT 11
Model Line: Vision/Skyline Custom Air Handling Units	
Model Number: OAH100GVAM Serial Number: N/A	

Product Construction Summary:
Unitized curb ready base, 8" galv. carbon steel base rail, 2" thick sandwich panel, 0.022" galv. carbon steel outer liner, 0.022" galv. carbon steel inner liner w/ sound panels, two open ends, 85 psf.

Options/Subcomponent Summary:
2 row triple stack steam coil, 8 row double stack CW/HW coil, 20CAF top horizontal fan, 2HP(230/460V) Baldor belt drive motor.

UUT Properties

Weight ¹ (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height ²	Front-Back	Side-Side	Vertical
11,185	136	140	130	2.3	1.2	5.4

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2019	ICC-ES AC156 (2018)	2.00	1.0	1.5	3.20	2.40	1.33	0.53
			0.0					

Test Mounting Details:



Rigid base mounted to 36" Thybar Thycurb using (12) attachment brackets with (7) 1/4" TEK screws each. Curb rigid base mounted to table using (62) 1/2" Grade 8 bolts at 8" o.c.. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

¹ Listed weight does not include mounting fixture or curb (if applicable). Weight listed in test report includes curb.
² Listed height includes cabinet and base rail only. Mounting fixture and curb height (if applicable) is not included.

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer: Daikin Applied	UUT 12
Model Line: Vision/Skyline Custom Air Handling Units	
Model Number: OAH100GVGM Serial Number: N/A	

Product Construction Summary:
Standard curb ready base, 8" galv. carbon steel base rail, 2" thick sandwich panel, 0.022"/0.046" galv. carbon steel outer liner, 0.022"/0.046" stainless steel inner liner, two open ends, 64 psf.

Options/Subcomponent Summary:
DDPL15 4x4 fan array, 1HP(200V,230/460V) Baldor direct drive motor, 1HP(200V) TECO direct drive motor, 4HP(460V) ABB VFD, Schneider enclosure, Ruskin backdraft dampers, Greenheck control dampers, Belimo actuators.

UUT Properties

Weight ¹ (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height ²	Front-Back	Side-Side	Vertical
7,725	122	142	130	3.1	5.5	2.9

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2019	ICC-ES AC156 (2018)	2.00	1.0 0.0	1.5	3.20	2.40	1.33	0.53

Test Mounting Details:



Rigid base mounted using (10) 1/8" x 3" long welds 5-7" from ends and 48-60" o.c.. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

¹ Listed weight does not include mounting fixture or curb (if applicable). Weight listed in test report includes curb.
² Listed height includes cabinet and base rail only. Mounting fixture and curb height (if applicable) is not included.

UNIT UNDER TEST (UUT) SUMMARY SHEET



1801262-CR-001-R1

Manufacturer: Daikin Applied	UUT 13
Model Line: Vision/Skyline Custom Air Handling Units	
Model Number: OAH100GVHM Serial Number: N/A	

Product Construction Summary:
Unitized curb ready base, 8" galv. carbon steel base rail, 2" thick sandwich panel, 0.022"/0.046" galv. carbon steel outer liner, 0.022" galv. carbon steel inner liner w/ sound panels, two open ends, 82 psf.

Options/Subcomponent Summary:
DDPL33 2x2 fan array, 50HP(230/460V) Baldor direct drive motor, 50HP(230/460V) TECO direct drive motor, 5HP(460V) ABB VFD, 75HP(200/460V) ABB VFD, Rittal enclosure, Ruskin backdraft dampers, Greenheck control dampers.

UUT Properties

Weight ¹ (lb)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height ²	Front-Back	Side-Side	Vertical
9,995	126	140	130	1.8	2.7	5.1

UUT Highest Passed Seismic Run Information

Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2019	ICC-ES AC156 (2018)	2.00	1.0	1.5	3.20	2.40	1.33	0.53
			0.0					

Test Mounting Details:

