



DEPARTMENT OF HEALTH CARE ACCESS AND INFORMATION
FACILITIES DEVELOPMENT DIVISION

APPLICATION FOR HCAI SPECIAL SEISMIC
CERTIFICATION PREAPPROVAL (OSP)

OFFICE USE ONLY

APPLICATION #: OSP-0297

HCAI Special Seismic Certification Preapproval (OSP)

Type: [] New [X] Renewal

Manufacturer Information

Manufacturer: Daikin North America, LLC

Manufacturer's Technical Representative: Madhav Kashinath

Mailing Address: Daikin Texas Technology Park, 19001 Kerm, Waller, TX 77484

Telephone: (713) 861-2500

Email: Madhav.Kashinath@daikincomfort.com

Product Information

Product Name: Air Conditioning Units

Product Type: Air Conditioning Units - Split

Product Model Number: Varies, see attachment.

General Description: Indoor and outdoor heating and cooling units with steel enclosures.

Mounting Description: Rigid, See Certified Product Tables

Tested Seismic Enhancements: Seismic enhancements made to the test units and/or modifications required to address anomalies during the tests shall be incorporated into the production units.

Applicant Information

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

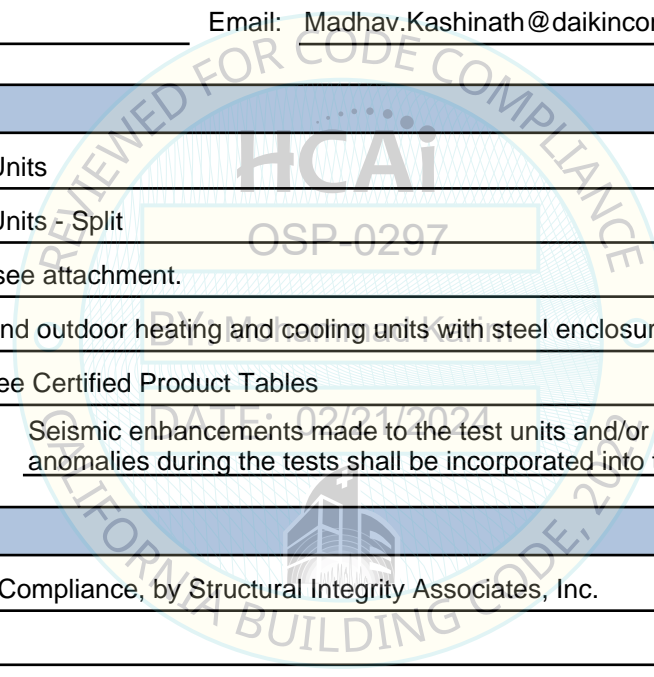
Contact Person: Daniel Zentner

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

Telephone: (541) 292-5839

Email: dzentner@structint.com

Title: Program Manager





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

Company Name: STRUCTURAL INTEGRITY ASSOCIATES, INC.
Name: LACHEZAR HANDZHIYSKI California License Number: S6515
Mailing Address: 5215 Hellyer Avenue, Suite 210, San Jose, CA 95138
Telephone: (669) 437-0200 Email: Lhandzhiyski@StructInt.com

Certification Method

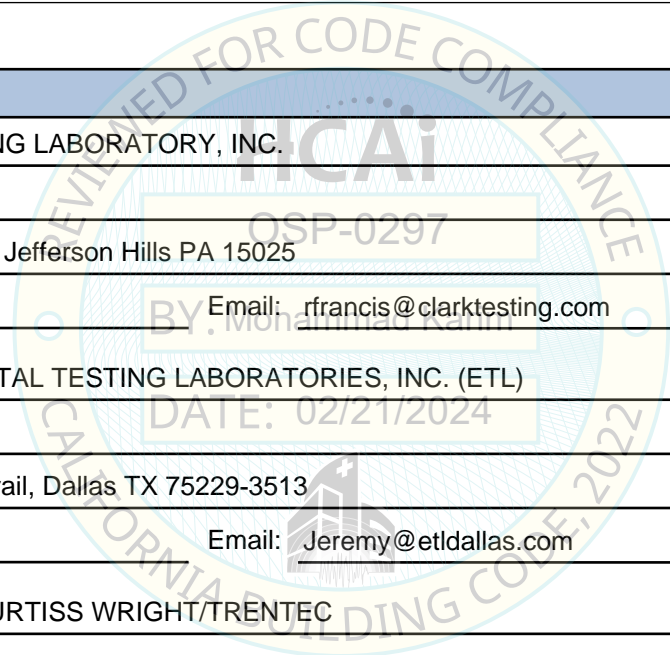
GR-63-Core ICC-ES AC156 IEEE 344 IEEE 693 NEBS 3
 Other (Please Specify): _____

Testing Laboratory

Company Name: CLARK TESTING LABORATORY, INC.
Contact Person: Robert Francis
Mailing Address: 1801 Route 51, Jefferson Hills PA 15025
Telephone: (412) 387-1001 Email: rfrancis@clarktesting.com

Company Name: ENVIRONMENTAL TESTING LABORATORIES, INC. (ETL)
Contact Person: Jeremy Lange
Mailing Address: 11034 Indian Trail, Dallas TX 75229-3513
Telephone: (972) 247-9657 Email: Jeremy@etldallas.com

Company Name: QUALTECH/CURTISS WRIGHT/TRENTEC
Contact Person: Jerry Newberry
Mailing Address: 4600 East Tech Drive, Cincinnati OH 45245
Telephone: (513) 528-7900 Email: jnewberry@curtisswright.com





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Seismic Parameters

Design Basis of Equipment or Components (F_p/W_p) = 1.50 (SDS = 2.00, z/h = 1); 1.13 (SDS = 2.50, z/h = 0)

SDS (Design spectral response acceleration at short period, g) = 2.00 (z/h = 1); 2.50 (z/h = 0)

a_p (Amplification factor) = 2.5

R_p (Response modification factor) = 6.0

Ω_0 (System overstrength factor) = 2.0

I_p (Importance factor) = 1.5

z/h (Height ratio factor) = 1 and 0

Natural frequencies (Hz) = See Attachment

Overall dimensions and weight = See Attachment

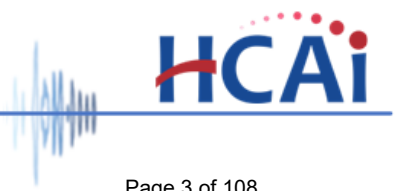
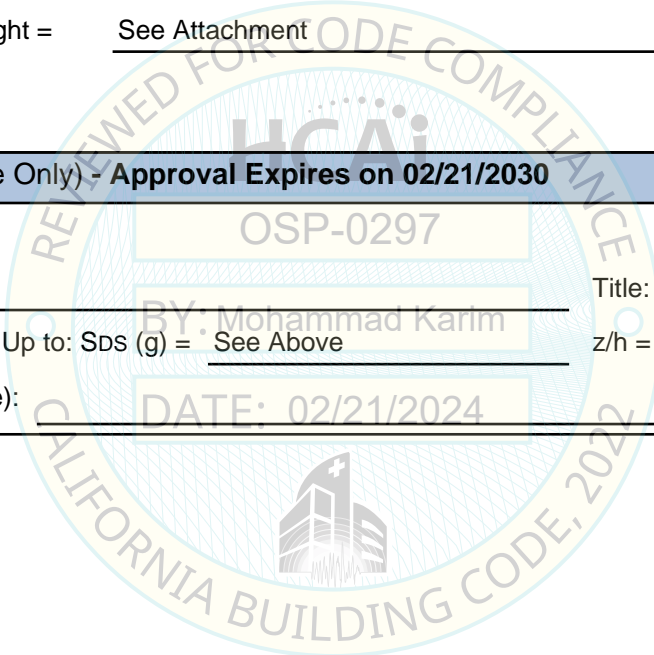
HCAI Approval (For Office Use Only) - Approval Expires on 02/21/2030

Date: 2/21/2024

Name: Timothy Piland Title: Senior Structural Engineer

Special Seismic Certification Valid Up to: SDS (g) = See Above z/h = See Above

Condition of Approval (if applicable): DATE: 02/21/2024



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	TABLE 1
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Certified Product Construction Summary:
Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.

Certified Options Summary:
N/A

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

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0 g$ $z/h = 1.0$ $I_p = 1.5$
 $S_{DS} = 2.5 g$ $z/h = 0.0$

Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Outdoor Heat Pump (Split System, Quaternity, SkyAir) 9,000 to 36,000 BTU/hr; Qualified design categories: L	RXS09_VJU ¹	11.3	30.1	21.6	75		1
	RXG09_VJU ¹	11.2	31.3	22.4	99		Interp.
	RXS12_VJU ¹	11.3	30.1	21.6	75		Interp.
	RXG12_VJU ¹	11.2	31.3	22.4	99		Interp.
	RXS15_VJU ¹	11.8	32.5	28.9	104		Interp.
	RXG15_VJU ¹	11.2	31.3	22.4	99		Interp.
	RXS18_VJU ¹	11.8	32.5	28.9	104		Interp.
	RXS24_VJU ¹	12.6	35.4	30.3	159		2
	RKS30_VJU ^{1,2}	12.6	37.0	38.9	179		Interp.
	RXS30_VJU ^{1,2}	12.6	37.0	38.9	179		Interp.
	RKS36_VJU ^{1,2}	12.6	37.0	38.9	179		Interp.
	RXS36_VJU ^{1,2}	12.6	37.0	38.9	179		3

1. Requires seismic enhancements: (4) ties from grille to unit frame, ties made of stainless steel 15" length by 3/16" width.
2. Requires mounting w/ (4) 1/16"x1-1/2" angled aluminum straps approximately 30° relative to vertical surface of the unit with (2) #10 SMS to top of unit & 1/4"Ø bolt to floor

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2


Manufacturer: Daikin North America, LLC	TABLE 1
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Certified Product Construction Summary:
Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.

Certified Options Summary:
N/A

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

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0g$ $z/h = 1.0$ $I_P = 1.5$
 $S_{DS} = 2.5g$ $z/h = 0.0$

Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT	
		Depth	Width	Height				
Outdoor Heat Pump (VRV) 72,000 to 408,000 BTU/hr (cooling capacity); Qualified design categories: T, TA, XA, XB ³	RXYQ72_TJ_	30.2	36.7	66.7	435		27	
	RXYQ72_YD_	30.2	36.7	66.7	451		Interp.	
	RXYQ72_YC_	30.2	36.7	66.7	451		Interp.	
	RXYQ96_TJ_ ⁴	30.2	48.9	66.7	525		Interp.	
	RXYQ96_YD_ ⁴	30.2	48.9	66.7	553		Interp.	
	RXYQ96_YC_ ⁴	30.2	48.9	66.7	553		Interp.	
	RXYQ120_TJ_ ⁴	30.2	48.9	66.7	528		Interp.	
	RXYQ120_YD_ ⁴	30.2	48.9	66.7	556		Interp.	
	RXYQ120_YC_ ⁴	30.2	48.9	66.7	556		Interp.	
	RXYQ144_TJ_ ⁴	30.2	48.9	66.7	695		Interp.	
	RXYQ144_YD_ ⁴	30.2	48.9	66.7	709		Interp.	
	RXYQ144_YC_ ⁴	30.2	48.9	66.7	709		Interp.	
	RXYQ168_TJ_ ⁴	30.2	48.9	66.7	695		Interp.	
	RXYQ168_YD_ ⁴	30.2	48.9	66.7	709		UUT: RXYQ168TYDN	28
	RXYQ168_YC_ ⁴	30.2	48.9	66.7	709		Interp.	
	RXYQ192_TJ_ ⁴	30.2	85.6	66.7	963		RXYQ72 + RXYQ120	Interp.
	RXYQ192_YD_ ⁴	30.2	85.6	66.7	1,007		RXYQ72 + RXYQ120	Interp.
	RXYQ192_YC_ ⁴	30.2	85.6	66.7	1,007		RXYQ72 + RXYQ120	Interp.
	RXYQ216_TJ_ ⁴	30.2	97.8	66.7	1,053		RXYQ96 + RXYQ120	Interp.
	RXYQ216_YD_ ⁴	30.2	97.8	66.7	1,109	RXYQ96 + RXYQ120	Interp.	
RXYQ216_YC_ ⁴	30.2	97.8	66.7	1,109	RXYQ96 + RXYQ120	Interp.		
RXYQ240_TJ_ ⁴	30.2	97.8	66.7	1,056	2 x RXYQ120	Interp.		

3. Qualified for design category X, T, TA, XA and XB. Only software is different for XB in comparison to XA.
4. Requires seismic enhancements: (3) #10 self tapping screws in each foot (12 total)

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX




2100103-CR-001-R2

Manufacturer: Daikin North America, LLC						TABLE 1	
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV							
Certified Product Construction Summary: Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.							
Certified Options Summary: N/A							
Mounting Configuration: Base mounted - rigid Note: Installed mounting must be of similar configuration and equivalent strength and stiffness to those tested.							
Building Code: CBC 2022						Seismic Certification Limits: $S_{DS} = 2.0 g$ $z/h = 1.0$ $I_p = 1.5$ $S_{DS} = 2.5 g$ $z/h = 0.0$	
Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Outdoor Heat Pump (VRV) 72,000 to 408,000 BTU/hr (cooling capacity); Qualified design categories: T, TA, XA, XB ³	RXYQ240_YD ⁴	30.2	97.8	66.7	1,112	2 x RXYQ120	Interp.
	RXYQ240_YC ⁴	30.2	97.8	66.7	1,112	2 x RXYQ120	Interp.
	RXYQ264_TJ ⁴	30.2	97.8	66.7	1,223	RXYQ120 + RXYQ144	Interp.
	RXYQ264_YD ⁴	30.2	97.8	66.7	1,265	RXYQ120 + RXYQ144	Interp.
	RXYQ264_YC ⁴	30.2	97.8	66.7	1,265	RXYQ120 + RXYQ144	Interp.
	RXYQ288_TJ ⁴	30.2	97.8	66.7	1,390	2 x RXYQ144	Interp.
	RXYQ288_YD ⁴	30.2	97.8	66.7	1,418	2 x RXYQ144	Interp.
	RXYQ288_YC ⁴	30.2	97.8	66.7	1,418	2 x RXYQ144	Interp.
	RXYQ312_TJ ⁴	30.2	97.8	66.7	1,390	RXYQ144 + RXYQ168	Interp.
	RXYQ312_YD ⁴	30.2	97.8	66.7	1,418	RXYQ144 + RXYQ168	Interp.
	RXYQ312_YC ⁴	30.2	97.8	66.7	1,418	RXYQ144 + RXYQ168	Interp.
	RXYQ336_TJ ⁴	30.2	97.8	66.7	1,390	2 x RXYQ168	Interp.
	RXYQ336_YD ⁴	30.2	97.8	66.7	1,418	2 x RXYQ168	Interp.
	RXYQ336_YC ⁴	30.2	97.8	66.7	1,418	2 x RXYQ168	Interp.
	RXYQ360_TJ ⁴	30.2	146.6	66.7	1,584	3 x RXYQ120	Interp.
	RXYQ360_YD ⁴	30.2	146.6	66.7	1,668	3 x RXYQ120	Interp.
	RXYQ360_YC ⁴	30.2	146.6	66.7	1,668	3 x RXYQ120	Interp.
	RXYQ384_TJ ⁴	30.2	146.6	66.7	1,748	RXYQ96 + RXYQ120 + RXYQ168	Interp.
	RXYQ384_YD ⁴	30.2	146.6	66.7	1,818	RXYQ96 + RXYQ120 + RXYQ168	Interp.
	RXYQ384_YC ⁴	30.2	146.6	66.7	1,818	RXYQ96 + RXYQ120 + RXYQ168	Interp.
RXYQ408_TJ ⁴	30.2	146.6	66.7	1,915	RXYQ96 + RXYQ144 + RXYQ168	Interp.	
RXYQ408_YD ⁴	30.2	146.6	66.7	1,971	RXYQ96 + RXYQ144 + RXYQ168	Interp.	
3. Qualified for design category X, T, TA, XA and XB. Only software is different for XB in comparison to XA. 4. Requires seismic enhancements: (3) #10 self tapping screws in each foot (12 total)							

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



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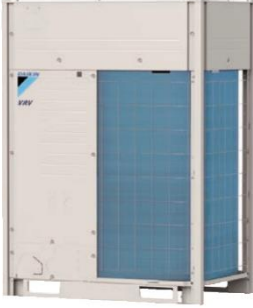
Manufacturer: Daikin North America, LLC						TABLE 1	
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV							
Certified Product Construction Summary: Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.							
Certified Options Summary: N/A							
Mounting Configuration: Base mounted - rigid Note: Installed mounting must be of similar configuration and equivalent strength and stiffness to those tested.							
Building Code: CBC 2022		Seismic Certification Limits:			$S_{DS} = 2.0g$ $z/h=1.0$	$I_p = 1.5$	
					$S_{DS} = 2.5g$ $z/h=0.0$		
Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Outdoor Heat Recovery Units (VRV IV) 72,000 to 456,000 BTU/hr (cooling capacity); Qualified design categories: T	REYQ72_ATJ_	30.2	36.7	66.7	507		29
	REYQ72_AYD_	30.2	36.7	66.7	527		Interp.
	REYQ96_ATJ_ ⁴	30.2	48.9	66.7	703		Interp.
	REYQ96_AYD_ ⁴	30.2	48.9	66.7	717		Interp.
	REYQ120_ATJ_ ⁴	30.2	48.9	66.7	703		Interp.
	REYQ120_AYD_ ⁴	30.2	48.9	66.7	717		Interp.
	REYQ144_ATJ_ ⁴	30.2	48.9	66.7	780		Interp.
	REYQ144_AYD_ ⁴	30.2	48.9	66.7	794		Interp.
	REYQ168_ATJ_ ⁴	30.2	48.9	66.7	780		Interp.
	REYQ168_AYD_ ⁴	30.2	48.9	66.7	794		30
	REYQ192_ATJ_ ⁴	30.2	85.6	66.7	1,210	REYQ72 + REYQ120	Interp.
	REYQ192_AYD_ ⁴	30.2	85.6	66.7	1,244	REYQ72 + REYQ120	Interp.
	REYQ216_ATJ_ ⁴	30.2	97.8	66.7	1,406	REYQ96 + REYQ120	Interp.
	REYQ216_AYD_ ⁴	30.2	97.8	66.7	1,434	REYQ96 + REYQ120	Interp.
	REYQ240_ATJ_ ⁴	30.2	97.8	66.7	1,483	REYQ96 + REYQ144	Interp.
	REYQ240_AYD_ ⁴	30.2	97.8	66.7	1,511	REYQ96 + REYQ144	Interp.
	REYQ264_ATJ_ ⁴	30.2	97.8	66.7	1,483	REYQ120 + REYQ144	Interp.
	REYQ264_AYD_ ⁴	30.2	97.8	66.7	1,511	REYQ120 + REYQ144	Interp.
	REYQ288_ATJ_ ⁴	30.2	97.8	66.7	1,560	2 x REYQ144	Interp.
	REYQ288_AYD_ ⁴	30.2	97.8	66.7	1,588	2 x REYQ144	Interp.
REYQ312_ATJ_ ⁴	30.2	97.8	66.7	1,560	REYQ144 + REYQ168	Interp.	
REYQ312_AYD_ ⁴	30.2	97.8	66.7	1,588	REYQ144 + REYQ168	Interp.	
REYQ336_ATJ_ ⁴	30.2	97.8	66.7	1,560	2 x REYQ168	Interp.	

4. Requires seismic enhancements: (3) #10 self tapping screws in each foot (12 total)

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



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Manufacturer: Daikin North America, LLC						TABLE 1	
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV							
Certified Product Construction Summary: Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.							
Certified Options Summary: N/A							
Mounting Configuration: Base mounted - rigid Note: Installed mounting must be of similar configuration and equivalent strength and stiffness to those tested.							
Building Code: CBC 2022		Seismic Certification Limits:			$S_{DS} = 2.0 g$ $z/h = 1.0$ $S_{DS} = 2.5 g$ $z/h = 0.0$		$I_p = 1.5$
Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Outdoor Heat Recovery Units (VRV IV) 72,000 to 456,000 BTU/hr (cooling capacity); Qualified design categories: T	REYQ336_AYD ⁴	30.2	97.8	66.7	1,588	2 x REYQ168	Interp.
	REYQ360_ATJ ⁴	30.2	146.6	66.7	2,109	3 x REYQ120	Interp.
	REYQ360_AYD ⁴	30.2	146.6	66.7	2,151	3 x REYQ120	Interp.
	REYQ384_ATJ ⁴	30.2	146.6	66.7	2,186	REYQ96 + REYQ120 + REYQ168	Interp.
	REYQ384_AYD ⁴	30.2	146.6	66.7	2,228	REYQ96 + REYQ120 + REYQ168	Interp.
	REYQ408_ATJ ⁴	30.2	146.6	66.7	2,263	REYQ96 + REYQ144 + REYQ168	Interp.
	REYQ408_AYD ⁴	30.2	146.6	66.7	2,305	REYQ96 + REYQ144 + REYQ168	Interp.
	REYQ432_ATJ ⁴	30.2	146.6	66.7	2,340	3 x REYQ144	Interp.
	REYQ432_AYD ⁴	30.2	146.6	66.7	2,382	3 x REYQ144	Interp.
	REYQ456_ATJ ⁴	30.2	146.6	66.7	2,340	2 x REYQ144 + REYQ168	Interp.
	REYQ456_AYD ⁴	30.2	146.6	66.7	2,382	2 x REYQ144 + REYQ168	Interp.
Outdoor Heat Recovery Units (VRV) 72,000 to 513,000 BTU/hr (cooling capacity); Qualified design categories: X	REYQ72_ATJ ⁴	30.2	48.9	66.7	714		50
	REYQ72_BTJ ⁴	30.2	48.9	66.7	714		Interp.
	REYQ72_AYD ⁴	30.2	48.9	66.7	727		Interp.
	REYQ72_BYD ⁴	30.2	48.9	66.7	727		Interp.
	REYQ72_AYC ⁴	30.2	48.9	66.7	727		Interp.
	REYQ96_ATJ ⁴	30.2	48.9	66.7	727		Interp.
	REYQ96_BTJ ⁴	30.2	48.9	66.7	727		Interp.
	REYQ96_AYD ⁴	30.2	48.9	66.7	727		Interp.
	REYQ96_BYD ⁴	30.2	48.9	66.7	727		Interp.
	REYQ96_AYC ⁴	30.2	48.9	66.7	727		Interp.
	REYQ120_ATJ ⁴	30.2	48.9	66.7	727		Interp.
	REYQ120_BTJ ⁴	30.2	48.9	66.7	727		Interp.

4. Requires seismic enhancements: (3) #10 self tapping screws in each foot (12 total)

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



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Manufacturer: Daikin North America, LLC						TABLE 1	
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV							
Certified Product Construction Summary: Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.							
Certified Options Summary: N/A							
Mounting Configuration: Base mounted - rigid Note: Installed mounting must be of similar configuration and equivalent strength and stiffness to those tested.							
Building Code: CBC 2022		Seismic Certification Limits:			$S_{DS} = 2.0\text{ g}$ $z/h=1.0$	$I_p = 1.5$	
					$S_{DS} = 2.5\text{ g}$ $z/h=0.0$		
Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Outdoor Heat Recovery Units (VRV) 72,000 to 513,000 BTU/hr (cooling capacity); Qualified design categories: X	REYQ120_AYD ⁴	30.2	48.9	66.7	727		Interp.
	REYQ120_BYD ⁴	30.2	48.9	66.7	727		Interp.
	REYQ120_AYC ⁴	30.2	48.9	66.7	727		Interp.
	REYQ144_ATJ ⁴	30.2	48.9	66.7	785		Interp.
	REYQ144_BTJ ⁴	30.2	48.9	66.7	785		Interp.
	REYQ144_AYD ⁴	30.2	48.9	66.7	785		Interp.
	REYQ144_BYD ⁴	30.2	48.9	66.7	785		Interp.
	REYQ144_AYC ⁴	30.2	48.9	66.7	785		Interp.
	REYQ168_ATJ ⁴	30.2	48.9	66.7	785		Interp.
	REYQ168_BTJ ⁴	30.2	48.9	66.7	785		Interp.
	REYQ168_AYD ⁴	30.2	48.9	66.7	785		51
	REYQ168_BYD ⁴	30.2	48.9	66.7	785		Interp.
	REYQ168_AYC ⁴	30.2	48.9	66.7	785		Interp.
	REYQ192_ATJ ⁴	30.2	97.8	66.7	1,454	2 x REYQ96	Interp.
	REYQ192_BTJ ⁴	30.2	97.8	66.7	1,454	2 x REYQ96	Interp.
	REYQ192_AYD ⁴	30.2	97.8	66.7	1,454	2 x REYQ96	Interp.
	REYQ192_BYD ⁴	30.2	97.8	66.7	1,454	2 x REYQ96	Interp.
	REYQ192_AYC ⁴	30.2	97.8	66.7	1,454	2 x REYQ96	Interp.
	REYQ216_ATJ ⁴	30.2	97.8	66.7	1,454	REYQ96 + REYQ120	Interp.
	REYQ216_BTJ ⁴	30.2	97.8	66.7	1,454	REYQ96 + REYQ120	Interp.
REYQ216_AYD ⁴	30.2	97.8	66.7	1,454	REYQ96 + REYQ120	Interp.	
REYQ216_BYD ⁴	30.2	97.8	66.7	1,454	REYQ96 + REYQ120	Interp.	
REYQ216_AYC ⁴	30.2	97.8	66.7	1,454	REYQ96 + REYQ120	Interp.	

4. Requires seismic enhancements: (3) #10 self tapping screws in each foot (12 total)

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC						TABLE 1		
Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV								
Certified Product Construction Summary: Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.								
Certified Options Summary: N/A								
Mounting Configuration: Base mounted - rigid Note: Installed mounting must be of similar configuration and equivalent strength and stiffness to those tested.								
Building Code: CBC 2022						Seismic Certification Limits: $S_{DS} = 2.0 g$ $z/h = 1.0$ $I_p = 1.5$ $S_{DS} = 2.5 g$ $z/h = 0.0$		
Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT	
		Depth	Width	Height				
Outdoor Heat Recovery (VRV) 72,000 to 513,000 BTU/hr (cooling capacity); Qualified design categories: X	REYQ240_ATJ ⁴	30.2	97.8	66.7	1,454	2 x REYQ120	Interp.	
	REYQ240_BTJ ⁴	30.2	97.8	66.7	1,454	2 x REYQ120	Interp.	
	REYQ240_AYD ⁴	30.2	97.8	66.7	1,454	2 x REYQ120	Interp.	
	REYQ240_BYD ⁴	30.2	97.8	66.7	1,454	2 x REYQ120	Interp.	
	REYQ240_AYC ⁴	30.2	97.8	66.7	1,454	2 x REYQ120	Interp.	
	REYQ264_ATJ ⁴	30.2	97.8	66.7	1,512	REYQ120 + REYQ144	Interp.	
	REYQ264_BTJ ⁴	30.2	97.8	66.7	1,512	REYQ120 + REYQ144	Interp.	
	REYQ264_AYD ⁴	30.2	97.8	66.7	1,512	REYQ120 + REYQ144	Interp.	
	REYQ264_BYD ⁴	30.2	97.8	66.7	1,512	REYQ120 + REYQ144	Interp.	
	REYQ264_AYC ⁴	30.2	97.8	66.7	1,512	REYQ120 + REYQ144	Interp.	
	REYQ288_ATJ ⁴	30.2	97.8	66.7	1,570	2 x REYQ144	Interp.	
	REYQ288_BTJ ⁴	30.2	97.8	66.7	1,570	2 x REYQ144	Interp.	
	REYQ288_AYD ⁴	30.2	97.8	66.7	1,570	2 x REYQ144	Interp.	
	REYQ288_BYD ⁴	30.2	97.8	66.7	1,570	2 x REYQ144	Interp.	
	REYQ288_AYC ⁴	30.2	97.8	66.7	1,570	2 x REYQ144	Interp.	
	REYQ312_ATJ ⁴	30.2	97.8	66.7	1,570	REYQ144 + REYQ168	Interp.	
	REYQ312_BTJ ⁴	30.2	97.8	66.7	1,570	REYQ144 + REYQ168	Interp.	
	REYQ312_AYD ⁴	30.2	97.8	66.7	1,570	REYQ144 + REYQ168	Interp.	
	REYQ312_BYD ⁴	30.2	97.8	66.7	1,570	REYQ144 + REYQ168	Interp.	
	REYQ312_AYC ⁴	30.2	97.8	66.7	1,570	REYQ144 + REYQ168	Interp.	
REYQ336_ATJ ⁴	30.2	97.8	66.7	1,570	2 x REYQ168	Interp.		
REYQ336_BTJ ⁴	30.2	97.8	66.7	1,570	2 x REYQ168	Interp.		
REYQ336_AYD ⁴	30.2	97.8	66.7	1,570	2 x REYQ168	Interp.		

4. Requires seismic enhancements: (3) #10 self tapping screws in each foot (12 total)

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX




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Manufacturer: Daikin North America, LLC						TABLE 1	
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV							
Certified Product Construction Summary: Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.							
Certified Options Summary: N/A							
Mounting Configuration: Base mounted - rigid Note: Installed mounting must be of similar configuration and equivalent strength and stiffness to those tested.							
Building Code: CBC 2022		Seismic Certification Limits:			$S_{DS} = 2.0g$ $z/h = 1.0$		$I_p = 1.5$
					$S_{DS} = 2.5g$ $z/h = 0.0$		
Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Outdoor Heat Recovery (VRV) 72,000 to 513,000 BTU/hr (cooling capacity); Qualified design categories: X	REYQ336_BYD ⁴	30.2	97.8	66.7	1,570	2 x REYQ168	Interp.
	REYQ336_AYC ⁴	30.2	97.8	66.7	1,570	2 x REYQ168	Interp.
	REYQ408_ATJ ⁴	30.2	146.6	66.7	2,297	REYQ120 + 2 x REYQ144	Interp.
	REYQ408_BTJ ⁴	30.2	146.6	66.7	2,297	REYQ120 + 2 x REYQ144	Interp.
	REYQ408_AYD ⁴	30.2	146.6	66.7	2,297	REYQ120 + 2 x REYQ144	Interp.
	REYQ408_BYD ⁴	30.2	146.6	66.7	2,297	REYQ120 + 2 x REYQ144	Interp.
	REYQ408_AYC ⁴	30.2	146.6	66.7	2,297	REYQ120 + 2 x REYQ144	Interp.
	REYQ432_ATJ ⁴	30.2	146.6	66.7	2,355	3 x REYQ144	Interp.
	REYQ432_BTJ ⁴	30.2	146.6	66.7	2,355	3 x REYQ144	Interp.
	REYQ432_AYD ⁴	30.2	146.6	66.7	2,355	3 x REYQ144	Interp.
	REYQ432_BYD ⁴	30.2	146.6	66.7	2,355	3 x REYQ144	Interp.
	REYQ432_AYC ⁴	30.2	146.6	66.7	2,355	3 x REYQ144	Interp.
	REYQ456_ATJ ⁴	30.2	146.6	66.7	2,355	2 x REYQ144 + REYQ168	Interp.
	REYQ456_BTJ ⁴	30.2	146.6	66.7	2,355	2 x REYQ144 + REYQ168	Interp.
	REYQ456_AYD ⁴	30.2	146.6	66.7	2,355	2 x REYQ144 + REYQ168	Interp.
REYQ456_BYD ⁴	30.2	146.6	66.7	2,355	2 x REYQ144 + REYQ168	Interp.	
4. Requires seismic enhancements: (3) #10 self tapping screws in each foot (12 total)							

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC						TABLE 1		
Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV								
Certified Product Construction Summary: Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.								
Certified Options Summary: N/A								
Mounting Configuration: Base mounted - rigid Note: Installed mounting must be of similar configuration and equivalent strength and stiffness to those tested.								
Building Code: CBC 2022						Seismic Certification Limits: $S_{DS} = 2.0g$ $z/h = 1.0$ $I_P = 1.5$ $S_{DS} = 2.5g$ $z/h = 0.0$		
Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT	
		Depth	Width	Height				
Outdoor Heat Recovery (VRV) 69,000 to 456,000 BTU/hr (cooling capacity); Qualified design categories: A	REYQ72AATJ_	30.5	36.6	65.4	554		53	
	REYQ72AAYD_	30.5	36.6	65.4	554		Interp.	
	REYQ96AATJ_ ⁵	30.5	48.8	65.4	710		Interp.	
	REYQ96AAYD_ ⁵	30.5	48.8	65.4	726		Interp.	
	REYQ120AATJ_ ⁵	30.5	48.8	65.4	713		Interp.	
	REYQ120AAYD_ ⁵	30.5	48.8	65.4	728		Interp.	
	REYQ144AATJ_ ⁵	30.5	48.8	65.4	785		Interp.	
	REYQ144AAYD_ ⁵	30.5	48.8	65.4	801		Interp.	
	REYQ168AATJ_ ⁵	30.5	48.8	65.4	788		Interp.	
	REYQ168AAYD_ ⁵	30.5	48.8	65.4	803		Interp.	
	REYQ192AATJ_ ⁵	30.5	68.8	65.4	957		Interp.	
	REYQ192AAYD_ ⁵	30.5	68.8	65.4	973		Interp.	
	REYQ216AATJ_ ⁵	30.5	68.8	65.4	957		Interp.	
	REYQ216AAYD_ ⁵	30.5	68.8	65.4	973		Interp.	
	REYQ240AATJ_ ⁵	30.5	68.8	65.4	1,002		Interp.	
	REYQ240AAYD_ ⁵	30.5	68.8	65.4	1,002		52	
	REYQ264AATJ_ ⁵	30.5	97.6	65.4	1,498		REYQ120 + REYQ144	Interp.
	REYQ264AAYD_ ⁵	30.5	97.6	65.4	1,529		REYQ120 + REYQ144	Interp.
	REYQ288AATJ_ ⁵	30.5	97.6	65.4	1,570		2 x REYQ144	Interp.
	REYQ288AAYD_ ⁵	30.5	97.6	65.4	1,602		2 x REYQ144	Interp.
REYQ312AATJ_ ⁵	30.5	97.6	65.4	1,573	REYQ144 + REYQ168	Interp.		
REYQ312AAYD_ ⁵	30.5	97.6	65.4	1,604	REYQ144 + REYQ168	Interp.		
5. Requires seismic enhancements: Six (6) 1/2" mounting bolts per base unit rather than standard four (4) 1/2" mounting bolts. See UUT 52 for details.								

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



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Manufacturer: Daikin North America, LLC						TABLE 1	
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV							
Certified Product Construction Summary: Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.							
Certified Options Summary: N/A							
Mounting Configuration: Base mounted - rigid Note: Installed mounting must be of similar configuration and equivalent strength and stiffness to those tested.							
Building Code: CBC 2022						Seismic Certification Limits: $S_{DS} = 2.0 g$ $z/h = 1.0$ $I_p = 1.5$ $S_{DS} = 2.5 g$ $z/h = 0.0$	
Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Outdoor Heat Recovery (VRV) 69,000 to 456,000 BTU/hr (cooling capacity); Qualified design categories: A	REYQ336AATJ ⁵	30.5	97.6	65.4	1,576	2 x REYQ168	Interp.
	REYQ336AAYD ⁵	30.5	97.6	65.4	1,606	2 x REYQ168	Interp.
	REYQ360AATJ ⁵	30.5	117.6	65.4	1,745	REYQ168 + REYQ192	Interp.
	REYQ360AAYD ⁵	30.5	117.6	65.4	1,776	REYQ168 + REYQ192	Interp.
	REYQ384AATJ ⁵	30.5	137.6	65.4	1,914	2 x REYQ192	Interp.
	REYQ384AAYD ⁵	30.5	137.6	65.4	1,946	2 x REYQ192	Interp.
	REYQ408AATJ ⁵	30.5	137.6	65.4	1,914	REYQ192 + REYQ216	Interp.
	REYQ408AAYD ⁵	30.5	137.6	65.4	1,946	REYQ192 + REYQ216	Interp.
	REYQ432AATJ ⁵	30.5	137.6	65.4	1,914	2 x REYQ216	Interp.
	REYQ432AAYD ⁵	30.5	137.6	65.4	1,946	2 x REYQ216	Interp.
	REYQ456AATJ ⁵	30.5	137.6	65.4	1,959	REYQ216 + REYQ240	Interp.
	REYQ456AAYD ⁵	30.5	137.6	65.4	1,975	REYQ216 + REYQ240	Interp.
	REYQ480AATJ ⁵	30.5	137.6	65.4	2,004	2 x REYQ240	Interp.
	REYQ480AAYD ⁵	30.5	137.6	65.4	2,004	2 x REYQ240	Interp.
<p>5. Requires seismic enhancements: Six (6) 1/2" mounting bolts per base unit rather than standard four (4) 1/2" mounting bolts. See UUT 52 for details.</p>							

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2


Manufacturer: Daikin North America, LLC	TABLE 1
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Certified Product Construction Summary:
Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.

Certified Options Summary:
N/A

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

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0 g$ $z/h = 1.0$ $I_P = 1.5$
 $S_{DS} = 2.5 g$ $z/h = 0.0$



Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Outdoor Heat Pump (VRV-IV S) 34,200 to 57,000 BTU/hr; Qualified design categories: T	RXTQ36_VJ_ ^{1,6}	12.6	37.0	39.0	172		37
	RXTQ48_VJ_ ^{1,6}	12.6	37.0	39.0	176		Interp.
	RXTQ60_VJ_ ^{1,6}	12.6	35.4	52.9	222		38
Outdoor Heat Pump (VRV LIFE) 23,00 to 57,000 BTU/hr; Qualified design categories: T	RXSQ24_VJ_ ^{1,6,7}	12.6	37.0	39.0	172		Interp.
	RXSQ36_VJ_ ^{1,6,7}	12.6	37.0	39.0	172		Interp.
	RXSQ48_VJ_ ^{1,6,7}	12.6	37.0	39.0	176		Interp.
	RXSQ60_VJ_ ^{1,6,7}	12.6	35.4	52.9	222		Interp.
Outdoor Cooling/Heat Pump (SkyAir) 18,000 to 48,000 BTU/hr; Qualified design categories: T	RZ_18_VJ_ ^{1,6,7}	12.6	37.0	39.0	172		Interp.
	RZ_24_VJ_ ^{1,6,7}	12.6	37.0	39.0	172		Interp.
	RZ_30_VJ_ ^{1,6,7}	12.6	35.4	52.9	222		Interp.
	RZ_36_VJ_ ^{1,6,7}	12.6	35.4	52.9	222		Interp.
	RZ_48_VJ_ ^{1,6,7}	12.6	35.4	52.9	222		Interp.

- Requires seismic enhancements: (4) ties from grille to unit frame, ties made of stainless steel 15" length by 3/16" width.
- Required seismic enhancements: Two (2) stainless steel straps (3/4" wide and 0.02" thick), running perpendicular to the units width, approximately 30° relative to vertical surface of the unit, attached with (2) #10-16 X1/2" Phillips Pan Head Zinc Finish Screws. Two (2) #10-16 X1/2" Phillips Pan Head Zinc Finish Screws used to attach each end of the strap to the mounting fixture.
- Construction of RXSQ, RZR, RZQ is identical to RXTQ, units differ in software only.

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC						TABLE 1		
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV								
Certified Product Construction Summary: Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.								
Certified Options Summary: N/A								
Mounting Configuration: Base mounted - rigid Note: Installed mounting must be of similar configuration and equivalent strength and stiffness to those tested.								
Building Code: CBC 2022						Seismic Certification Limits:	$S_{DS} = 2.0 g$ $z/h = 1.0$ $S_{DS} = 2.5 g$ $z/h = 0.0$	$I_P = 1.5$
Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT	
		Depth	Width	Height				
Outdoor Heat Pump 24,000 to 36,000 BTU/hr: Qualified design categories: N	RK30NMVJUA ⁸	12.5	34.1	28.9	132		Interp.	
	RK36NMVJUA ⁸	12.5	34.1	28.9	132		57	
	RX30NMVJUA ⁹	12.5	34.1	28.9	132		Interp.	
	RX36NMVJUA ⁹	12.5	34.1	28.9	132		58	
Outdoor Water Cooled Heat Pump and Heat Recovery Unit (VRV-W) 208/230V and 460V 96,000 to 144,000 BTU/hr (cooling capacity); Qualified design categories: T	RWEQ72_BTJ_/BTJ_-HR	22.2	30.1	38.6	423		Interp.	
	RWEQ72_BYD_/BYD_-HR	22.2	30.1	38.6	423		Interp.	
	RWEQ72_BYC_/BYC_-HR	22.2	30.1	38.6	423		Interp.	
	RWEQ96_ATJ_/ATJ_-HR	22.2	30.1	38.6	423		39	
	RWEQ96_BTJ_/BTJ_-HR	22.2	30.1	38.6	423		Interp.	
	RWEQ96_AYD_/AYD_-HR	22.2	30.1	38.6	423		Interp.	
	RWEQ96_BYD_/BYD_-HR	22.2	30.1	38.6	423		Interp.	
	RWEQ96_AYC_/AYC_-HR	22.2	30.1	38.6	423		Interp.	
	RWEQ96_BYC_/BYC_-HR	22.2	30.1	38.6	423		Interp.	
	RWEQ120_ATJ_/ATJ_-HR	22.2	30.1	38.6	423		Interp.	
	RWEQ120_BTJ_/BTJ_-HR	22.2	30.1	38.6	423		Interp.	
	RWEQ120_AYD_/AYD_-HR	22.2	30.1	38.6	426		Interp.	
	RWEQ120_BYD_/BYD_-HR	22.2	30.1	38.6	426		Interp.	
	RWEQ120_AYC_/AYC_-HR	22.2	30.1	38.6	426		Interp.	
	RWEQ120_BYC_/BYC_-HR	22.2	30.1	38.6	426		Interp.	
	RWEQ144_ATJ_/ATJ_-HR	22.2	30.1	38.6	430		Interp.	
	RWEQ144_BTJ_/BTJ_-HR	22.2	30.1	38.6	430		Interp.	
RWEQ144_AYD_/AYD_-HR	22.2	30.1	38.6	451	45			
8. Construcción RK36NMVJUA is identical to RK30NMVJUA, units differ in software only.								
9. Construcción RX36NMVJUA is identical to RX30NMVJUA, units differ in software only.								

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	TABLE 1
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Certified Product Construction Summary:
Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.

Certified Options Summary:
N/A

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

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0\text{ g}$ $z/h = 1.0$ $I_P = 1.5$
 $S_{DS} = 2.5\text{ g}$ $z/h = 0.0$

Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Outdoor Water Cooled Heat Pump and Heat Recovery Unit (VRV-W) 208/230V and 460V 96,000 to 144,000 BTU/hr (cooling capacity); Qualified design categories: T	RWEQ144_BYD_/BYD_-HR	22.2	30.1	38.6	451		Interp.
	RWEQ144_AYC_/AYC_-HR	22.2	30.1	38.6	451		Interp.
	RWEQ144_BYC_/BYC_-HR	22.2	30.1	38.6	451		Interp.
	RWEQ192_ATJ_/ATJ_-HR	22.2	60.2	38.6	846	2 x RWEQ96	Interp.
	RWEQ192_BTJ_/BTJ_-HR	22.2	60.2	38.6	846	2 x RWEQ96	Interp.
	RWEQ192_AYD_/AYD_-HR	22.2	60.2	38.6	846	2 x RWEQ96	Interp.
	RWEQ192_BYD_/BYD_-HR	22.2	60.2	38.6	846	2 x RWEQ96	Interp.
	RWEQ192_AYC_/AYC_-HR	22.2	60.2	38.6	846	2 x RWEQ96	Interp.
	RWEQ192_BYC_/BYC_-HR	22.2	60.2	38.6	846	2 x RWEQ96	Interp.
	RWEQ216_ATJ_/ATJ_-HR	22.2	60.2	38.6	846	RWEQ96 + RWEQ120	Interp.
	RWEQ216_BTJ_/BTJ_-HR	22.2	60.2	38.6	846	RWEQ96 + RWEQ120	Interp.
	RWEQ216_AYD_/AYD_-HR	22.2	60.2	38.6	849	RWEQ96 + RWEQ120	Interp.
	RWEQ216_BYD_/BYD_-HR	22.2	60.2	38.6	849	RWEQ96 + RWEQ120	Interp.
	RWEQ216_AYC_/AYC_-HR	22.2	60.2	38.6	849	RWEQ96 + RWEQ120	Interp.
	RWEQ216_BYC_/BYC_-HR	22.2	60.2	38.6	849	RWEQ96 + RWEQ120	Interp.
	RWEQ240_ATJ_/ATJ_-HR	22.2	60.2	38.6	846	2 x RWEQ120	Interp.
	RWEQ240_BTJ_/BTJ_-HR	22.2	60.2	38.6	846	2 x RWEQ120	Interp.
	RWEQ240_AYD_/AYD_-HR	22.2	60.2	38.6	852	2 x RWEQ120	Interp.
	RWEQ240_BYD_/BYD_-HR	22.2	60.2	38.6	852	2 x RWEQ120	Interp.
	RWEQ240_AYC_/AYC_-HR	22.2	60.2	38.6	852	2 x RWEQ120	Interp.
RWEQ240_BYC_/BYC_-HR	22.2	60.2	38.6	852	2 x RWEQ120	Interp.	
RWEQ264_ATJ_/ATJ_-HR	22.2	60.2	38.6	853	RWEQ120 + RWEQ144	Interp.	
RWEQ264_BTJ_/BTJ_-HR	22.2	60.2	38.6	853	RWEQ120 + RWEQ144	Interp.	
RWEQ264_AYD_/AYD_-HR	22.2	60.2	38.6	877	RWEQ120 + RWEQ144	Interp.	

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SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



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Manufacturer: Daikin North America, LLC	TABLE 1
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Certified Product Construction Summary:
Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.