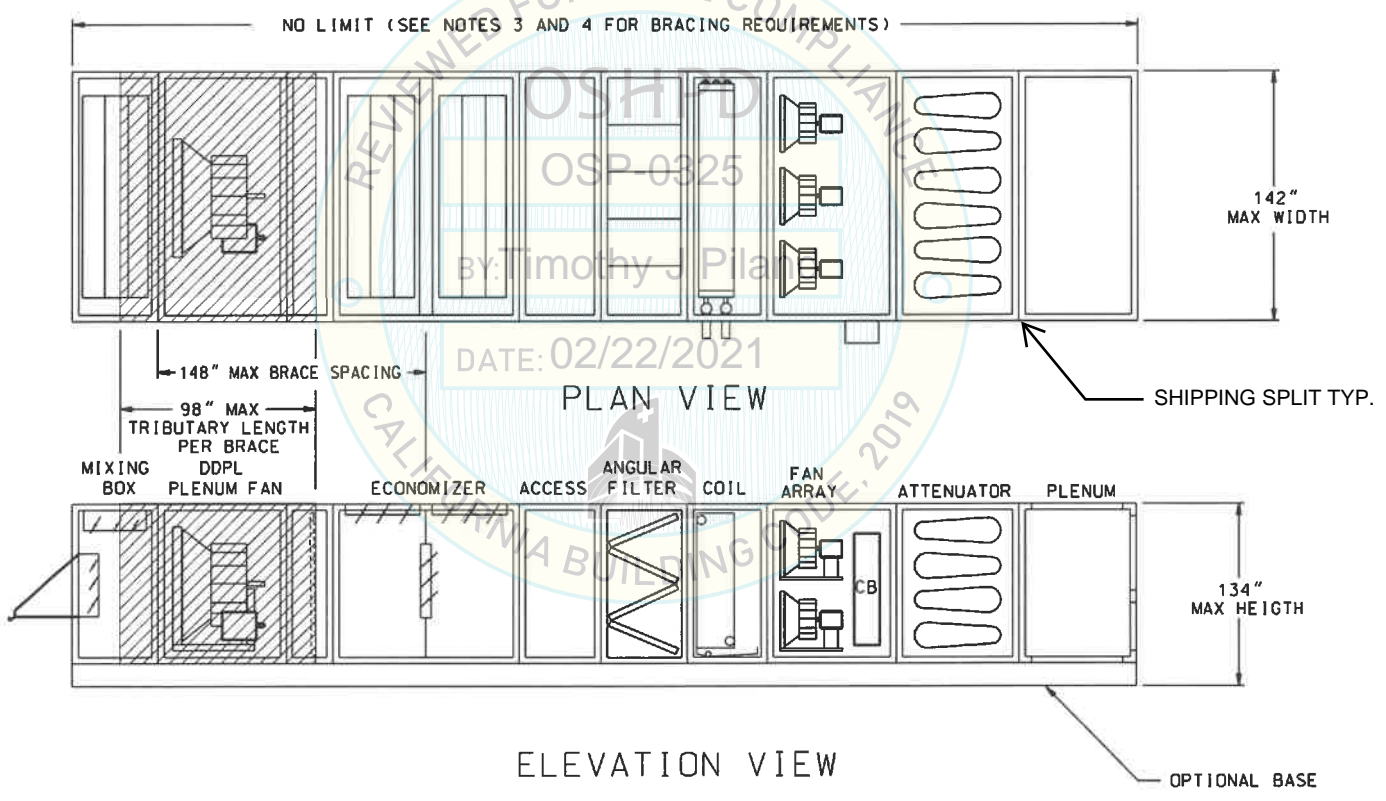


Rigid base mounted to 36" Thybar Thycurb using (10) attachment brackets with (7) 1/4" TEK screws each. Curb rigid base mounted to table using (58) 1/2" Grade 8 bolts at 8" o.c.. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

¹ Listed weight does not include mounting fixture or curb (if applicable). Weight listed in test report includes curb.
² Listed height includes cabinet and base rail only. Mounting fixture and curb height (if applicable) is not included.