Certified Options Summary:
N/A

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

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0\text{ g}$ $z/h = 1.0$ $I_p = 1.5$
 $S_{DS} = 2.5\text{ g}$ $z/h = 0.0$

Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Outdoor Water Cooled Heat Pump and Heat Recovery Unit (VRV-W) 208/230V and 460V 96,000 to 144,000 BTU/hr (cooling capacity); Qualified design categories: T	RWEQ264_BYD_/BYD_-HR	22.2	60.2	38.6	877	RWEQ120 + RWEQ144	Interp.
	RWEQ264_AYC_/AYC_-HR	22.2	60.2	38.6	877	RWEQ120 + RWEQ144	Interp.
	RWEQ264_BYC_/BYC_-HR	22.2	60.2	38.6	877	RWEQ120 + RWEQ144	Interp.
	RWEQ288_ATJ_/ATJ_-HR	22.2	60.2	38.6	860	2 x RWEQ144	Interp.
	RWEQ288_BTJ_/BTJ_-HR	22.2	60.2	38.6	860	2 x RWEQ144	Interp.
	RWEQ288_AYD_/AYD_-HR	22.2	60.2	38.6	901	2 x RWEQ144	Interp.
	RWEQ288_BYD_/BYD_-HR	22.2	60.2	38.6	901	2 x RWEQ144	Interp.
	RWEQ288_AYC_/AYC_-HR	22.2	60.2	38.6	901	2 x RWEQ144	Interp.
	RWEQ288_BYC_/BYC_-HR	22.2	60.2	38.6	901	2 x RWEQ144	Interp.
	RWEQ312_ATJ_/ATJ_-HR	22.2	90.3	38.6	1,269	2 x RWEQ96 + RWEQ120	Interp.
	RWEQ312_BTJ_/BTJ_-HR	22.2	90.3	38.6	1,269	2 x RWEQ96 + RWEQ120	Interp.
	RWEQ312_AYD_/AYD_-HR	22.2	90.3	38.6	1,272	2 x RWEQ96 + RWEQ120	Interp.
	RWEQ312_BYD_/BYD_-HR	22.2	90.3	38.6	1,272	2 x RWEQ96 + RWEQ120	Interp.
	RWEQ312_AYC_/AYC_-HR	22.2	90.3	38.6	1,272	2 x RWEQ96 + RWEQ120	Interp.
	RWEQ312_BYC_/BYC_-HR	22.2	90.3	38.6	1,272	2 x RWEQ96 + RWEQ120	Interp.
	RWEQ336_ATJ_/ATJ_-HR	22.2	90.3	38.6	1,269	RWEQ96 + 2 x RWEQ120	Interp.
	RWEQ336_BTJ_/BTJ_-HR	22.2	90.3	38.6	1,269	RWEQ96 + 2 x RWEQ120	Interp.
	RWEQ336_AYD_/AYD_-HR	22.2	90.3	38.6	1,275	RWEQ96 + 2 x RWEQ120	Interp.
	RWEQ336_BYD_/BYD_-HR	22.2	90.3	38.6	1,275	RWEQ96 + 2 x RWEQ120	Interp.
	RWEQ336_AYC_/AYC_-HR	22.2	90.3	38.6	1,275	RWEQ96 + 2 x RWEQ120	Interp.
RWEQ336_BYC_/BYC_-HR	22.2	90.3	38.6	1,275	RWEQ96 + 2 x RWEQ120	Interp.	
RWEQ360_ATJ_/ATJ_-HR	22.2	90.3	38.6	1,269	3 x RWEQ120	Interp.	
RWEQ360_BTJ_/BTJ_-HR	22.2	90.3	38.6	1,269	3 x RWEQ120	Interp.	
RWEQ360_AYD_/AYD_-HR	22.2	90.3	38.6	1,278	3 x RWEQ120	Interp.	

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SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC						TABLE 1	
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV							
Certified Product Construction Summary: Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.							
Certified Options Summary: N/A							
Mounting Configuration: Base mounted - rigid Note: Installed mounting must be of similar configuration and equivalent strength and stiffness to those tested.							
Building Code: CBC 2022						Seismic Certification Limits: $S_{DS} = 2.0\text{ g}$ $z/h=1.0$ $I_p = 1.5$ $S_{DS} = 2.5\text{ g}$ $z/h=0.0$	
Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Outdoor Water Cooled Heat Pump and Heat Recovery Unit (VRV-W) 208/230V and 460V 96,000 to 144,000 BTU/hr (cooling capacity); Qualified design categories: T	RWEQ360_BYD_/BYD_-HR	22.2	90.3	38.6	1,278	3 x RWEQ120	Interp.
	RWEQ360_AYC_/AYC_-HR	22.2	90.3	38.6	1,278	3 x RWEQ120	Interp.
	RWEQ360_BYC_/BYC_-HR	22.2	90.3	38.6	1,278	3 x RWEQ120	Interp.
	RWEQ384_ATJ_/ATJ_-HR	22.2	90.3	38.6	1,276	2 x RWEQ120 + RWEQ144	Interp.
	RWEQ384_BTJ_/BTJ_-HR	22.2	90.3	38.6	1,276	2 x RWEQ120 + RWEQ144	Interp.
	RWEQ384_AYD_/AYD_-HR	22.2	90.3	38.6	1,303	2 x RWEQ120 + RWEQ144	Interp.
	RWEQ384_BYD_/BYD_-HR	22.2	90.3	38.6	1,303	2 x RWEQ120 + RWEQ144	Interp.
	RWEQ384_AYC_/AYC_-HR	22.2	90.3	38.6	1,303	2 x RWEQ120 + RWEQ144	Interp.
	RWEQ384_BYC_/BYC_-HR	22.2	90.3	38.6	1,303	2 x RWEQ120 + RWEQ144	Interp.
	RWEQ408_ATJ_/ATJ_-HR	22.2	90.3	38.6	1,283	RWEQ120 + 2 x RWEQ144	Interp.
	RWEQ408_BTJ_/BTJ_-HR	22.2	90.3	38.6	1,283	RWEQ120 + 2 x RWEQ144	Interp.
	RWEQ408_AYD_/AYD_-HR	22.2	90.3	38.6	1,327	RWEQ120 + 2 x RWEQ144	Interp.
	RWEQ408_BYD_/BYD_-HR	22.2	90.3	38.6	1,327	RWEQ120 + 2 x RWEQ144	Interp.
	RWEQ408_AYC_/AYC_-HR	22.2	90.3	38.6	1,327	RWEQ120 + 2 x RWEQ144	Interp.
	RWEQ408_BYC_/BYC_-HR	22.2	90.3	38.6	1,327	RWEQ120 + 2 x RWEQ144	Interp.
	RWEQ432_ATJ_/ATJ_-HR	22.2	90.3	38.6	1,290	3 x RWEQ144	Interp.
	RWEQ432_BTJ_/BTJ_-HR	22.2	90.3	38.6	1,290	3 x RWEQ144	Interp.
	RWEQ432_AYD_/AYD_-HR	22.2	90.3	38.6	1,352	3 x RWEQ144	Interp.
	RWEQ432_BYD_/BYD_-HR	22.2	90.3	38.6	1,352	3 x RWEQ144	Interp.
	RWEQ432_AYC_/AYC_-HR	22.2	90.3	38.6	1,352	3 x RWEQ144	Interp.
RWEQ432_BYC_/BYC_-HR	22.2	90.3	38.6	1,352	3 x RWEQ144	Interp.	

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SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	TABLE 1
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Certified Product Construction Summary:
Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.

Certified Options Summary:
N/A

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

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0g$ $z/h = 1.0$ $I_p = 1.5$
 $S_{DS} = 2.5g$ $z/h = 0.0$

Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Outdoor Heat Pump 72,000 to 480,000 BTU/hr (cooling capacity); Qualified design categories: A	RXYQ72AATJ_	30.5	36.6	65.4	479		59
	RXYQ72AAYD_	30.5	36.6	65.4	507		Interp.
	RXYQ96AATJ_	30.5	48.8	65.4	683		Interp.
	RXYQ96AAYD_	30.5	48.8	65.4	694		Interp.
	RXYQ120AATJ_	30.5	48.8	65.4	683		Interp.
	RXYQ120AAYD_	30.5	48.8	65.4	694		Interp.
	RXYQ144AATJ_	30.5	48.8	65.4	750		Interp.
	RXYQ144AAYD_	30.5	48.8	65.4	761		Interp.
	RXYQ168AATJ_	30.5	48.8	65.4	750		Interp.
	RXYQ168AAYD_	30.5	48.8	65.4	761		Interp.
	RXYQ192AATJ_	30.5	68.8	65.4	883		Interp.
	RXYQ192AAYD_	30.5	68.8	65.4	894		Interp.
	RXYQ216AATJ_	30.5	68.8	65.4	883		Interp.
	RXYQ216AAYD_	30.5	68.8	65.4	894		Interp.
	RXYQ240AATJ_	30.5	68.8	65.4	883		Interp.
	RXYQ240AAYD_	30.5	68.8	65.4	894		60
	RXYQ264AATJ_	30.5	97.6	65.4	1,433	RXYQ120AA + RXYQ144AA	Interp.
	RXYQ264AAYD_	30.5	97.6	65.4	1,455	RXYQ120AA + RXYQ144AA	Interp.
	RXYQ288AATJ_	30.5	97.6	65.4	1,500	2 x RXYQ144AA	Interp.
	RXYQ288AAYD_	30.5	97.6	65.4	1,522	2 x RXYQ144AA	Interp.
	RXYQ312AATJ_	30.5	97.6	65.4	1,500	RXYQ144AA + RXYQ168AA	Interp.
	RXYQ312AAYD_	30.5	97.6	65.4	1,522	RXYQ144AA + RXYQ168AA	Interp.
	RXYQ336AATJ_	30.5	97.6	65.4	1,500	2 x RXYQ168AA	Interp.
	RXYQ336AAYD_	30.5	97.6	65.4	1,522	2 x RXYQ168AA	Interp.



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	TABLE 1
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Certified Product Construction Summary:
Carbon steel cabinet. Seismic enhancements and enhanced mounting as indicated.

Certified Options Summary:
N/A

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

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0g$ $z/h = 1.0$ $I_P = 1.5$
 $S_{DS} = 2.5g$ $z/h = 0.0$

Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Outdoor Heat Pump 72,000 to 480,000 BTU/hr (cooling capacity); Qualified design categories: A	RXYQ360AATJ_	30.5	117.6	65.4	1,633	RXYQ168AA + RXYQ192AA	Interp.
	RXYQ360AAYD_	30.5	117.6	65.4	1,655	RXYQ168AA + RXYQ192AA	Interp.
	RXYQ384AATJ_	30.5	137.6	65.4	1,766	2 x RXYQ192AA	Interp.
	RXYQ384AAYD_	30.5	137.6	65.4	1,788	2 x RXYQ192AA	Interp.
	RXYQ408AATJ_	30.5	137.6	65.4	1,766	RXYQ192AA + RXYQ216AA	Interp.
	RXYQ408AAYD_	30.5	137.6	65.4	1,788	RXYQ192AA + RXYQ216AA	Interp.
	RXYQ432AATJ_	30.5	137.6	65.4	1,766	2 x RXYQ216AA	Interp.
	RXYQ432AAYD_	30.5	137.6	65.4	1,788	2 x RXYQ216AA	Interp.
	RXYQ456AATJ_	30.5	137.6	65.4	1,766	RXYQ216AA + RXYQ240AA	Interp.
	RXYQ456AAYD_	30.5	137.6	65.4	1,788	RXYQ216AA + RXYQ240AA	Interp.
	RXYQ480AATJ_	30.5	137.6	65.4	1,766	2 x RXYQ240AA	Interp.
	RXYQ480AAYD_	30.5	137.6	65.4	1,788	2 x RXYQ240AA	Interp.

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

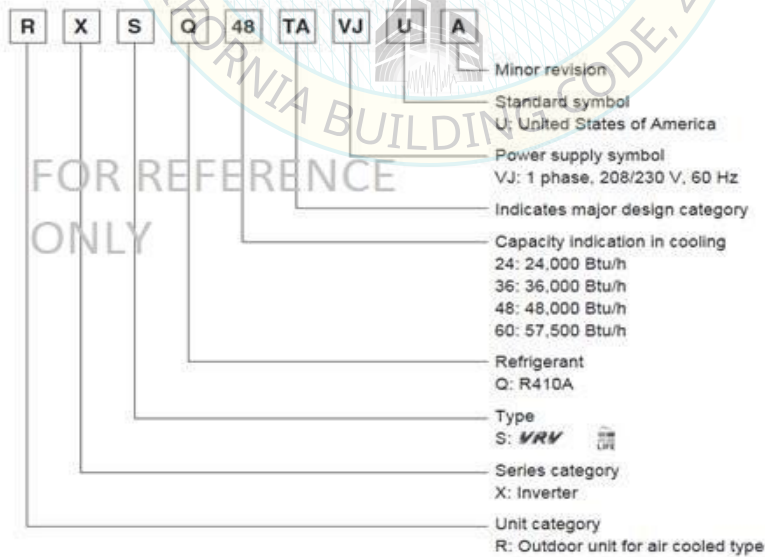
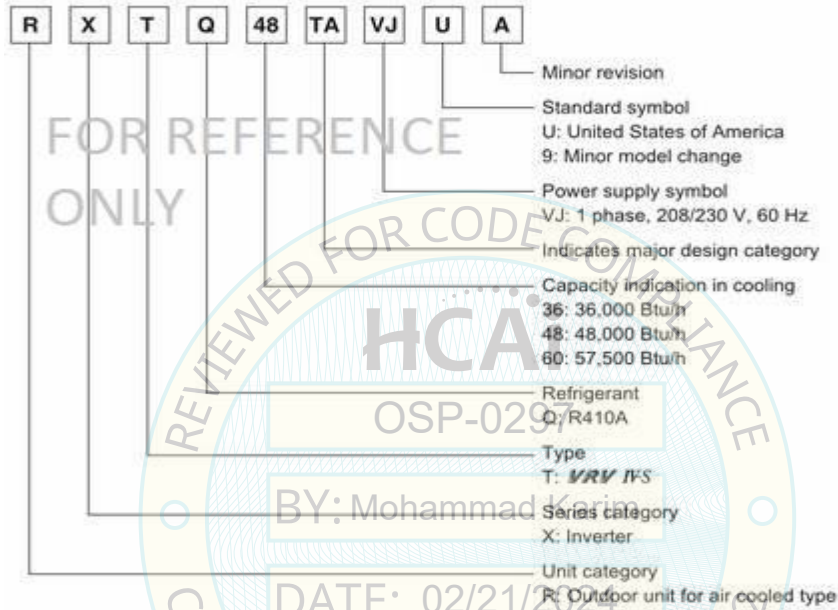


2100103-CR-001-R2

Manufacturer: Daikin North America, LLC
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV

TABLE 1

Nomenclature: Split System, Quaternity, SkyAir Outdoor Heat Pumps
FOR REFERENCE ONLY



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



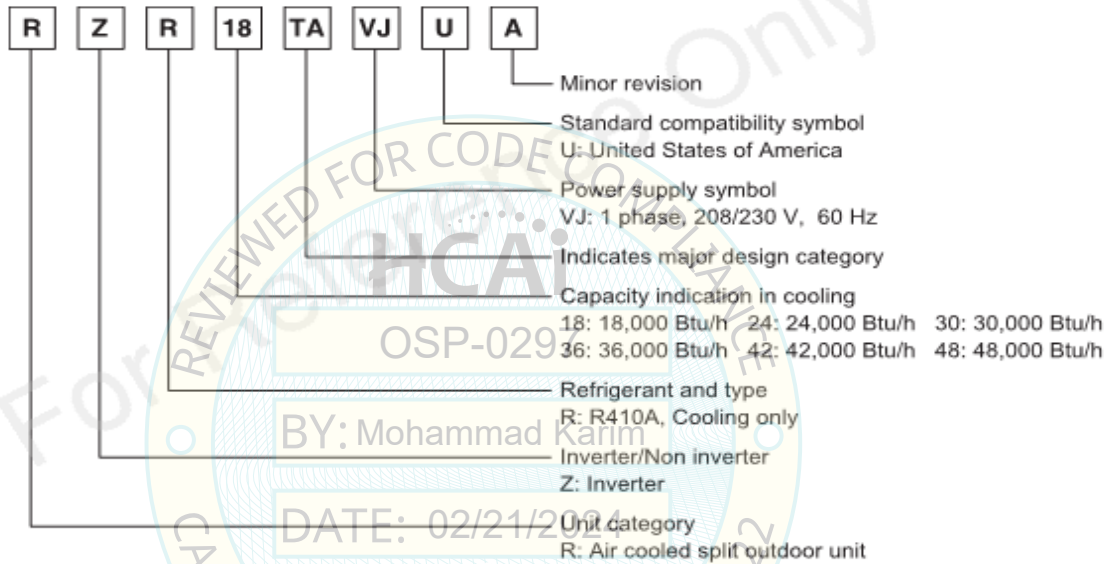
2100103-CR-001-R2

Manufacturer: Daikin North America, LLC
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV

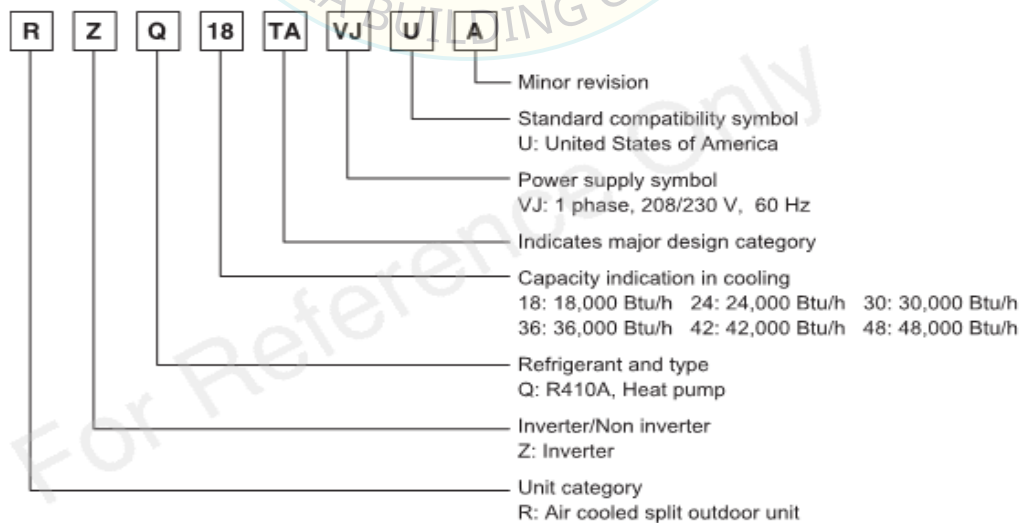
TABLE 1

Nomenclature: Split System, Quaternity, SkyAir Outdoor Heat Pumps
FOR REFERENCE ONLY

Outdoor unit (cooling only)



Outdoor unit (heat pump)



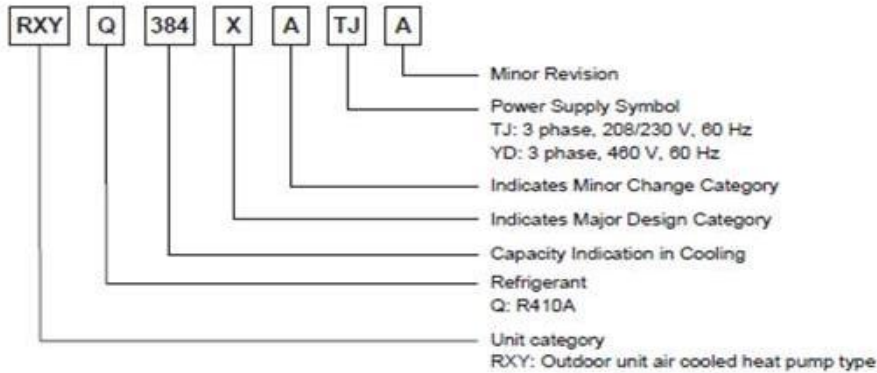
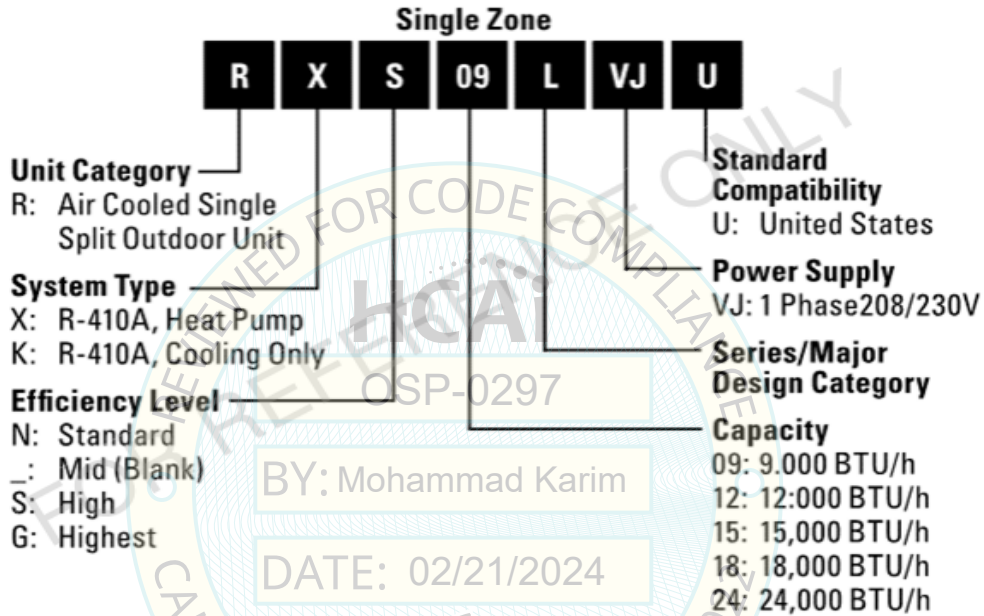
SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	TABLE 1
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Nomenclature: Split System, Quaternity, SkyAir Outdoor Heat Pumps
FOR REFERENCE ONLY



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	TABLE 1
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Nomenclature: Split System, Quaternity, SkyAir Outdoor Heat Pumps
FOR REFERENCE ONLY

R X Y Q 408 T TJU

- Power Supply Symbol
TJU: 3 phase, 208/230V, 60Hz
YDN: 3 phase, 460V, 60Hz
- Indicates Major Design Category
- Capacity Indication in cooling

72: 72,000 Btu/h	192: 192,000 Btu/h	312: 312,000 Btu/h
96: 96,000 Btu/h	216: 216,000 Btu/h	336: 336,000 Btu/h
120: 120,000 Btu/h	240: 240,000 Btu/h	360: 360,000 Btu/h
144: 144,000 Btu/h	264: 264,000 Btu/h	384: 384,000 Btu/h
168: 168,000 Btu/h	288: 288,000 Btu/h	408: 408,000 Btu/h

- Refrigerant
Q: R410A
- Type
Y: Heat pump
Blank: Cooling only
- Series category
X: Inverter
- Unit category
R: Outdoor unit for air cooled type

BY: Mohammad Karim

DATE: 02/21/2024

RWE Q 432 T A YC U

- Standard symbol
U: North American models
A: Minor revision for North American models

- Power supply symbol
TJ: 3 phase, 208/230 V, 60 Hz
YD: 3 phase, 460 V, 60 Hz
~~YDN: 3 phase, 460V, 60Hz~~

- Indicates minor change category
- Indicates major design category
- Capacity indication in cooling