PART NUMBER	REV.	PART DESCRIPTION	RAW MATERIAL DESCRIPTION	RAW MATERIAL PART NO.
0577115	32	0 UNIT ARRANGEMENT OSHPD		

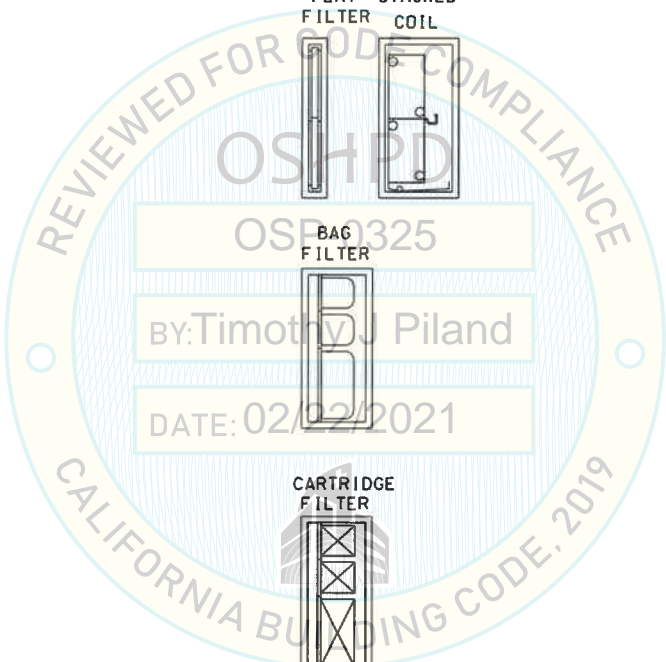
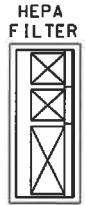
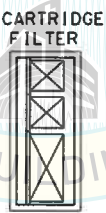
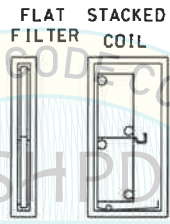
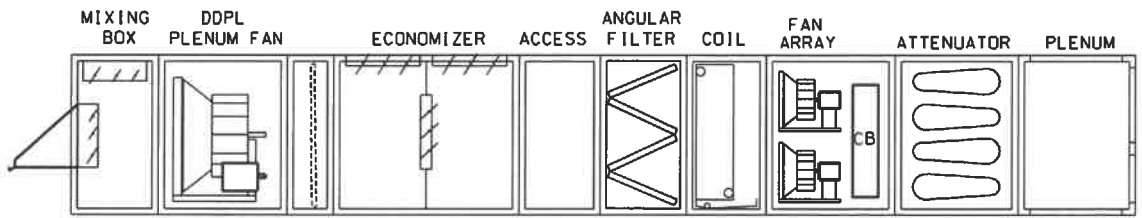
- NOTES:
- Certified cabinet construction and dimensions listed in table 1 of OSP.
 - Certified component details listed in tables 2-11 of OSP.
 - Maximum spacing between bracing elements: 148"
 - Maximum tributary length per bracing element: 98"
 - Bracing elements include:
 - Coils
 - Fans
 - Fan Arrays
 - Sound Attenuators
 - End walls
 - Internal wall perpendicular to airflow
 - Certified components can be reconfigured as needed. Spacing and tributary length requirements must be maintained for bracing elements.



APPR	APPR	APPR	CHK	DRN	DATE	ECO	INITIAL	DESIGN	APPR	APPR	APPR	CHK	DRN	DATE	ECO	REVISION	CHANGE	APPR	APPR	APPR	CHK	DRN	DATE	ECO	REVISION	CHANGE	
			MT	MT	05-06-19																						
DESIGN SOURCE							REVISION CHANGE HISTORY							REVISION CHANGE HISTORY													
INITIAL RELEASE							REVISION CHANGE HISTORY							REVISION CHANGE HISTORY													

TOLERANCE DATA	HOLES	UP TO .000	200
		OVER .000	200
	SHEET METAL	# .03	2"
OTHER (MUST SPECIFY)			
SCALE	NONE	DAIKIN	APPLIED
DRAWING NUMBER	0577115C	32	1 of 2
		SHEET	

PART NUMBER	REV.	PART DESCRIPTION	RAW MATERIAL DESCRIPTION	RAW MATERIAL PART NO.
0577115	32 0	CERTIFIED COMPONENTS		



APPR	APPR	APPR	CHK	DRN	DATE	ECO	INITIAL	DESIGN	REVISION CHANGE HISTORY	REV.	APPR	APPR	APPR	CHK	DRN	DATE	ECO	REVISION CHANGE HISTORY	REV.	
			MT	MT	05-06-19															
REVISION CHANGE HISTORY									REV.											

TOLERANCE DATA	HOLES		UP TO .500
	SHEET METAL	# .03	OVER .500
	OTHER (MUST SPECIFY)	# 2 *	
SCALE	NONE	DAIKIN	APPLIED
DRAWING NUMBER	0577115C	32	2 of 2
			SHEET