- Refrigerant
Q: R410A

- Indicates that this is a
RWE: Heat pump / Heat recovery water cooled

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

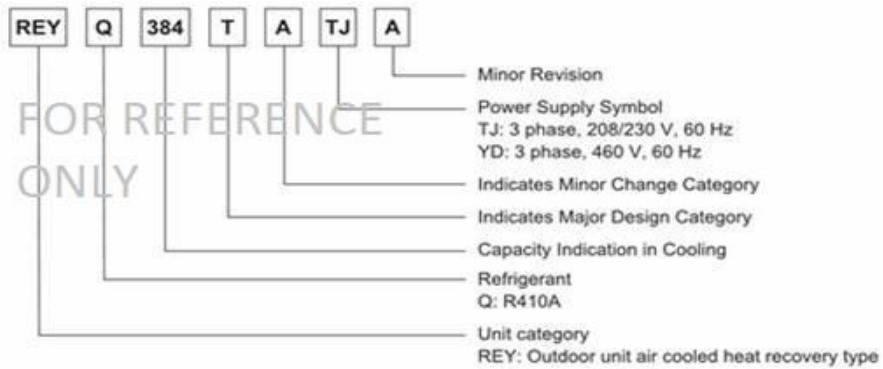
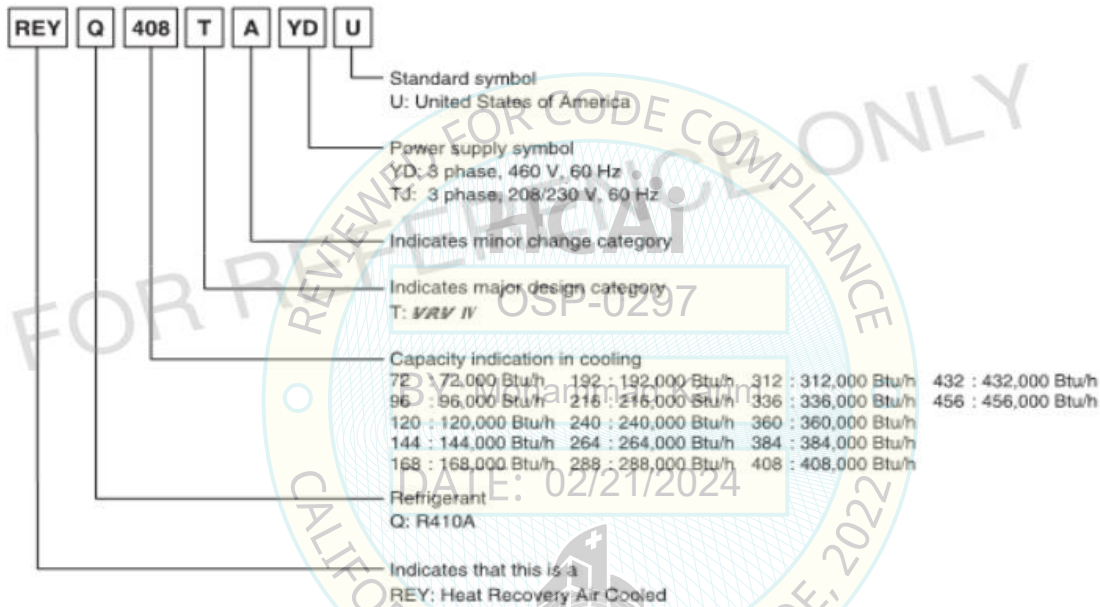


2100103-CR-001-R2

Manufacturer: Daikin North America, LLC
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV

TABLE 1

Nomenclature: Split System, Quaternity, SkyAir Outdoor Heat Pumps
FOR REFERENCE ONLY



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

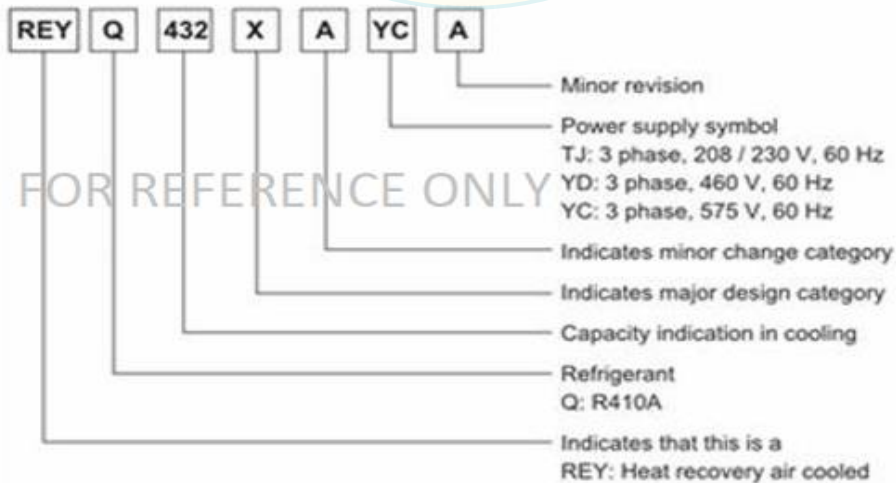
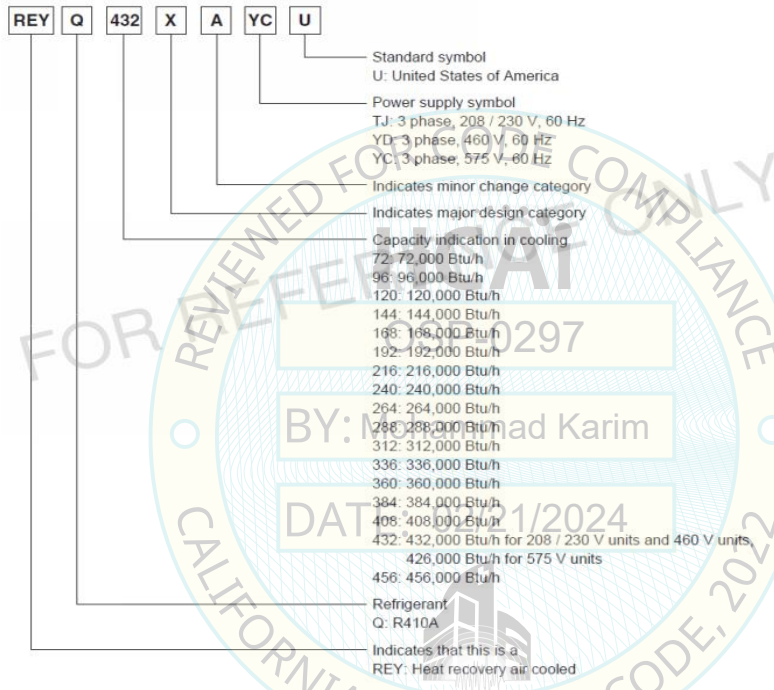


2100103-CR-001-R2

Manufacturer: Daikin North America, LLC
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV

TABLE 1

Nomenclature: Split System, Quaternity, SkyAir Outdoor Heat Pumps
FOR REFERENCE ONLY



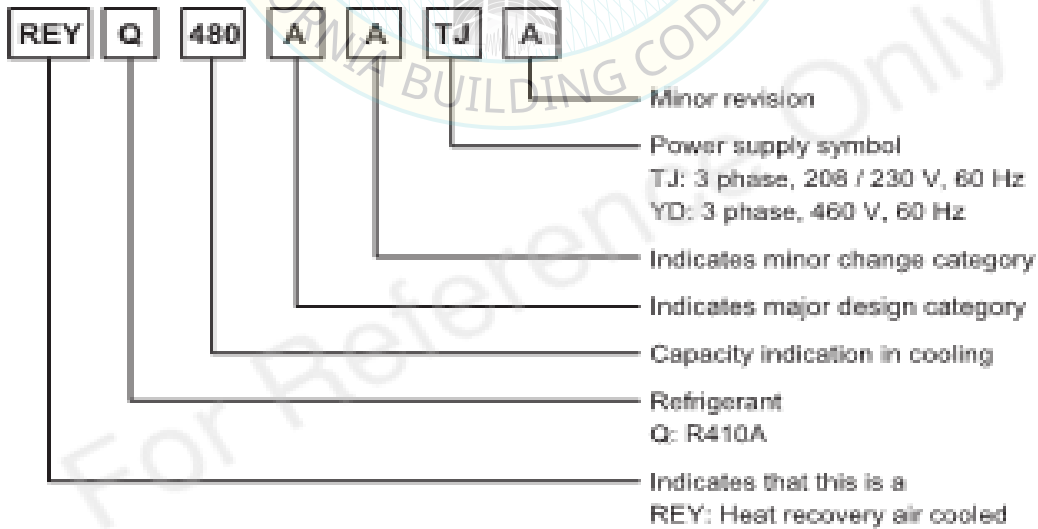
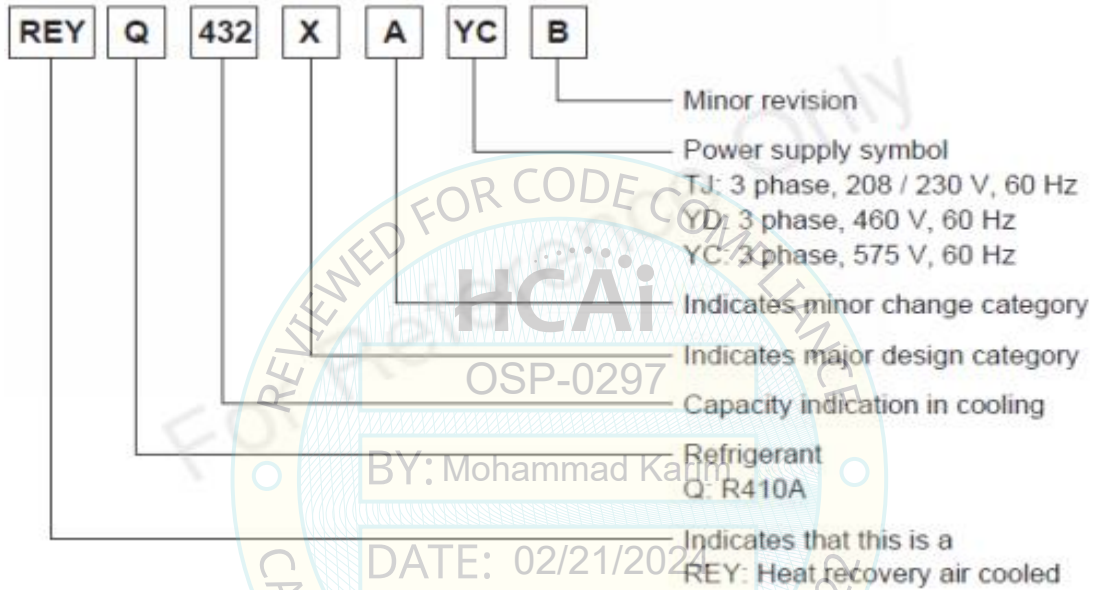
SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	TABLE 1
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	


Nomenclature: Split System, Quaternity, SkyAir Outdoor Heat Pumps
FOR REFERENCE ONLY



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC						TABLE 2		
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV								
Certified Product Construction Summary: Plastic Enclosure								
Certified Options Summary:								
Mounting Configuration: Wall mounted - rigid Note: Installed mounting must be of similar configuration and equivalent strength and stiffness to those tested.								
Building Code: CBC 2022						Seismic Certification Limits:	$S_{DS} = 2.0 g$ $z/h = 1.0$ $S_{DS} = 2.5 g$ $z/h = 0.0$	$I_P = 1.5$
Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT	
		Depth	Width	Height				
Indoor Fan Coil (Split System, Quaternity, SkyAir) 7,500 to 36,000 BTU/hr; Qualified design categories: H (FTXG), P (FXAQ), L (FTXS), P (FAQ), N (FTX)	FXAQ07_VJU	9.3	31.3	11.4	26		Extrap.	
	FTXS09_VJU	14.4	34.3	10.8	20		Extrap.	
	FTXG09_VJU	8.2	35.0	12.0	31		11	
	FXAQ09_VJU	9.3	31.3	11.4	26		12	
	FTXS12_VJU	14.4	34.3	10.8	22		Interp.	
	FTXG12_VJU	8.2	35.0	12.0	31		Interp.	
	FXAQ12_VJU	9.3	31.3	11.4	26		Interp.	
	FTXN15_VJU	9.4	41.3	11.4	27		Interp.	
	FTXS15_VJU	16.9	45.7	13.0	31		Interp.	
	FTXG15_VJU	8.2	35.0	12.0	31		Interp.	
	FAQ18_VJU	9.0	41.4	11.4	31		14	
	FTXN18_VJU	9.4	41.3	11.4	27		Interp.	
	FTXS18_VJU	16.9	45.7	13.0	31		Interp.	
	FXAQ18_VJU	9.3	41.4	11.4	31		Interp.	
	FTXN24_VJU	9.4	41.3	11.4	27		Interp.	
	FTXS24_VJU	16.9	45.7	13.0	31		13	
	FAQ24_VJU	9.0	41.4	11.4	31		Interp.	
	FXAQ24_VJU	9.3	41.4	11.4	31		Interp.	
	FTX30_VJU ¹	10.3	47.0	13.4	37		Interp.	
	FTXS30_VJU	9.4	47.3	13.4	38		Interp.	
FTX36_VJU	10.3	47.0	13.4	37	56			
FTXS36_VJU	9.4	47.3	13.4	38	15			

1. Construction of the FTX30_VJU is identical to FTX36_VJU (UUT 56), units differ in software only.

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

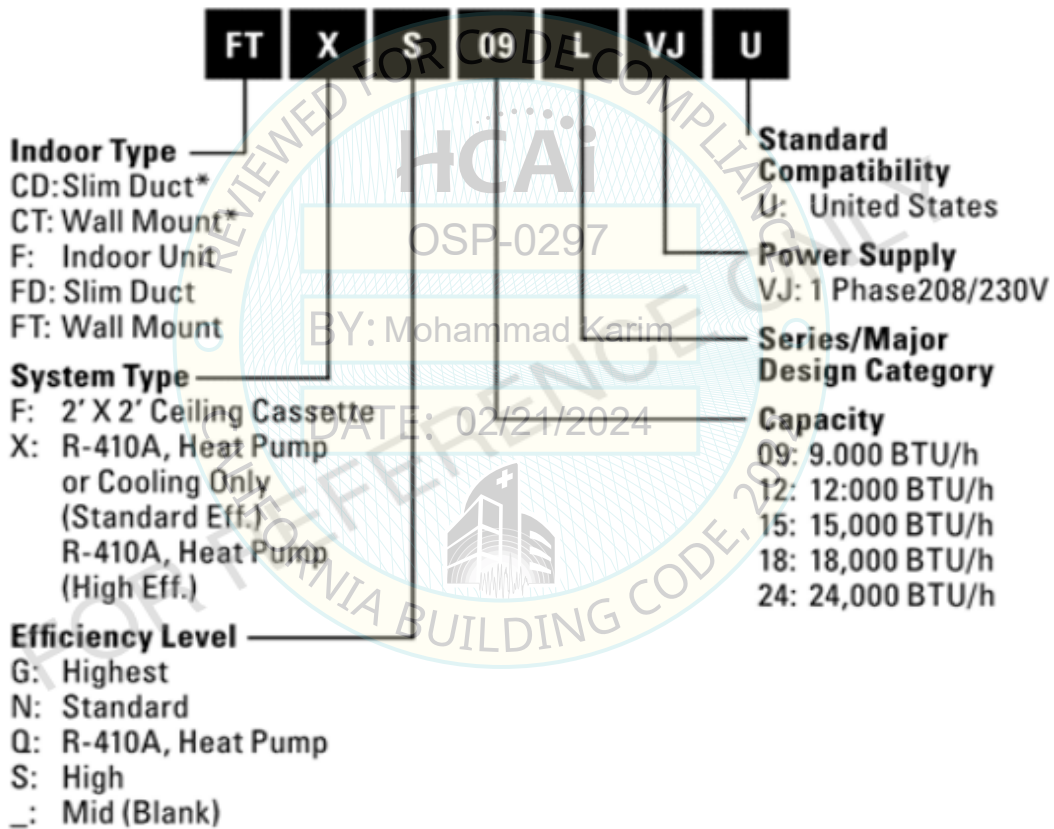


2100103-CR-001-R2

Manufacturer: Daikin North America, LLC
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV

TABLE 2

Nomenclature: Split System, Quaternity, SkyAir Indoor Units
FOR REFERENCE ONLY



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2



Manufacturer: Daikin North America, LLC	TABLE 3
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Certified Product Construction Summary:
Plastic Cabinet. Seismic enhancements as indicated.

Certified Options Summary:
N/A

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

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0 g$ $z/h = 1.0$ $I_p = 1.5$
 $S_{DS} = 2.5 g$ $z/h = 0.0$

Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Indoor Fan Coil (SkyAir, VRV-S, VRV) 12,000 to 40,500 BTU/hr; Qualified design categories: M	FXHQ12_VJU	26.8	37.8	7.7	55		16
	FHQ18_VJU	26.8	62.6	7.7	90		Interp.
	FHQ24_VJU	26.8	62.6	7.7	90		Interp.
	FXHQ24_VJU	26.8	55.1	7.7	80		Interp.
	FHQ30_VJU	26.8	62.6	7.7	90		Interp.
	FHQ36_VJU	26.8	62.6	7.7	90		Interp.
	FXHQ36_VJU	26.8	62.6	7.7	90		Interp.
	FHQ42_VJU	26.8	62.6	7.7	90		17
Indoor Fan Coil (VRV) 18,000 to 36,000 BTU/hr; Qualified design categories: P	FXUQ18_VJU ¹	37.4	37.4	7.8	58		33
	FXUQ24_VJU ¹	37.4	37.4	7.8	58		Interp.
	FXUQ30_VJU ¹	37.4	37.4	7.8	60		Interp.
	FXUQ36_VJU ¹	37.4	37.4	7.8	60		42

1. Requires seismic enhancements: Heavy duty square washers (1.6" x 1.3 x 0.2") were used at top and bottom of mounting bracket. S-Shape hooks on four (4) internal wires, used to secure outer cover attachment to unit, were crimped closed to secure cover to unit.

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2



Manufacturer: Daikin North America, LLC	TABLE 3
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Certified Product Construction Summary:
Plastic Cabinet. Seismic enhancements as indicated.

Certified Options Summary:
N/A

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

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0 g$ $z/h = 1.0$ $I_P = 1.5$
 $S_{DS} = 2.5 g$ $z/h = 0.0$

Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT	
		Depth	Width	Height				
Indoor Fan Coil (VRV-S, VRV) 7,500 to 96,000 BTU/hr; Qualified design categories: P	FXMQ07_VJU ²	27.6	21.7	11.8	55		Extrap.	
	FXMQ09_VJU ²	27.6	21.7	11.8	55		Extrap.	
	FXMQ12_VJU ²	27.6	27.6	11.8	55		20	
	FBQ18_VJU ²	27.6	39.4	11.8	80		Interp.	
	FXMQ15_VJU ²	27.6	39.4	11.8	80		Interp.	
	FXMQ18_VJU ²	27.6	39.4	11.8	80		21	
	FBQ24_VJU ²	27.6	39.4	11.8	80		Interp.	
	FXMQ24_VJU ²	27.6	39.4	11.8	80		Interp.	
	FBQ30_VJU ²	27.6	39.4	11.8	80		Interp.	
	FXMQ30_VJU ²	27.6	55.1	11.8	80		Interp.	
	FBQ36_VJU ²	27.6	55.1	11.8	102		Interp.	
	FXMQ36_VJU ²	27.6	55.1	11.8	101		Interp.	
	FBQ42_VJU ²	27.6	55.1	11.8	102		Interp.	
	FXMQ48_VJU ²	27.6	55.1	11.8	101		22	
	FXMQ54_VJU ^{2,3}	27.6	55.1	11.8	101		Interp.	
	FXMQ48MFVJU ⁴	43.3	29.3	18.5	190			23
	FXMQ72MFVJU ⁴	43.3	54.4	18.5	271			Interp.
	FXMQ72MVJU ⁴	43.3	54.4	18.1	302			Interp.
	FXMQ96MFVJU ⁴	43.3	54.4	18.5	271			Interp.
		FXMQ96MVJU ⁴	43.3	54.4	18.1		302	

- Requires seismic enhancements: Six (6) #10 SMS at each mounting ear (24 total) & #10 SMS in grille latch
- Construction of FXMQ54_VJU is identical to FMXQ48_VJU (UUT 22), units differ in software only.
- Requires seismic enhancements: One (1) #10 SMS at each mounting ear (4 total)

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



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Manufacturer: Daikin North America, LLC	TABLE 3
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Certified Product Construction Summary:
Plastic Cabinet. Seismic enhancements as indicated.

Certified Options Summary:
N/A

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

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0g$ $z/h = 1.0$ $I_p = 1.5$
 $S_{DS} = 2.5g$ $z/h = 0.0$



Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Indoor Fan Coil (SkyAir, VRV III-S, VRV) 9,500 to 48,000 BTU/hr; Qualified design categories: P, T	FXFQ07_VJU ⁵	33.1	33.1	9.7	43		35
	FXFQ09_VJU ⁵	33.1	33.1	9.7	43		18
	FXFQ12_VJU ⁵	33.1	33.1	9.7	43		Interp.
	FCQ18_VJU ²	33.1	33.1	9.7	43		Interp.
	FXFQ18_VJU ⁵	33.1	33.1	9.7	43		Interp.
	FCQ24_VJU ²	33.1	33.1	9.7	49		Interp.
	FXFQ24_VJU ⁵	33.1	33.1	9.7	49		Interp.
	FCQ30_VJU ⁵	33.1	33.1	9.7	49		Interp.
	FXFQ30_VJU ⁵	33.1	33.1	9.7	58		Interp.
	FXFQ36_VJU ⁵	33.1	33.1	11.3	58		Interp.
	FCQ36_VJU ²	33.1	33.1	11.3	55		Interp.
	FCQ42_VJU ²	33.1	33.1	11.3	55		Interp.
	FXFQ48_VJU ⁵	33.1	33.1	11.3	58		19

2. Requires seismic enhancements: Six (6) #10 SMS at each mounting ear (24 total) & #10 SMS in grille latch
5. Requires seismic enhancements: Eight (8) #10 SMS in each mounting ear. Four (4) cable tie (shipped with unit) chains, each with two links, between decoration panel cover latches and through mounting ear. Two (2) strips of heavy duty Velcro® tape 1" x 2" at each corner cover (eight total).

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC						TABLE 3		
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV								
Certified Product Construction Summary: Plastic Cabinet. Seismic enhancements as indicated.								
Certified Options Summary: N/A								
Mounting Configuration: Ceiling mounted - rigid Note: Installed mounting must be of similar configuration and equivalent strength and stiffness to those tested.								
Building Code: CBC 2022						Seismic Certification Limits:	$S_{DS} = 2.0 g$ $z/h = 1.0$ $S_{DS} = 2.5 g$ $z/h = 0.0$	$I_P = 1.5$
Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT	
		Depth	Width	Height				
Indoor Fan Coil (VRV Vista) 5,800 to 18,000 BTU/hr (kW); Qualified design categories: T	FXZQ05TAVJU ^{2,6}	22.6	22.6	10.3	42		Extrap.	
	FXZQ07TAVJU ^{2,6}	22.6	22.6	10.3	42		Extrap.	
	FXZQ09TAVJU ^{2,6}	22.6	22.6	10.3	42		48	
	FXZQ12TAVJU ^{2,6}	22.6	22.6	10.3	46		Interp.	
	FXZQ15TAVJU ^{2,6}	22.6	22.6	10.3	46		Interp.	
	FXZQ18TAVJU ^{2,6}	22.6	22.6	10.3	46		49	
Indoor Fan Coil (VRV) 5,800 to 54,000 BTU/hr (kW); Qualified design categories: T	FXSQ05TAVJU ²	31.5	21.7	9.7	51		Extrap.	
	FXSQ07TAVJU ²	31.5	21.7	9.7	51		46	
	FXSQ09TAVJU ²	31.5	21.7	9.7	55		Interp.	
	FXSQ12TAVJU ²	31.5	21.7	9.7	55		Interp.	
	FXSQ15TAVJU ²	31.5	21.7	9.7	60		Interp.	
	FXSQ18TAVJU ²	31.5	27.6	9.7	77		Interp.	
	FXSQ24TAVJU ²	31.5	39.4	9.7	82		Interp.	
	FXSQ30TAVJU ²	31.5	39.4	9.7	82		Interp.	
	FXSQ36TAVJU ²	31.5	55.1	9.7	101		Interp.	
	FXSQ48TAVJU ²	31.5	55.1	9.7	104		Interp.	
	FXSQ54TAVJU ²	31.5	61.0	9.7	111	47		
<p>2. Requires seismic enhancements: Six (6) #10 SMS at each mounting ear (24 total) & #10 SMS in grille latch</p> <p>6. Requires seismic enhancements: Filter secured with two (2) stripes of 3M velcor. Panel cover hinges secured with 50 lb wire and metal ferrule. See UUT summary for more details.</p>								

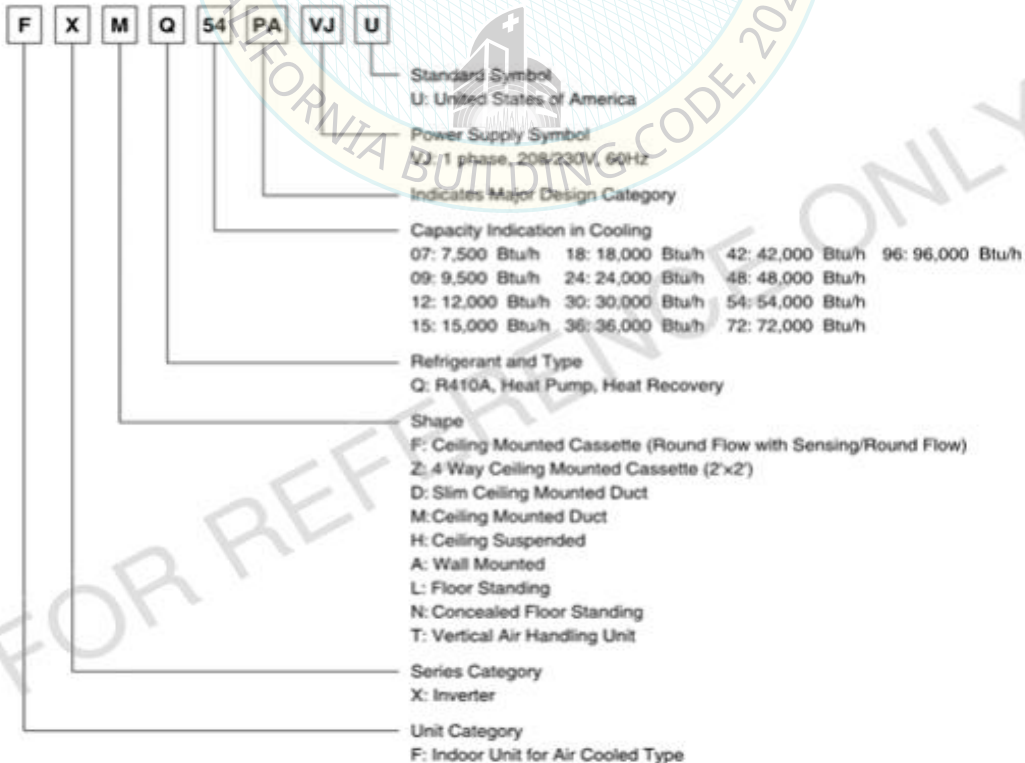
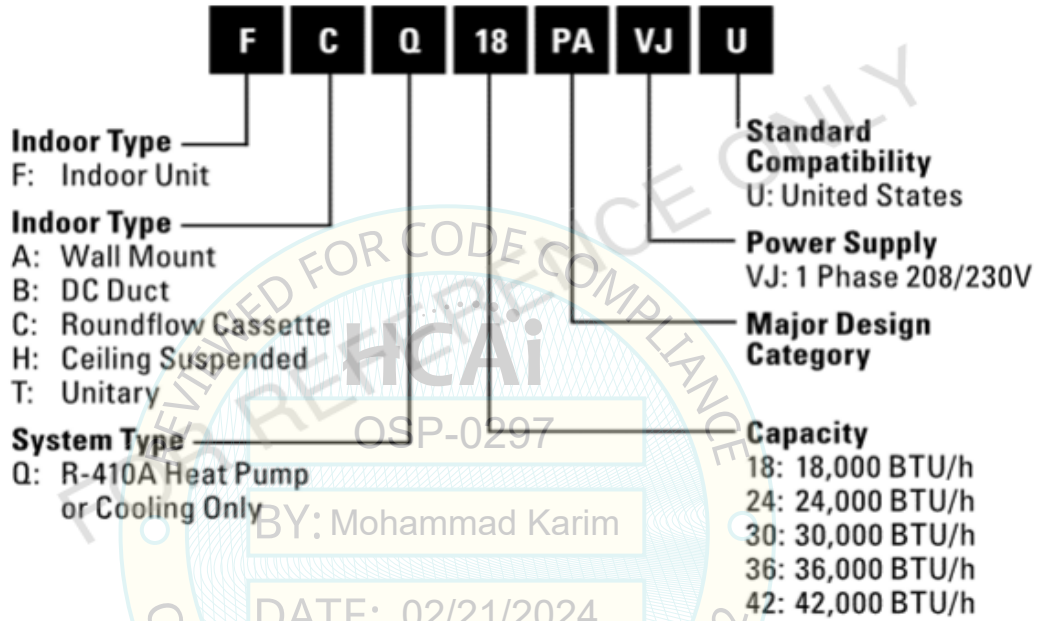
SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



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Manufacturer: Daikin North America, LLC	TABLE 3
Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV	

Nomenclature: VRV Indoor Units
FOR REFERENCE ONLY



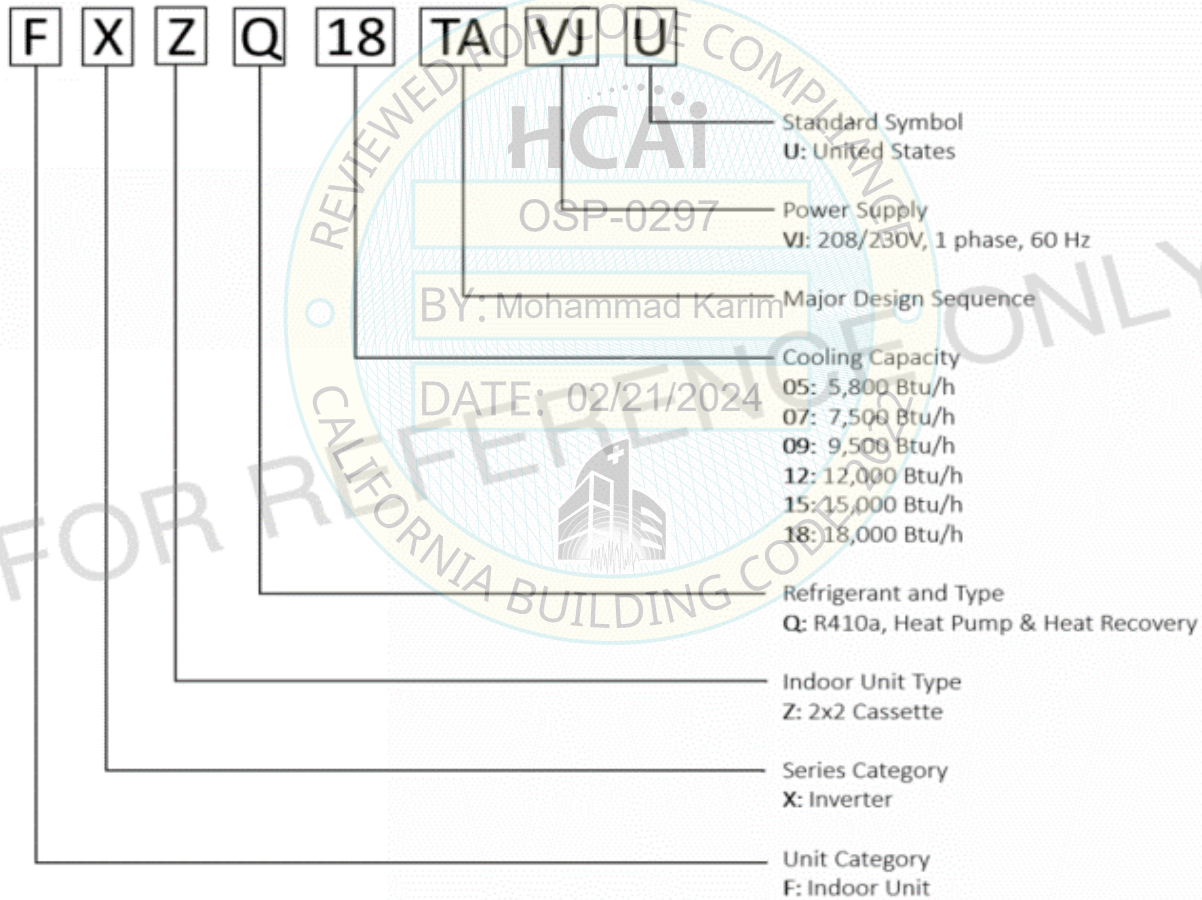
SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	TABLE 3
Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV	

Nomenclature: VRV Indoor Units
FOR REFERENCE ONLY



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX

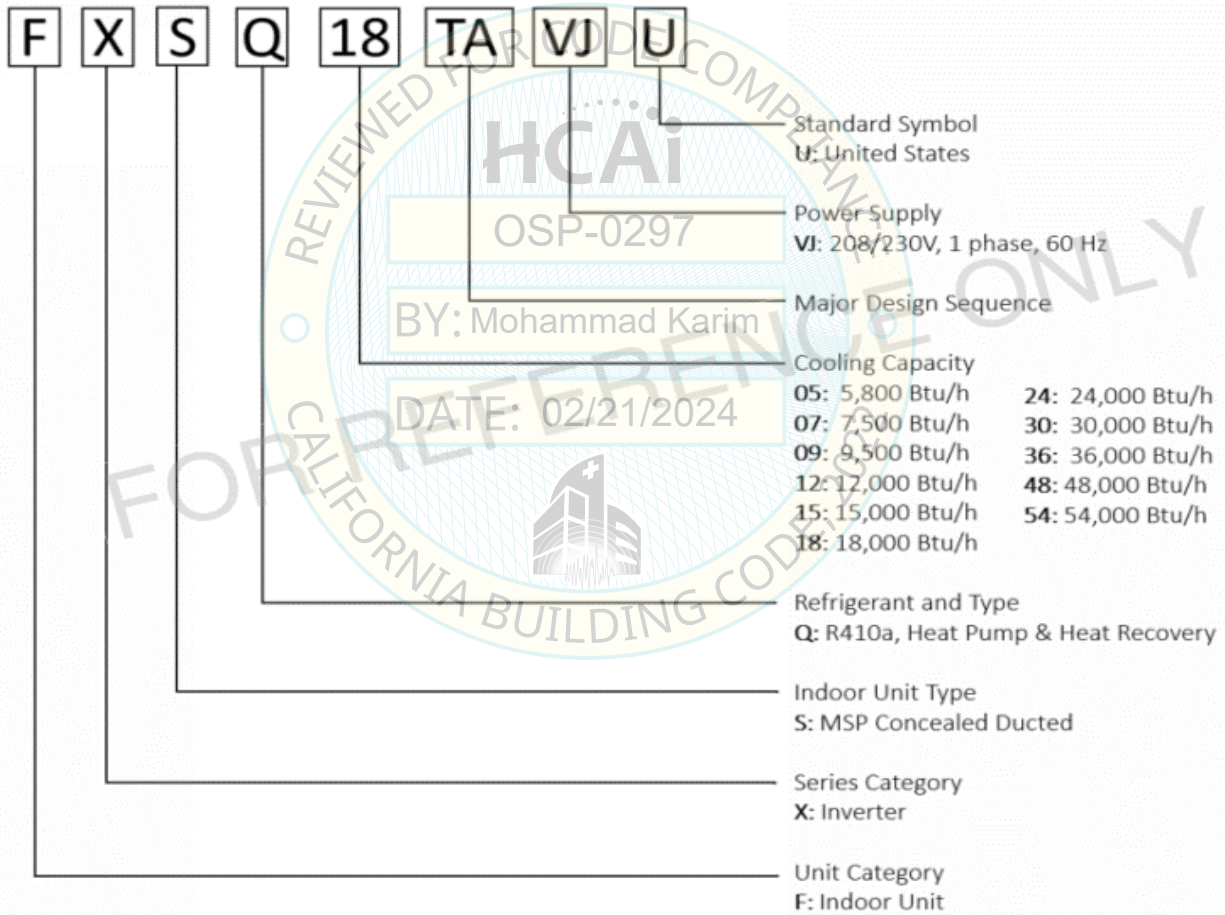


2100103-CR-001-R2

Manufacturer: Daikin North America, LLC
Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV

TABLE 3

Nomenclature: VRV Indoor Units
FOR REFERENCE ONLY



SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



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Manufacturer: Daikin North America, LLC	TABLE 4
Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV	

Certified Product Construction Summary:
Carbon Steel Cabinet. Seismic enhancements as indicated.

Certified Options Summary:
N/A

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

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0g$ $z/h = 1.0$ $I_p = 1.5$
 $S_{DS} = 2.5g$ $z/h = 0.0$

Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Indoor Single Port Branch Selector (VRV III) 36 to 96 capacity index; Qualified design categories: P, T	BSVQ36_VJU	12.2	15.3	8.1	26		25
	BSVQ60_VJU	12.2	15.3	8.1	26		Interp.
	BSVQ96_VJU	12.2	15.3	8.1	33		Interp.
	BSV4Q36_VJU	25.0	41.5	8.3	132		Interp.
	BSV6Q36_VJU	25.0	62.1	8.3	196		26
Indoor Multi Port Branch Selector (VRV IV) 144 to 290 total capacity index; Qualified design categories: T	BS4Q54_VJ ¹	18.9	14.6	11.8	49		31
	BS6Q54_VJ ¹	18.9	22.8	11.8	68		Interp.
	BS8Q54_VJ ¹	18.9	22.8	11.8	73		Interp.
	BS10Q54_VJ ¹	18.9	32.3	11.8	101		Interp.
	BS12Q54_VJ ¹	18.9	32.3	11.8	106		32
Indoor Multi Branch Selectors (VRV) Flex Series Qualified design categories: T	BSF4Q54TVJ	13.8	23.4	9.5	50		54
	BSF6Q54TVJ	23.8	23.4	9.5	73		Interp.
	BSF8Q54TVJ	23.8	23.4	9.5	84		55

1. Seismic enhancements: 1/8" steel backer plate behind each mouting ear with (2) machine screws through each mounting ear.

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



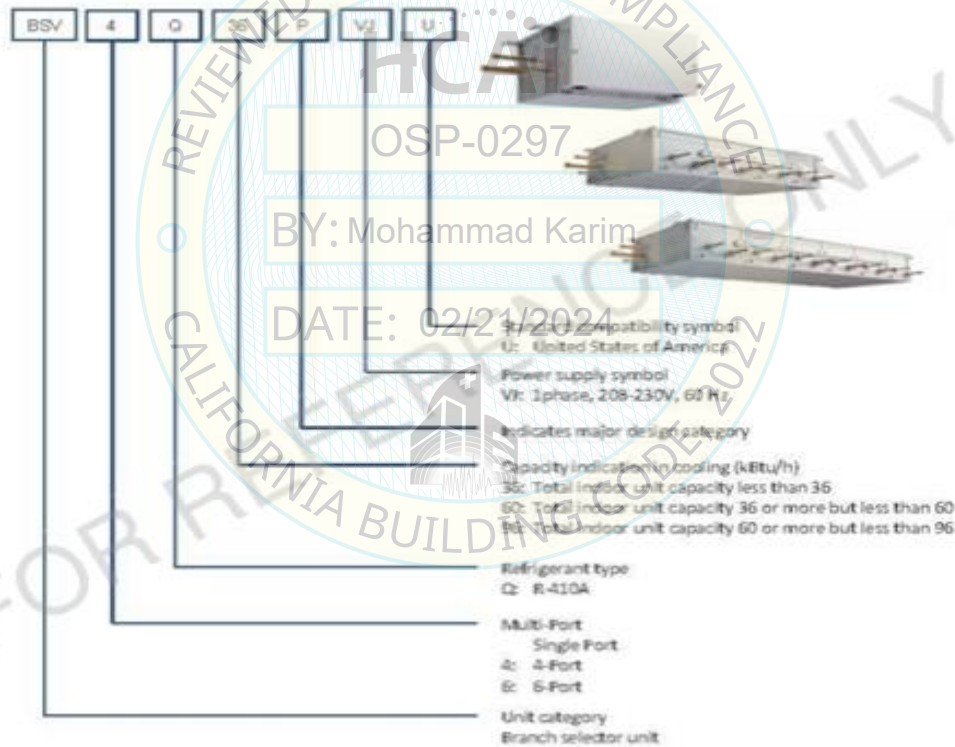
2100103-CR-001-R2

Manufacturer: Daikin North America, LLC
Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV

TABLE 4

Nomenclature: VRV III Indoor Branch Selector Units

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SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



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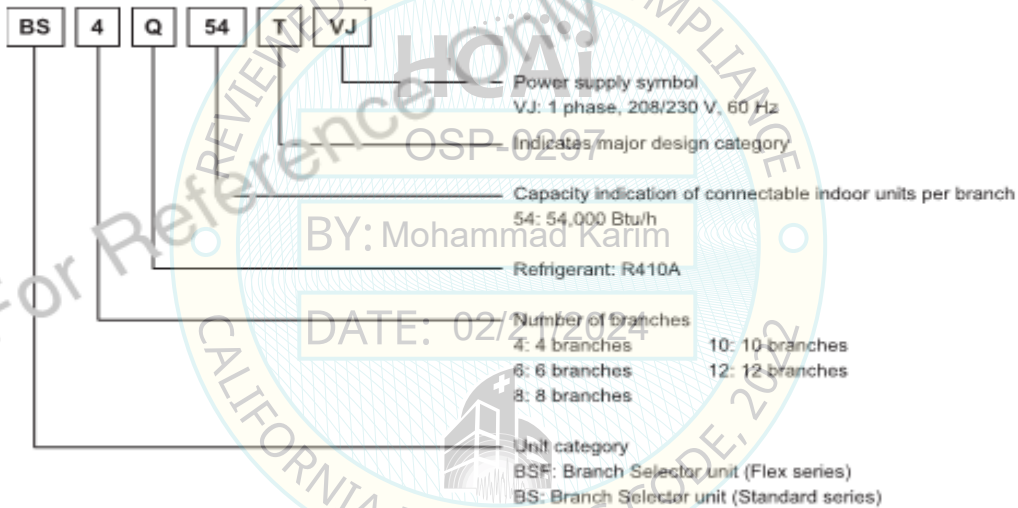
Manufacturer: Daikin North America, LLC
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV

TABLE 4

Nomenclature: VRV III Indoor Branch Selector Units

FOR REFERENCE ONLY

Multi Branch Selector unit



REVIEWED FOR CODE COMPLIANCE
 For Reference Only
 CALIFORNIA BUILDING CODE-2022
 DATE: 02/21/2024
 BY: Mohammad Karim
 OSP-0297

SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



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Manufacturer: Daikin North America, LLC	TABLE 5
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Certified Product Construction Summary:
Carbon Steel Cabinet. Seismic enhancements as indicated.

Certified Options Summary:
N/A

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

Building Code: CBC 2022 **Seismic Certification Limits:** $S_{DS} = 2.0 g$ $z/h = 1.0$ $I_p = 1.5$
 $S_{DS} = 2.5 g$ $z/h = 0.0$

Model Line	Model	Dimensions (in)			Weight (lbs.)	Notes	UUT
		Depth	Width	Height			
Air Handling Unit 9,500-60,000 BTU/hr (cooling capacity)	FXTQ09_VJU	21.0	17.5	45.0	115		40
	FXTQ12_VJU	21.0	17.5	45.0	115		Interp.
	FXTQ18_VJU	21.0	17.5	45.0	115		Interp.
	FXTQ24_VJU	21.0	17.5	45.0	115		Interp.
	FXTQ30_VJU	21.0	17.5	45.0	115		Interp.
	FXTQ36_VJU	21.0	17.5	45.0	140		Interp.
	FXTQ42_VJU	21.0	21.0	54.4	150		Interp.
	FXTQ48_VJU	21.0	21.0	54.4	150		Interp.
	FXTQ54_VJU	22.0	24.5	58.0	167		Interp.
	FXTQ60_VJU	21.0	24.5	58.0	167		41

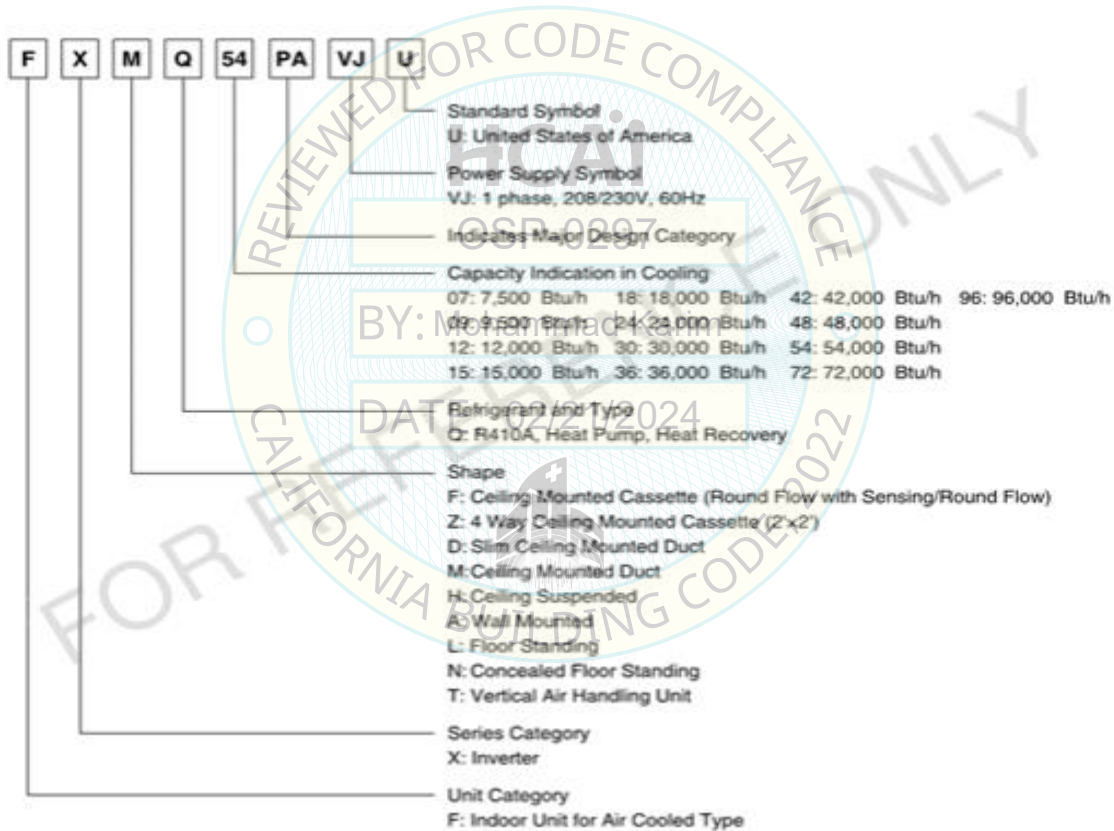
SPECIAL SEISMIC CERTIFICATION CERTIFIED COMPONENT MATRIX



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	TABLE 5
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	

Nomenclature: VRV III Indoor Branch Selector Units
FOR REFERENCE ONLY



SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

2100103-CR-001-R2



Manufacturer: Daikin North America, LLC	Table Description: Heat Pump Subcomponents	TABLE 6
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV		

Building Code: CBC 2022	Seismic Certification Limits:	$S_{DS} = 2.0 g$ $z/h = 1.0$	$I_P = 1.5$
		$S_{DS} = 2.5 g$ $z/h = 0.0$	

Component Type	Manufacturer	Model	Description	Notes	UUT
Heat Exchanger	Daikin	2P170976-3	8mm x 0.3 mm coil, Al fin, Cu tube		2
		3P287611-2	8mm x 0.3 mm coil, Al fin, Cu tube		3
		3P138067-2	7mm x 0.27 mm coil, Al fin, Cu tube		1
		7009510	7mm x 0.3mm coil, Al fin, Cu tube		27
		7009559	7mm x 0.3mm coil, Al fin, Cu tube		28
		7500019	7mm x 0.3mm coil, Al fin, Cu tube		29
		7500099	7mm x 0.3mm coil, Al fin, Cu tube		30
		6021509	7mm x 0.3mm coil, Al fin, Cu tube		37
		6019568	7mm x 0.3mm coil, Al fin, Cu tube		Interp.
		6019584	7mm x 0.3mm coil, Al fin, Cu tube		38
		3P341763-2	7mm x 0.3mm coil, Al fin, Cu tube	Used for all REYQ_XATJU and REYQ_XAYDU models	50, 51
		3P412977-1	Plate HX for vapor injection	REYQ72/96/120XATJU, REYQ72/96/120XAYDU	50
		39412975-1	Plate HX for vapor injection	REYQ151/168XATJU, REYQ151/168XAYDU	51
		5018937	18-3/4" x 4-1/2" Stainless Steel Braze Plate		39, 45
		3P379239-1	7mm x 0.24mm, 2 row, 32 stage, Cu tube	Aluminum parts	57, 58
2P626353-1	65-3/8" x 36-5/8" x 30-1/8" Al fin, Cu tube	Fins coated w/ anti-corrosion hydrophilic blue coating	53		
2P631073-1	65-3/8" x 48-13/16" x 30-1/8" Al fin, Cu tube	Fins coated w/ anti-corrosion hydrophilic blue coating	Interp.		

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

2100103-CR-001-R2



Manufacturer: Daikin North America, LLC Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV		Table Description: Heat Pump Subcomponents			TABLE 6	
Building Code: CBC 2022		Seismic Certification Limits:			$S_{DS} = 2.0 g \quad z/h = 1.0$ $S_{DS} = 2.5 g \quad z/h = 0.0$	
Component Type		Manufacturer	Model	Description	Notes	UUT
Heat Exchanger	Daikin	2P627736-1	65-3/8" x 48-13/16" x 30-1/8" Al fin, Cu tube	Fins coated w/ anti-corrosion hydrophilic blue coating	Interp.	
		2P623585-1	65-3/8" x 68-7/8" x 30-1/8" Al fin, Cu tube	Fins coated w/ anti-corrosion hydrophilic blue coating	52	
		2P701581-1			59	
		2P694191-1			60	
Scroll Compressor	Daikin	1YC23AEXD	12,000 BTU/hr, 208-230V		1	
		2YC63BXD#A	21,500 BTU/hr, 208-230V		2	
		2YC63FXD#D	36,000 BTU/hr, 208-230V		3	
		6025911	36,000 BTU/hr, 208-230V		37	
		6025930	57,000 BTU/hr, 208-230V		38	
		2YC63AAXD	220VDC, 18A, Insulation Class E		57, 58	
		5018933	151,000 BTU/hr, 208-230V Carbon Steel		39	
		JT16KADWYDN@S	144,000 BTU/hr, 460V, Carbon Steel		45	
		1873054	72,000 BTU/hr, 208-230V, Carbon Steel		27	
		7009494	72,000 BTU/hr, 208-230V, Carbon Steel		28, 30	
		7009487	96,000 BTU/hr, 460V, Carbon Steel		29	
		7009548	96,000 BTU/hr, 460V, Carbon Steel		30	
		JP035AEAXSV#T	230 V, 3-phase, 63.9 lbs.	Scroll Compressor in UUT 53 is a depopulated version of Vapor Injection Scroll Compressor in UUT 52.	Extrap.	
		JP057AEAXSV#T	230 V, 3-phase, 71.9 lbs.		53, 59	
JP035AEAYSV#T	460 V, 3-phase, 63.7 lbs.	Interp.				
JP057AEAYSV#T	460 V, 3-phase, 71.4 lbs.	Interp.				

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

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Manufacturer: Daikin North America, LLC		Table Description: Heat Pump Subcomponents			TABLE 6
Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV					
Building Code: CBC 2022		Seismic Certification Limits:			
		$S_{DS} = 2.0 g$ $z/h = 1.0$		$I_P = 1.5$	
		$S_{DS} = 2.5 g$ $z/h = 0.0$			
Component Type	Manufacturer	Model	Description	Notes	UUT
Vapor Injection Scroll Compressor	Daikin	JT160KADWTJ@T	230 V, 3-phase, 39 lbs.		50
		JT250KADWTJ@S	230 V, 3-phase, 50.6 lbs.		Interp.
		JP057AEAXMV#T	230 V, 3-phase, 72.8 lbs.		Interp.
		JT15JBVDWYR@S	460 V, 3-phase, 34.2 lbs.		Interp.
		JT25KADWYDN@S	460 V, 3-phase, 50.6 lbs.		51
		JP057AEAYMV#T	460 V, 3-phase, 72.3 lbs.		52, 60
Low Ambient Wind Baffle	Daikin	KPW937A4	Plastic		1, 2
Expansion Valve	Fujikoki	CAM-B30YGDM	Copper, SS, Resin		1, 2
	Saginomiya	UKV-25D	Copper, SS, Resin		3
Cool/Heat Selector	Daikin	BRP2A81	Plastic, Requires BRP2A81 ABC Terminal Kit		27, 28, 29, 30
Fan Motor	Daikin	6016145	Propeller Fan, 200 Watts, 208-230 V	UUT: Polyester resin tested	37
		2025036	Propeller Fan, 70 Watts, 208-230 V	UUT: Polyester resin tested	38
		5019722	23 Watts, 208-230 V	UUT: Polyester resin tested	39
		2P360713-3	800W, 208/230V		50
		2P343735-1	800W, 460V		51
		2P519551-2	650W, 208/230V	UUT: Acrylonitrile Resin Plastic	Interp.
		2P618618-1	950W, 208/230V	UUT: Acrylonitrile Resin Plastic	53
		2P557547-1	650W, 460V	UUT: Acrylonitrile Resin Plastic	Interp.
		2P618618-2	950W, 460V	UUT: Acrylonitrile Resin Plastic	52
		3F032899-45			59
		3F032899-43			60

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

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Manufacturer: Daikin North America, LLC	Table Description: Heat Pump Subcomponents	TABLE 6
Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV		

Building Code: CBC 2022	Seismic Certification Limits:	$S_{DS} = 2.0 g$ $z/h = 1.0$	$I_p = 1.5$
		$S_{DS} = 2.5 g$ $z/h = 0.0$	

Component Type	Manufacturer	Model	Description	Notes	UUT
Fan Motor	Panasonic	3SB40675-1	200W, 208-230V	UUT: Polyester resin tested	3
		1713309	Propellor Fan 500 Watts	UUT: Polyester resin tested	27
		4012512	Propellor Fan 650 Watts	UUT: Polyester resin tested	28, 30
		2219507	Propellor Fan 400 Watts	UUT: Polyester resin tested	29
		4012512	Propellor Fan 650 Watts	UUT: Polyester resin tested	28, 30
		2219507	Propellor Fan 400 Watts	UUT: Polyester resin tested	29
		D90B-37	DC375V, 128 Watts, Class E	UUT: Polyester resin tested	57, 58
	NIDEC	3SB40632-6	23W, 208-230V	UUT: Polyester resin tested	1
		3SB40622-3	60W, 208-230V	UUT: Polyester resin tested	2

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

2100103-CR-001-R2



Manufacturer: Daikin North America, LLC Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV		Table Description: Fan Coil -Wall Subcomponents			TABLE 7	
Building Code: CBC 2022		Seismic Certification Limits:			$S_{DS} = 2.0g \quad z/h = 1.0$ $S_{DS} = 2.5g \quad z/h = 0.0$	
					$I_P = 1.5$	
Component Type	Manufacturer	Model	Description	Notes	UUT	
Heat Exchanger	Daikin	3P204553-2	6.35mm x 0.3 mm coil, Al fin, Cu tube		11	
		1P287200-1	6.35mm x 0.3 mm coil, Al fin, Cu tube		13	
		2P168924-4	7mm x 0.3 mm coil, Al fin, Cu tube		12	
		2P171400-2	7mm x 0.3 mm coil, Al fin, Cu tube		14	
		2P222543-1	7mm x 0.3 mm coil, Al fin, Cu tube		15	
		1P222779-1	7mm, 2 row, 18 stage, Al fin, Cu tube		56	
Fan Motor	NIDEC	3SB40647-3	Cross Flow Fan 23W, 208-230V	UUT: Polyester resin tested	11	
		3SB40565-1	Cross Flow Fan 40W, 208-230V	UUT: Polyester resin tested	12	
		3SB40672-1	Cross Flow Fan 64W, 208-230V	UUT: Polyester resin tested	15	
	Panasonic	3SB40591-1	Cross Flow Fan 43W, 208-230V	UUT: Polyester resin tested	14	
		3SB40720-1	Cross Flow Fan 48W, 208-230V	UUT: Polyester resin tested	13	
	Daikin	KFD-325-64-8A	64W, DC325V	UUT: Unsaturated Polyester Resin	56	
Expansion Valve	Fujikoki	2SA50075-1-KU	Copper, SS, Resin		12	
		2SA50075-1-SI	Copper, SS, Resin		14	
Filter	Daikin	1700125	Plastic Mesh		11	
		1685846	Plastic Mesh		11	
		1288416	Plastic Mesh		12	
		4009476	Plastic Mesh		13	
		1380242	Plastic Mesh		14	
		4000835	Plastic Mesh		15	
Deodorizing Filter	Daikin	1843053	Plastic Mesh		11	
Photocatalytic Filter	Daikin	1843039	Photocatalytic		11	
		1840489	Photocatalytic		13, 15	

**SPECIAL SEISMIC CERTIFICATION
CERTIFIED SUBCOMPONENT MATRIX**

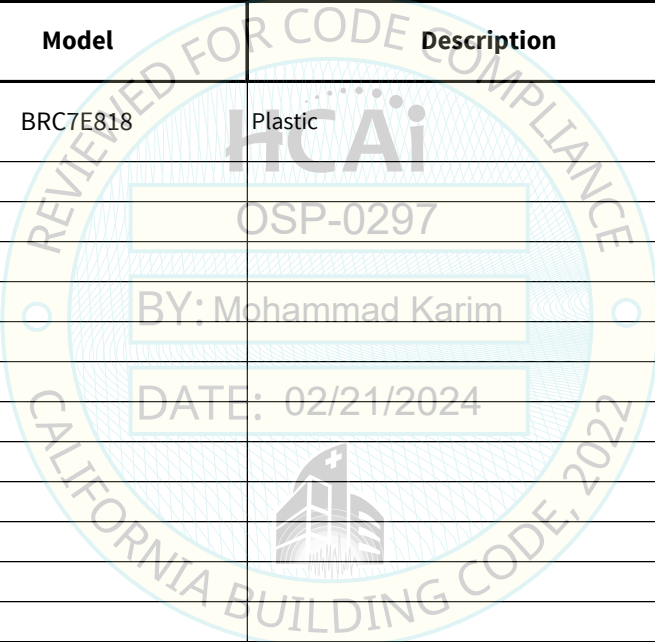
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Manufacturer: Daikin North America, LLC	Table Description: Fan Coil -Wall Subcomponents	TABLE 7
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV		

Building Code: CBC 2022	Seismic Certification Limits:	$S_{DS} = 2.0 g$ $z/h = 1.0$	$I_p = 1.5$
		$S_{DS} = 2.5 g$ $z/h = 0.0$	

Component Type	Manufacturer	Model	Description	Notes	UUT
Individual Zone Controller	Daikin	BRC7E818	Plastic		12, 14



SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

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Manufacturer: Daikin North America, LLC	Table Description: Fan Coil -Ceiling Subcomponents	TABLE 8
Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV		

Building Code: CBC 2022	Seismic Certification Limits:	$S_{DS} = 2.0g$ $z/h = 1.0$	$I_P = 1.5$
		$S_{DS} = 2.5g$ $z/h = 0.0$	

Component Type	Manufacturer	Model	Description	Notes	UUT
Heat Exchanger	AFREX	2PN05185-3	7mm x 0.3 mm coil, Al fin, Cu tube		16
	Daikin	2PN05189-3	7mm x 0.3 mm coil, Al fin, Cu tube		17
		2P231854-1	7mm x 0.3 mm coil, Al fin, Cu tube		18
		2P231856-1	7mm x 0.3 mm coil, Al fin, Cu tube		19
		3P290389-1	7mm x 0.3 mm coil, Al fin, Cu tube		20
		3P288941-1	7mm x 0.3 mm coil, Al fin, Cu tube		21
		3P288942-1	7mm x 0.3 mm coil, Al fin, Cu tube		22
		CRB-FXYMP224M	8mm x 0.3 mm coil, Al fin, Cu tube		23
		CRB-FXYMP280M	8mm x 0.3 mm coil, Al fin, Cu tube		24
		2273936	7mm x 0.3 mm coil, Al fin, Cu tube		33
		2110770	7mm x 0.3 mm coil, Al fin, Cu tube		Interp.
		1993035	7mm x 0.3 mm coil, Al fin, Cu tube		Interp.
		2218100	7mm x 0.3 mm coil, Al fin, Cu tube		Interp.
		1993042	7mm x 0.3 mm coil, Al fin, Cu tube		Interp.
		1993059	7mm x 0.3 mm coil, Al fin, Cu tube		Interp.
		2110763	7mm x 0.3 mm coil, Al fin, Cu tube		Interp.
		1993028	7mm x 0.3 mm coil, Al fin, Cu tube		35
		2110756	7mm x 0.3 mm coil, Al fin, Cu tube		42
		5011000	3/8" x 1/8", Cu Tube, Al fin	FXZQ05/07/09TAVJU	48
		5011004	3/8" x 1/8", Cu Tube, Al fin	FXZQ12/15TAVJU	Interp.
5011003	3/8" x 1/8", Cu Tube, Al fin	FXZQ18TAVJU	49		
2397793	3/8" x 1/8", Cu Tube, Al fin	FXSQ05/07/09TAVJU	46		
2397801	3/8" x 1/8", Cu Tube, Al fin	FXSQ12TAVJU	Interp.		

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

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Manufacturer: Daikin North America, LLC Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV		Table Description: Fan Coil -Ceiling Subcomponents			TABLE 8	
Building Code: CBC 2022		Seismic Certification Limits:			$S_{DS} = 2.0g \quad z/h = 1.0$ $S_{DS} = 2.5g \quad z/h = 0.0$	
					$I_p = 1.5$	
Component Type	Manufacturer	Model	Description	Notes	UUT	
Heat Exchanger	Daikin	2397856	3/8" x 1/8", Cu Tube, Al fin	FXSQ15TAVJU	Interp.	
		2397870	3/8" x 1/8", Cu Tube, Al fin	FXSQ18TAVJU	Interp.	
		2397887	3/8" x 1/8", Cu Tube, Al fin	FXSQ24TAVJU	Interp.	
		2397863	3/8" x 1/8", Cu Tube, Al fin	FXSQ30TAVJU	Interp.	
		2397919	3/8" x 1/8", Cu Tube, Al fin	FXSQ36TAVJU	Interp.	
		2397902	3/8" x 1/8", Cu Tube, Al fin	FXSQ48TAVJU	Interp.	
		2397933	3/8" x 1/8", Cu Tube, Al fin	FXSQ54TAVJU	47	
Expansion Valve	Daikin	2108342	Pulse motor electronic expansion valve	FXZQ05/07/09TAVJU	48	
		2108359	Pulse motor electronic expansion valve	FXZQ12/15TAVJU	Interp.	
		2110073	Pulse motor electronic expansion valve	FXZQ18TAVJU	49	
		4015738	Pulse motor electronic expansion valve	FXSQ05/07/09TAVJU	46	
		4015739	Pulse motor electronic expansion valve	FXSQ12/15TAVJU	Interp.	
		2214021	Pulse motor electronic expansion valve	FXSQ18/24TAVJU	Interp.	
		4018537	Pulse motor electronic expansion valve	FXSQ30TAVJU	Interp.	
		4018534	Pulse motor electronic expansion valve	FXSQ36/48TAVJU	Interp.	
		2371955	Pulse motor electronic expansion valve	FXSQ54TAVJU	47	
Fan Assembly	Sirocco	2397818	Galvanized Steel	FXSQ05/07/09/12TAVJU	46	
		2P383156-2	Galvanized Steel	FXSQ15TAVJU	Interp.	
		2P383155-2	Galvanized Steel	FXSQ18/24/30TAVJU	Interp.	
		2P383154-2	Galvanized Steel	FXSQ36/48TAVJU	Interp.	
		2P394978-1	Galvanized Steel	FXSQ54TAVJU	47	
Turbo Fan Rotor	Sirocco	5011010	Molded polymer, 12" Ø		48, 49	
Fan Motor	Panasonic	5011038	50W		48, 49	

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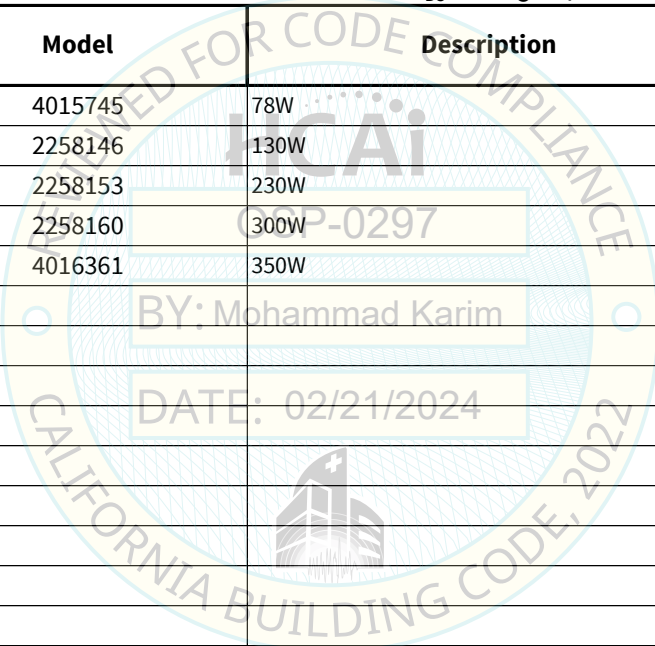
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SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

2100103-CR-001-R2



Manufacturer: Daikin North America, LLC		Table Description: Fan Coil -Ceiling Subcomponents			TABLE 8
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV					
Building Code: CBC 2022		Seismic Certification Limits:		$I_p = 1.5$	
		$S_{DS} = 2.0 g \quad z/h = 1.0$			
		$S_{DS} = 2.5 g \quad z/h = 0.0$			
Component Type	Manufacturer	Model	Description	Notes	UUT
Fan Motor	Panasonic	4015745	78W	FXSQ05/07/09/12TAVJU	46
		2258146	130W	FXSQ15TAVJU	Interp.
		2258153	230W	FXSQ18/24/30TAVJU	Interp.
		2258160	300W	FXSQ36/48TAVJU	Interp.
		4016361	350W	FXSQ54TAVJU	47



SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

2100103-CR-001-R2



Manufacturer: Daikin North America, LLC	Table Description: Branch Subcomponents	TABLE 9
Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV		

Building Code: CBC 2022	Seismic Certification Limits:	$S_{DS} = 2.0 g$ $z/h = 1.0$	$I_p = 1.5$
		$S_{DS} = 2.5 g$ $z/h = 0.0$	

Component Type	Manufacturer	Model	Description	Notes	UUT
Valve	Daikin	1801408	Body/Motor Operated Valve, Copper		25
		1801390	Body/Motor Operated Valve, Copper		25
		1801415	Body/Motor Operated Valve, Copper		25
		1801299	Coil/Motor Operated Valve, Copper		25
		1801282	Coil/Motor Operated Valve, Copper		25
		1801275	Coil/Motor Operated Valve, Copper		25
		1801268	Coil/Motor Operated Valve, Copper		25
		1801251	Coil/Motor Operated Valve, Copper		25
		1939738	Coil/Motor Operated Valve (Main Discharge), Copper		26
		1939745	Coil/Motor Operated Valve (Main Suction), Copper		26
		1939752	Coil/Motor Operated Valve (Sub Cool), Copper		26
		1939769	Coil/Motor Operated Valve (Sub Discharge), Copper		26
		1939776	Coil/Motor Operated Valve (Sub Suction), Copper		26
		2271194	Coil/Electronic Exp. Valve, Copper		31, 32
		2227476	Coil/Electronic Exp. Valve Assy., Copper		31, 32
		2227515	Coil/Electronic Exp. Valve Assy., Copper		31, 32
2271202	Coil/Electronic Exp. Valve, Copper		31, 32		
2227469	Coil/Electronic Exp. Valve Assy., Copper		31, 32		

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SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

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Manufacturer: Daikin North America, LLC Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV		Table Description: Branch Subcomponents			TABLE 9	
Building Code: CBC 2022		Seismic Certification Limits:			$S_{DS} = 2.0 g \quad z/h = 1.0$ $S_{DS} = 2.5 g \quad z/h = 0.0$	
					$I_p = 1.5$	
Component Type	Manufacturer	Model	Description	Notes	UUT	
Valve	Daikin	2227508	Coil/Electronic Exp. Valve Assy., Copper		31, 32	
		2271219	Coil/Electronic Exp. Valve, Copper		31, 32	
		2227452	Coil/Electronic Exp. Valve Assy., Copper		31, 32	
		2227490	Coil/Electronic Exp. Valve Assy., Copper		31, 32	
		2271226	Coil/Electronic Exp. Valve, Copper		31, 32	
		2227445	Coil/Electronic Exp. Valve Assy., Copper		31, 32	
		2227483	Coil/Electronic Exp. Valve Assy., Copper		31, 32	
	Fujikoki	3S500038-1	EEV Body			54
		3S500039-1	EEV Body			Interp.
		3S500040-1	EEV Body			55
		3P363865-1	EEV Coil			54
		3P363865-2	EEV Coil			Interp.
		3P389855-1	EEV Coil			Interp.
		3P389855-2	EEV Coil			Interp.
		3P389855-3	EEV Coil			Interp.
3P389855-4	EEV Coil			55		

SPECIAL SEISMIC CERTIFICATION CERTIFIED SUBCOMPONENT MATRIX

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Manufacturer: Daikin North America, LLC	Table Description: Multi Position AHU Subcomponents	TABLE 10
Model Line: Split System, Quaternary, SkyAir, VRV-S, VRV		

Building Code: CBC 2022	Seismic Certification Limits:	$S_{DS} = 2.0g$ $z/h = 1.0$	$I_P = 1.5$
		$S_{DS} = 2.5g$ $z/h = 0.0$	

Component Type	Manufacturer	Model	Description	Notes	UUT
Heat Exchanger	Daikin	0270A01156	3/8" x 1/8", Al Tube, Al fin	FXTQ09	40
		0270A01157	3/8" x 1/8", Al Tube, Al fin	FXTQ12	Interp.
		0270A01159	3/8" x 1/8", Al Tube, Al fin	FXTQ18	Interp.
		0270A01160	3/8" x 1/8", Al Tube, Al fin	FXTQ24	Interp.
		0270A01161	3/8" x 1/8", Al Tube, Al fin	FXTQ30	Interp.
		0270A01162	3/8" x 1/8", Al Tube, Al fin	FXTQ36	Interp.
		0270A01196	3/8" x 1/8", Al Tube, Al fin	FXTQ42	Interp.
		0270A01197	3/8" x 1/8", Al Tube, Al fin	FXTQ48	Interp.
		0270A01206	3/8" x 1/8", Al Tube, Al fin	FXTQ54, 60 - tested in FXTQ60	41
Fan Motor	Daikin	0131M00270	1/2 Hp, Serial ECM	FXTQ09-36	40
		0131M00271	3/4 Hp, Serial ECM	FXTQ42-48	Interp.
		0131M00272	1 Hp, Serial ECM	FXTQ54	Interp.
				FXTQ60	41
Blower Assembly	Daikin	0271A00299	9 x 6", Galvanized Steel	FXTQ09-36, tested in FXTQ09	40
		0271A00029	10 x 8", Galvanized Steel	FXTQ42,48	Interp.
		0271A00206	10 x 8", Galvanized Steel	FXTQ54,60 - tested in FXTQ60	41
Expansion Valve	Daikin	3S500048-1	Pulse motor electronic expansion valve	FXTQ09	40
		3S500049-1		FXTQ12	Interp.
		3S500050-1		FXTQ18	Interp.
		3S500051-1		FXTQ24	Interp.
		3S500052-1		FXTQ30	Interp.
		3S500053-1		FXTQ36, 42	Interp.
		3S500054-1		FXTQ54, 60 - tested in FXTQ60	41

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC								
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV								
UUT	Unit Description (mounting)	Report Number (UUT#)	Testing Lab	Year Tested	ISO 17025 Accredited?	S _{DS}	z/h	I _p
1	RXS09LVJU (Base mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.87	1.0	1.5
2	RXS24LVJU (Base mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.98	1.0	1.5
3	RXS36LVJU (Base mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.98	1.0	1.5
4-10	NOT USED							
11	FTXG09HVJU (Wall mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.95	1.0	1.5
12	FXAQ09PVJU (Wall mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.92	1.0	1.5
13	FTXS24LVJU (Wall mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.90	1.0	1.5
14	FAQ18PVJU (Wall mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.98	1.0	1.5
15	FTXS36LVJU (Wall mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.92	1.0	1.5
16	FXHQ12MVJU (Ceiling mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.98	1.0	1.5
17	FHQ42MVJU (Ceiling mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	3.05	1.0	1.5
18	FXFQ09PVJU (Ceiling mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.92	1.0	1.5
19	FXFQ48PVJU (Ceiling mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.95	1.0	1.5
20	FXMQ12PVJU (Ceiling mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.92	1.0	1.5
21	FXMQ18PVJU (Ceiling mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.90	1.0	1.5
22	FXMQ48PVJU (Ceiling mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.98	1.0	1.5

Notes:
1. QualTech-NP by Curtiss Wright was not ISO 17025 accredited at the time of testing but has been reviewed by TRU Compliance and found to meet the requirements for ICC-ES AC156 testing. Review form is on file with TRU Compliance.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV								
UUT	Unit Description (mounting)	Report Number (UUT#)	Testing Lab	Year Tested	ISO 17025 Accredited?	S _{DS}	z/h	I _p
23	FXMQ48MFVJU (Ceiling mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.98	1.0	1.5
24	FXMQ96MVJU (Ceiling mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.92	1.0	1.5
25	BSVQ36PVJU (Ceiling mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.98	1.0	1.5
26	BSV6Q36PVJU (Ceiling mounted - rigid)	Q1222.0, Rev 0	QualTech NP	2012	No	2.95	1.0	1.5
27	RXYQ72TTJU (Base mounted - rigid)	JID 15-1054, Rev 0	Clark Testing	2016	Yes	2.50	1.0	1.5
28	RXYQ168TYDN (Base mounted - rigid)	JID 15-1054, Rev 0	Clark Testing	2016	Yes	2.00 2.50	1.0 0.0	1.5
29	REYQ72TTJU (Base mounted - rigid)	JID 15-1054, Rev 0	Clark Testing	2016	Yes	2.50	1.0	1.5
30	REYQ168TYDN (Base mounted - rigid)	JID 15-1054, Rev 0	Clark Testing	2016	Yes	2.00 2.50	1.0 0.0	1.5
31	BS4Q54TVJ (Ceiling mounted - rigid)	JID 15-1054, Rev 0	Clark Testing	2016	Yes	2.00 2.50	1.0 0.0	1.5
32	BS12Q54TVJ (Ceiling mounted - rigid)	JID 15-1054, Rev 0	Clark Testing	2016	Yes	2.00 2.50	1.0 0.0	1.5
33	FXUQ18PVJU (Ceiling mounted - rigid)	JID 15-1054, Rev 0	Clark Testing	2016	Yes	2.00 2.50	1.0 0.0	1.5
34	NOT USED							
35	FXFQ07TVJU (Ceiling mounted - rigid)	JID 15-1054, Rev 0	Clark Testing	2016	Yes	2.00 2.50	1.0 0.0	1.5
36	NOT USED							
37	RXTQ36TAVJU, (Base mounted - rigid)	14662, Rev. 3	Environment Testing Lab (ETL)	2017	Yes	2.00 2.50	1.0 0.0	1.5
38	RXTQ60TAVJU, (Base mounted - rigid)	14662, Rev. 3	Environment Testing Lab (ETL)	2017	Yes	2.00 2.50	1.0 0.0	1.5

Notes:

1. QualTech-NP by Curtiss Wright was not ISO 17025 accredited at the time of testing but has been reviewed by TRU Compliance and found to meet the requirements for ICC-ES AC156 testing. Review form is on file with TRU Compliance.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV								
UUT	Unit Description (mounting)	Report Number (UUT#)	Testing Lab	Year Tested	ISO 17025 Accredited?	S _{DS}	z/h	I _p
39	RWEQ96TATJU, (Base mounted - rigid)	14662, Rev. 3	Environment Testing Lab (ETL)	2017	Yes	2.00 2.50	1.0 0.0	1.5
40	FXTQ09TAVJU, (Base mounted - rigid)	14662, Rev. 3	Environment Testing Lab (ETL)	2017	Yes	2.00 2.50	1.0 0.0	1.5
41	FXTQ60TAVJU, (Base mounted - rigid)	14662, Rev. 3	Environment Testing Lab (ETL)	2017	Yes	2.00 2.50	1.0 0.0	1.5
42	FXUQ36PVJU (Ceiling mounted - rigid)	14662, Rev. 3	Environment Testing Lab (ETL)	2017	Yes	2.00 2.50	1.0 0.0	1.5
43, 44	NOT USED							
45	RWQE144TAYDU (Base mounted - rigid)	15215, Rev.1	Environment Testing Lab (ETL)	2019	Yes	2.00 2.50	1.0 0.0	1.5
46	FXSQ07TAVJU (Ceiling mounted - rigid)	15215, Rev.1	Environment Testing Lab (ETL)	2019	Yes	2.00 2.50	1.0 0.0	1.5
47	FXSQ54TAVJU (Ceiling mounted - rigid)	15215, Rev.1	Environment Testing Lab (ETL)	2019	Yes	2.00 2.50	1.0 0.0	1.5
48	FXZQ09TAVJU (Ceiling mounted - rigid)	15215, Rev.1	Environment Testing Lab (ETL)	2019	Yes	2.00 2.50	1.0 0.0	1.5
49	FXZQ18TAVJU (Ceiling mounted - rigid)	15215, Rev.1	Environment Testing Lab (ETL)	2019	Yes	2.00 2.50	1.0 0.0	1.5
50	REYQ72XATJU (Base mounted - rigid)	15215, Rev.1	Environment Testing Lab (ETL)	2019	Yes	2.00 2.50	1.0 0.0	1.5
51	REYQ144XATJU (Base mounted - rigid)	15215, Rev.1	Environment Testing Lab (ETL)	2019	Yes	2.00 2.50	1.0 0.0	1.5
52	REQ240AAYDA (Base mounted - rigid)	2100103-TR-001	Environment Testing Lab (ETL)	2022	Yes	2.00 2.50	1.0 0.0	1.5
53	REYQ72AATJA (Base mounted - rigid)	2100103-TR-001	Environment Testing Lab (ETL)	2022	Yes	2.00 2.50	1.0 0.0	1.5
54	BSF4Q54TVJ (Ceiling mounted - rigid)	2100103-TR-001	Environment Testing Lab (ETL)	2022	Yes	2.00 2.50	1.0 0.0	1.5
55	BSF8Q54TVJ (Ceiling mounted - rigid)	2100103-TR-001	Environment Testing Lab (ETL)	2022	Yes	2.00 2.50	1.0 0.0	1.5
56	FTX36NVJU (Wall mounted - rigid)	2100103-TR-001	Environment Testing Lab (ETL)	2022	Yes	2.00 2.50	1.0 0.0	1.5
57	RK36NMVJUA (Base mounted - rigid)	2100103-TR-001	Environment Testing Lab (ETL)	2022	Yes	2.00 2.50	1.0 0.0	1.5
58	RX36NMVJUA (Base mounted - rigid)	2100103-TR-001	Environment Testing Lab (ETL)	2022	Yes	2.00 2.50	1.0 0.0	1.5
Notes:								

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	<h2>UUT 1</h2>
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: RXS09LVJU	
Serial Number: N/A	
Test Report: Q1222.0, Rev 0	

UUT Properties

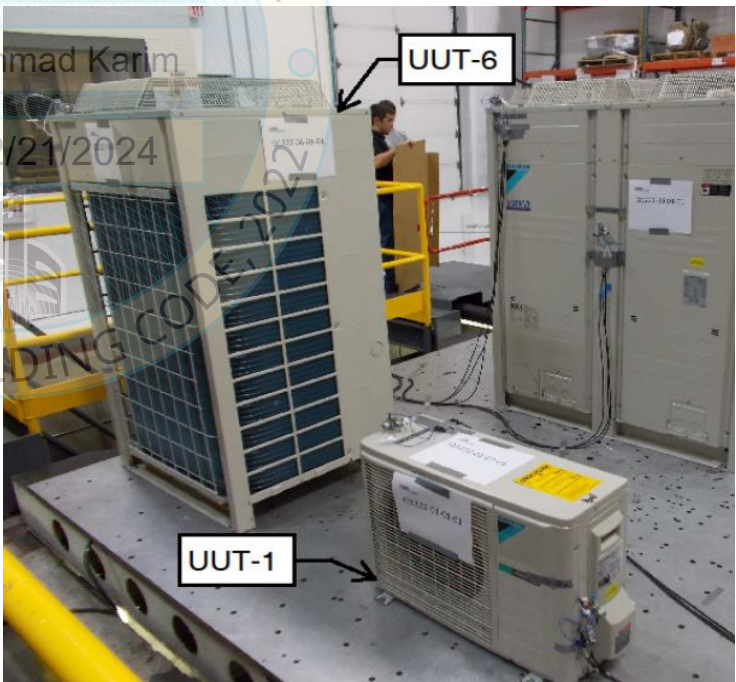
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
75	11.8	33.5	21.5	29.5	>33.3	14.6

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 2022	ICC-ES AC156	2.87	1.0	1.5	4.59	3.44	1.91	0.77

Product Construction Summary:	Test Mounting Details:
Heat Pump: Carbon steel enclosure with four (4) cable ties grille to unit frame	

Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	3P138067-2
Scroll Compressor	Daikin	1YC23AEXD
Fan Motor	Nidec	3SB40632-6
Low Ambient Wind Baffle	Daikin	KPW937A4
Expansion Valve	Fujikoki	CAM-B30YGDM
Printed Circuit Board: Main	Daikin	4009626
Printed Circuit Board: Filter	Daikin	4009359



UUT1 was base mounted - rigid using four (4) 3/8"Ø A307 bolts and washers.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

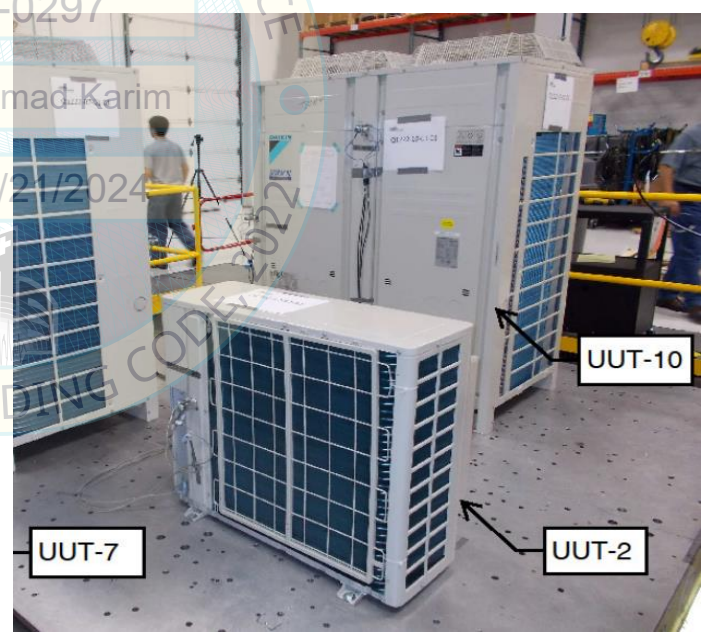
Manufacturer: Daikin North America, LLC		<h2>UUT 2</h2>
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV		
Model Number: RXS24LVJU		
Serial Number: N/A		
		Test Report: Q1222.0, Rev 0

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
158	11.5	29.5	14.3	12.2	6.6	14.6

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 2022	ICC-ES AC156	2.98	1.0	1.5	4.77	3.58	1.99	0.79

Product Construction Summary:	Test Mounting Details:
Heat Pump: Carbon steel enclosure with four (4) cable ties grille to unit frame	

Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	2P170976-3
Scroll Compressor	Daikin	2YC63BXD#A
Fan Motor	Nidec	3SB40622-3
Low Ambient Wind Baffle	Daikin	KPW937A4
Expansion Valve	Fujikoki	CAM-B30YGDM
Printed Circuit Board: Main	Daikin	4009630
Printed Circuit Board: Filter	Daikin	1688256



UUT2 was base mounted - rigid using four (4) 1/2"Ø A307 bolts and washers.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 3
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: RXS36LVJU	
Serial Number: N/A	
Test Report: Q1222.0, Rev 0	

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
181	14.0	37.0	39.3	11.5	6.6	14.6

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 2022	ICC-ES AC156	2.98	1.0	1.5	4.77	3.58	1.99	0.79

Product Construction Summary:

Heat Pump: Carbon steel enclosure with (4) cable ties grille to unit frame

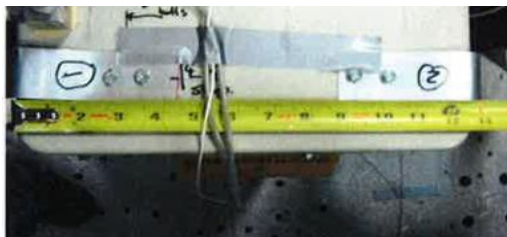
Test Mounting Details:



Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	3P287611-2
Scroll Compressor	Daikin	2YC63FXD#D
Fan Motor	Panasonic	3SB40675-1
Expansion Valve	Saginomiya	UKV-25D
Printed Circuit Board: Main	Daikin	4009635

Mounting Details



UUT3 was base mounted - rigid using four (4) 1/2"Ø A307 bolts & four (4) 1/16"x1-1/2" aluminum straps were secured approximately 30° relative to vertical surface of the unit with two (2) #10 SMS to unit & 1/4"Ø bolt to table

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 11
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: FTXG09HVJU	
Serial Number: N/A	
Test Report: Q1222.0, Rev 0	

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
29	8.5	35.0	12.0	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.95	1.0	1.5	4.72	3.54	1.97	0.79	

Product Construction Summary: Indoor Fan Coil (wall mounted) enclosure constructed of plastic	Test Mounting Details:
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Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	3P204553-2
Fan Motor	Nidec	3SB40647-3
Filter	Daikin	1700125
		1685846
Deodorizing Filter	Daikin	1843053
Photocatalytic Filter	Daikin	1843039
Printed Circuit Board: Printed Circuit Assy(Photo/Display)	Daikin	1840054
Printed Circuit Board: Pyroelectric Passive Infrared Sensor	Daikin	1840061
Printed Circuit Board: Main	Daikin	4009433



UUT11 was wall mounted - rigid using four (4) 3/8"Ø A307 bolts & one (1) #6-32 screw & one (1) #10-32 screw
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC		<h2>UUT 12</h2>
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV		
Model Number: FTXG09HVJU		
Serial Number: N/A	Test Report: Q1222.0, Rev 0	

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
25	9.3	31.0	11.5	N/A	N/A	N/A

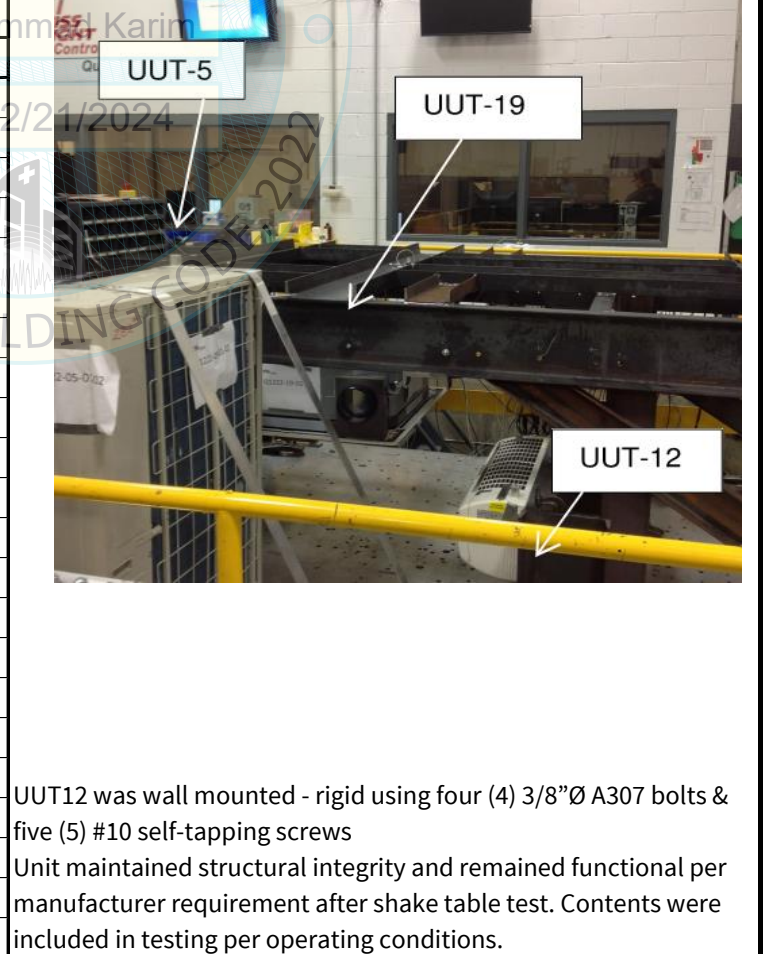
UUT Highest Passed Seismic Run Information								
Building Code	Test Criteria	S _{DS} (g)	z/h	I _P	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2022	ICC-ES AC156	2.92	1.0	1.5	4.67	3.50	1.95	0.78

Product Construction Summary: Indoor Fan Coil (wall mounted) enclosure constructed of plastic

Test Mounting Details:

Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	2P168924-4
Fan Motor	Nidec	3SB40565-1
Expansion Valve	Fujikoki	2SA50075-1-KU
Filter	Daikin	1288416
Individual Zone Controller	Daikin	BRC7E818
Printed Circuit Board: Main	Daikin	4008765
		4005831



UUT12 was wall mounted - rigid using four (4) 3/8"Ø A307 bolts & five (5) #10 self-tapping screws
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET




2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 13
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: FTXS24LVJU	
Serial Number: N/A	
Test Report: Q1222.0, Rev 0	

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
32	9.8	40.8	13.4	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.90	1.0	1.5	4.64	3.48	1.93	0.77

Product Construction Summary: Indoor Fan Coil (wall mounted) enclosure constructed of plastic	Test Mounting Details: 
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Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	1P287200-1
Fan Motor	Panasonic	3SB40720-1
Filter	Daikin	4009476
Photocatalytic Filter	Daikin	1840489
Printed Circuit Board: Printed Circuit Assy (Photo/Display)	Daikin	4000843
Printed Circuit Board: Printed Circuit Assy (Infrared Sensor)	Daikin	4000844
Printed Circuit Board: Main	Daikin	4009491

UUT13 was wall mounted - rigid using four (4) 3/8"Ø A307 bolts & one (1) #10-32 screw
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer:	Daikin North America, LLC	UUT 14
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	FAQ18PVJU	
Serial Number:	N/A	
Test Report:		Q1222.0, Rev 0

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
31	8.5	41.1	11.5	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.98	1.0	1.5	4.77	3.58	1.99	0.79

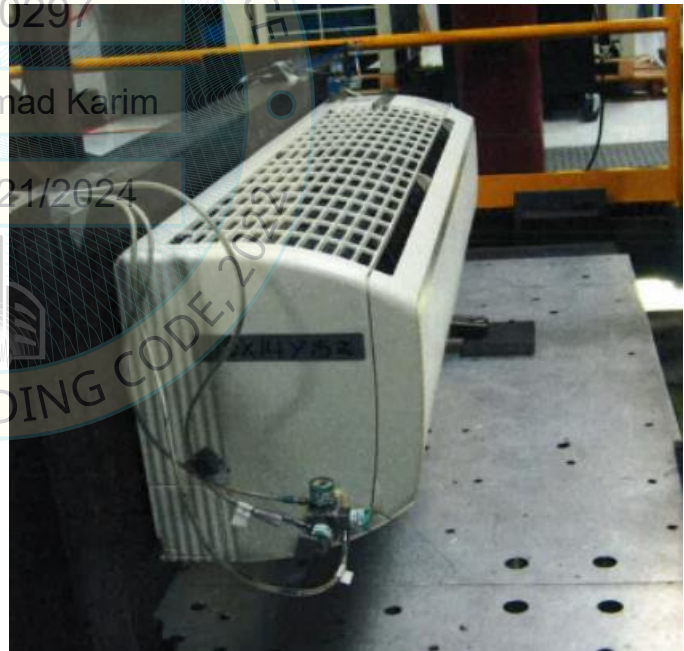
Product Construction Summary: **Test Mounting Details:**

Indoor Fan Coil (wall mounted) enclosure constructed of plastic

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Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	2P171400-2
Fan Motor	Panasonic	3SB40591-1
Expansion Valve	Fujikoki	2SA50075-1-SI
Filter	Daikin	1380242
Individual Zone Controller	Daikin	BRC7E818
Printed Circuit Board: Main	Daikin	1884472



UUT14 was wall mounted - rigid using four (4) 3/8"Ø A307 bolts
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET

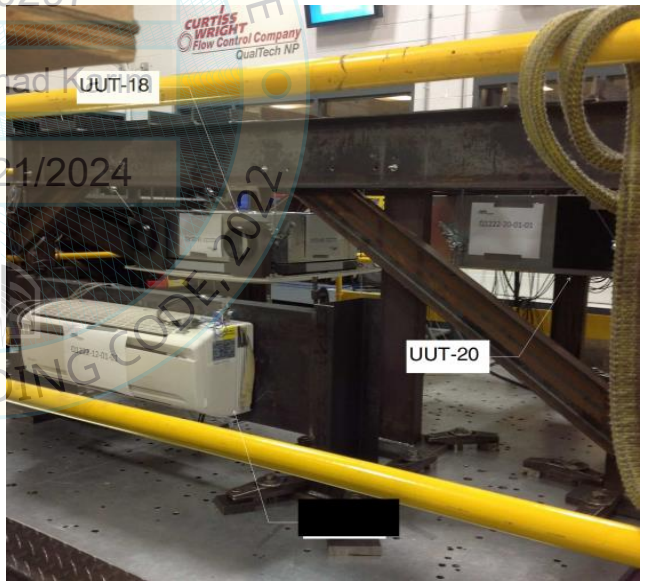


2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 18
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: FXFQ09PVJU	
Serial Number: N/A	
Test Report: Q1222.0, Rev 0	

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
70	33.0	33.0	9.5	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.92	1.0	1.5	4.67	3.50	1.95	0.78	

Product Construction Summary: Indoor Fan Coil (ceiling mounted) enclosure constructed of plastic. Plastic enclosure with 6-#10 SMS at each mounting ear (24 total) & #10 SMS in grille latch	Test Mounting Details: 
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Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	2P231854-1
Fan	Panasonic	3P173872-1
Expansion Valve	Saginomiya	3SA50093-1
Group Control Adaptor	Daikin	KRP4A74
Installation Box for Adapter PCB	Daikin	KRP1H98
Wiring Adapter PCB (requires KRP1H98 for FXFQ_PVJU)	Daikin	KRP1C75
Fresh Air Intake Kit with T Pipe	Daikin	KDDP55B160K
Filter & Kit	Daikin	DACA-FQP13-1K
Printed Circuit Board: Main	Daikin	2034193

UUT18 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners with 1/2" washers & nuts above and below mounting ears & eight (8) 1/8" Ø diagonal cable braces w/ Mason SCB-1 clips at each end. The supports and bracings are attached to the top of the unit.

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 19
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: FXFQ48PVJU	
Serial Number: N/A	
Test Report: Q1222.0, Rev 0	

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
82	33.0	33.0	11.4	N/A	N/A	N/A

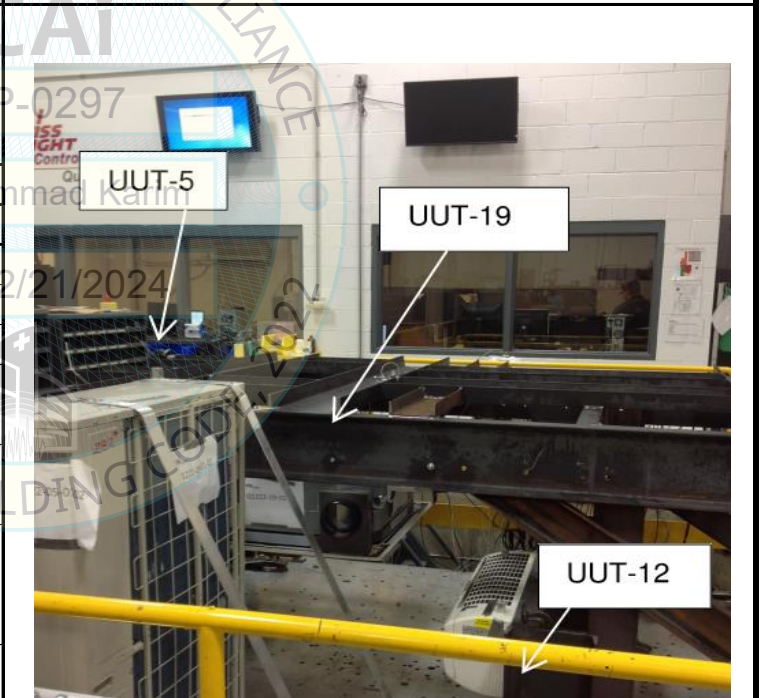
UUT Highest Passed Seismic Run Information

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 2022	ICC-ES AC156	2.95	1.0	1.5	4.72	3.54	1.97	0.79

Product Construction Summary: Indoor Fan Coil (ceiling mounted) enclosure constructed of plastic. Plastic enclosure with 6-#10 SMS at each mounting ear (24 total) & #10 SMS in grille latch

Test Mounting Details:

Indoor Fan Coil (ceiling mounted) enclosure constructed of plastic. Plastic enclosure with 6-#10 SMS at each mounting ear (24 total) & #10 SMS in grille latch



Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	2P231856-1
Fan	Panasonic	3P173873-1
Expansion Valve	Saginomiya	3SA50095-1
Group Control Adaptor	Daikin	KRP4A74
Installation Box for Adapter PCB	Daikin	KRP1H98
Wiring Adapter PCB (requires KRP1H98 for FXFQ_PVJU)	Daikin	KRP1C75
Fresh Air Intake Kit with T Pipe	Daikin	KDDP55B160K
Filter & Kit	Daikin	DACA-FQP13-1K
Printed Circuit Board: Main	Daikin	2034193

UUT19 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners with 1/2" washers and nuts above and below mounting ears & eight (8) 1/8" diagonal cable braces w/ Mason SCB-1 clips at each end. The supports and bracings are attached to the top of the unit.

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET




2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 20
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: FXMQ12PVJU	
Serial Number: N/A	
Test Report: Q1222.0, Rev 0	

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
67	25.0	30.0	12.0	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.92	1.0	1.5	4.67	3.50	1.95	0.78	

Product Construction Summary: Indoor Fan Coil (ceiling mounted) enclosure constructed of plastic	Test Mounting Details: 
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Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	3P290389-1
Fan	Nidec	3P229859-1
Expansion Valve	Fujikoki	2SA50046-1-KE
Group Control Adaptor PCB	Daikin	KRP4A71
Wiring Adapter PCB	Daikin	KRP1C74
Mounting Plate for Accessory PCB	Daikin	KRP4A96
Filter Kit (Throwaway Type)	Daikin	DACA-FXMQ12-13-1K
Printed Circuit Board: Main	Daikin	4006121
Printed Circuit Board: Printed Circuit Assy. (Fan)	Daikin	4006122

UUT20 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners & eight (8) 1/8" Ø diag. cable braces w/ Mason SCB-1 clips at each end. The supports and bracings are attached to the top of the unit.

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 21
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: FXMQ18PVJU	
Serial Number: N/A	
Test Report: Q1222.0, Rev 0	

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
99	30.0	42.5	12.0	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.90	1.0	1.5	4.64	3.48	1.93	0.77	

Product Construction Summary: Indoor Fan Coil (ceiling mounted) enclosure constructed of plastic	Test Mounting Details:
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Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	3P288941-1
Fan	Panasonic	3P259061-2
Expansion Valve	Fujikoki	2SA50046-1-SU
Group Control Adaptor PCB	Daikin	KRP4A71
Wiring Adapter PCB	Daikin	KRP1C74
Mounting Plate for Accessory PCB	Daikin	KRP4A96
Filter Kit (Throwaway Type)	Daikin	DACA-FXMQ12-13-1K
Printed Circuit Board: Main	Daikin	4006121
Printed Circuit Board: Printed Circuit Assy. (Inverter)	Daikin	2007595
Printed Circuit Board: Printed Circuit Assy	Daikin	1863862



UUT21 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners & eight (8) 1/8" Ø diag. cable braces w/ Mason SCB-1 clips at each end. The supports and bracings are attached to the middle of the unit.

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 22
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: FXMQ48PVJU	
Serial Number: N/A	
Test Report: Q1222.0, Rev 0	

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
128	30.0	58.5	12.0	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.98	1.0	1.5	4.77	3.58	1.99	0.79

Product Construction Summary: Indoor Fan Coil (ceiling mounted) enclosure constructed of plastic	Test Mounting Details:
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Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	3P288942-1
Fan	Panasonic	3P204674-2
Expansion Valve	Fujikoki	2SA50046-2-KA
Group Control Adaptor PCB	Daikin	KRP4A71
Wiring Adapter PCB	Daikin	KRP1C74
Mounting Plate for Accessory PCB	Daikin	KRP4A96
Filter Kit (Throwaway Type)	Daikin	DACA-FXMQ12-13-1K
Printed Circuit Board: Main	Daikin	4006121
Printed Circuit Board: Printed Circuit Assy. (Inverter)	Daikin	2007588
Printed Circuit Board: Printed Circuit Assy	Daikin	1863862



UUT22 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners & eight (8) 1/8" Ø diag. cable braces w/ Mason SCB-1 clips at each end. The supports and bracings are attached to the bottom of the unit.

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 28
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: RXYQ168TYDN	
Serial Number: 1510119528	
Test Report: JID 15-1054, Rev 0	

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
702	30.2	48.9	66.7	4.5	6.8	>33.3

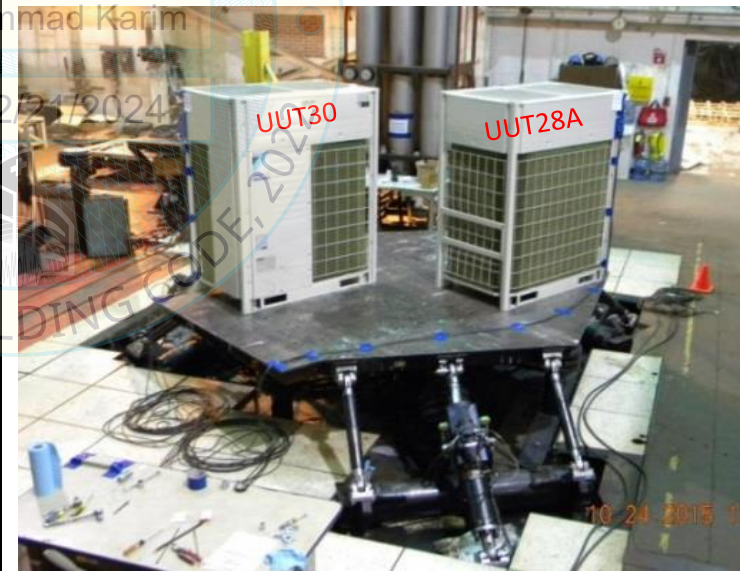
UUT Highest Passed Seismic Run Information

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary: Heat Pump: Carbon steel enclosure with seismic enhancements: (3) #10 self tapping screws in each foot (12 total)	Test Mounting Details:
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Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	7009559
Scroll Compressor	Daikin	7009494
Fan Motor	Panasonic	4012512
Cool/Heat Selector	Daikin	BRP2A81



UUT28 was base mounted - rigid using four (4) 3/8"Ø A307 bolts
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer:	Daikin North America, LLC	UUT 31
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	BS4Q54TVJ	
Serial Number:	A001008	
Test Report:		JID 15-1054, Rev 0

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
48	18.9	14.6	11.8	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:
Branch Selector: Carbon steel enclosure with seismic enhancements: Additional (4) #10 self tapping screws in each mounting ear connection

Test Mounting Details:



Options/Subcomponent Summary:

Description	Mfr.	Part Number
Coil/Electronic Expansion Valves	Daikin	2271194
		2271202
		2271219
		2271226
Coil/Electronic Expansion Valves Assembly	Daikin	2227476
		2227515
		2227469
		2227508
		2227452
		2227490
		2227445
2227483		



UUT31 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners & four (4) 1/8" Ø diag. cable braces w/ Mason SCB-1 clips at each end. The supports and bracings are attached to the top of the unit.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

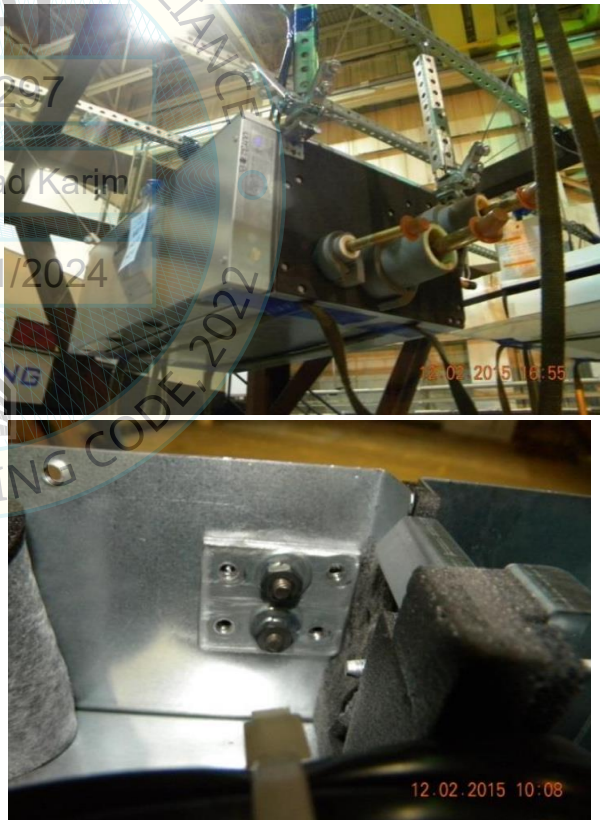
Manufacturer: Daikin North America, LLC	UUT 32
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: BS12Q54TVJ	
Serial Number: A000140	
Test Report: JID 15-1054, Rev 0	

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
104	18.9	32.3	11.8	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary: Branch Selector: Carbon steel enclosure with seismic enhancements: 1/8" steel backer plate behind each mounting ear with (2) machine screws through each mounting ear.	Test Mounting Details:
--	-------------------------------

Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Coil/Electronic Expansion Valves	Daikin	2271194
		2271202
		2271219
		2271226
Coil/Electronic Expansion Valves Assembly	Daikin	2227476
		2227515
		2227469
		2227508
		2227452
		2227490
		2227445
2227483		



UUT32 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners & eight (8) 1/8" Ø diag. cable braces w/ Mason SCB-1 clips at each end. The supports and bracings are attached to the top of the unit.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC			<h2>UUT 35</h2>		
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV					
Model Number: FXFQ07TVJU					
Serial Number: C000406					
			Test Report: JID 15-1054, Rev 0		

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
54	33.1	33.1	9.7	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:

Indoor Fan Coil (ceiling mounted): plastic and carbon steel enclosure with seismic upgrades: Eight (8) #10 SMS in each mounting ear. Four (4) cable tie (shipped with unit) chains, each with two links, between decoration panel cover latches and through mounting ear. Two (2) strips of heavy duty Velcro® tape 1" x 2" at each corner cover (eight total).

Test Mounting Details:



Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	1993028
Fan Motor	Panasonic	1993105



UUT33 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners & four (4) 1/8" Ø diag. cable braces w/ Mason SCB-1 clips at each end. The supports and bracings are attached to the top of the unit.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 37
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: RXTQ36TAVJU	
Serial Number: F000419	
Test Report: 14662, Rev. 3	

UUT Properties

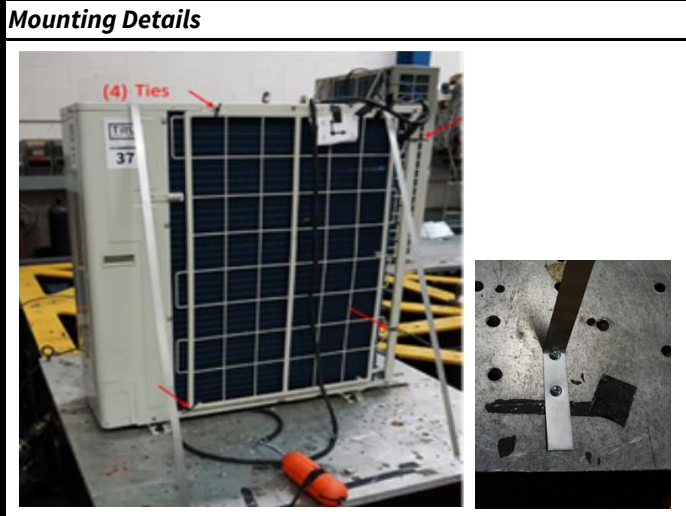
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
176	12.6	37.0	39.0	13.21	12.10	>33.33

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary: Heat Pump: Carbon steel enclosure with (4) cable ties grille to unit frame	Test Mounting Details:
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Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	6021509
Scroll Compressor	Daikin	6025911
Fan Motor	Daikin	6016145



In addition to (4) 1/2" Grade 5 bolts used at the mounting feet, UUT37 was also secured to the shake table with stainless-steel strapping. Two (2) stainless steel straps (3/4" wide and 0.02" thick) were secured approximately 30° relative to vertical surface of the unit to the shake table with two (2) #10-16 X1/2" Phillips Pan Head Zinc Finish Screws at each end of the strapping. The strapping was affixed to the top of the test unit with two (2) #10-16 X1/2" Phillips Pan Head Zinc Finish Screws.

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 38
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: RXTQ60TAVJU	
Serial Number: F001523	
Test Report: 14662, Rev. 3	

UUT Properties

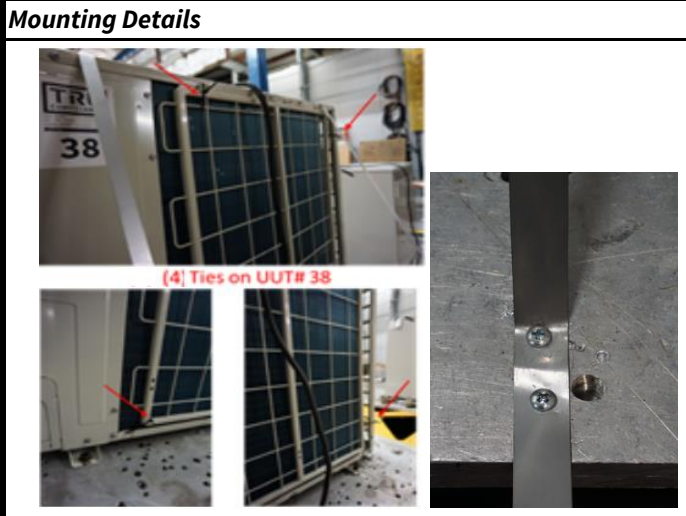
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
222	12.6	35.4	52.9	>33.33	10.97	>33.33

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary: Heat Pump: Carbon steel enclosure with (4) cable ties grille to unit frame	Test Mounting Details: 
--	--

Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	6019584
Scroll Compressor	Daikin	6025930
Fan Motor	Daikin	2025036



In addition to (4) 1/2" Grade 5 bolts used at the mounting feet, UUT38 was also secured to the shake table with stainless-steel strapping. Two (2) stainless steel straps (3/4" wide and 0.02" thick) were secured approximately 30° relative to vertical surface of the unit to the shake table with two (2) #10-16 X1/2" Phillips Pan Head Zinc Finish Screws at each end of the strapping. The strapping was affixed to the top of the test unit with two (2) #10-16 X1/2" Phillips Pan Head Zinc Finish Screws.

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 39
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: RWEQ96TATJU	
Serial Number: 1700004	
Test Report: JID 15-1054, Rev 0	

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
439	22.2	30.2	38.6	10.25	8.80	20.52

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary: Outdoor Water Cooled Heat Recovery: Carbon steel cabinet	Test Mounting Details:
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Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	5018937
Scroll Compressor	Daikin	5018933
Fan Motor	Daikin	5019722



UUT39 was base mounted - rigid using four (4) 5/8" Grade 5 bolts and washers.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 40
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: FXTQ09TAVJU	
Serial Number: 1702209059	
Test Report: 14662, Rev. 3	

UUT Properties

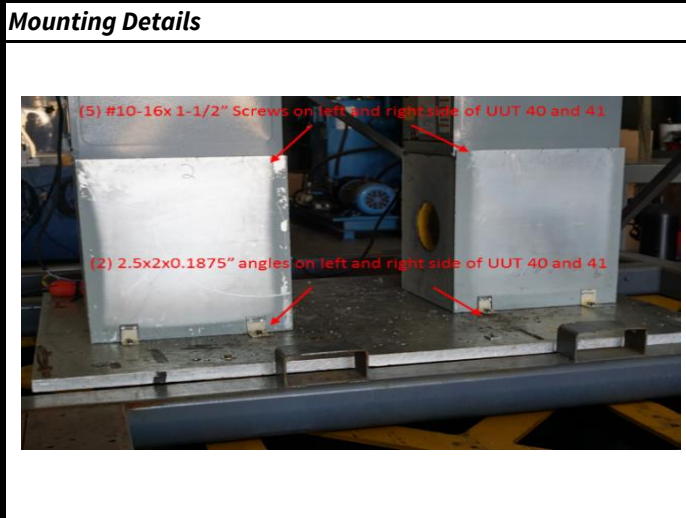
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
95	21.0	17.5	45.0	10.68	10.65	11.1

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary: Air Handling Unit: Carbon steel enclosure mounted to plenum box.	Test Mounting Details:
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Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	0270A01156
Fan Motor	Daikin	0131M00270
Blower Assembly	Daikin	0271A00299
Expansion Valve	Daikin	3S500048-1



UUT40 was base mounted - rigid on plenum boxes. The plenum box was constructed of 10-gauge carbon steel. UUT40's plenum box dimensions are as follows: 21.25" x 18.5" x 25.12" with a weight 80.5 lbs. UUT40 was secured to the plenum box with (5) #10-16 x 1-1/2" screws on both the right and left side at the junction of the AHU and plenum box. The AHU/plenum box was secured to the shake table with steel angles. Two L2.5x2x3/16 LLV, each side w/ (2) #10-16 x 1-1/2" screws w/ integral washer through slotted hole to unit and 3/8" Grade 5 bolt w/ washer and lock washer to table. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2


Manufacturer:	Daikin North America, LLC	UUT 41
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	FXTQ60TAVJU	
Serial Number:	1710220821	
Test Report:		14662, Rev. 3

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
147	21.0	24.5	58.0	8.83	12.45	27.63

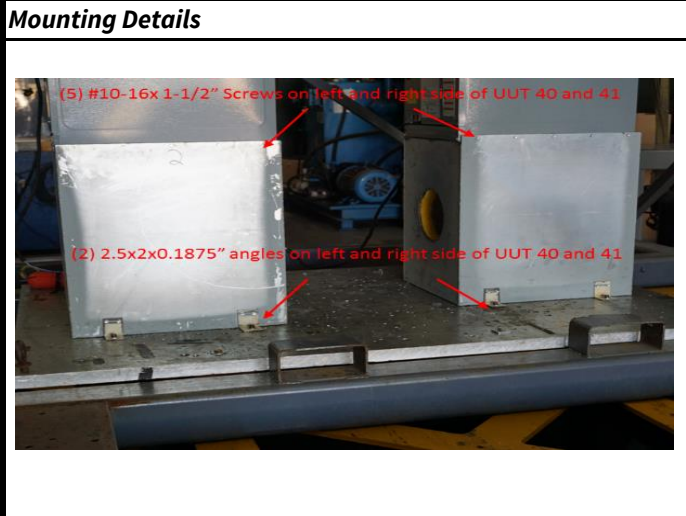
UUT Highest Passed Seismic Run Information

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:	Test Mounting Details:
Air Handling Unit: Carbon steel enclosure mounted to plenum box.	

Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	0270A01206
Fan Motor	Daikin	0131M00272
Blower Assembly	Daikin	0271A00206
Expansion Valve	Daikin	3S500054-1



UUT41 was mounted on plenum boxes. The plenum box was constructed of 10-gauge carbon steel. UUT41's plenum box dimensions are as follows: 21.25" x 25.5" x 25.12" with a weight 98.0 lbs. UUT41 was secured to their respective plenum boxes with (5) #10 -16 x 1-1/2" screws on both the right and left side at the junction of the AHU and plenum box. The AHU/plenum box was secured to the shake table with steel angles. Two L2.5x2x3/16 LLV, each side w/ (2) #10-16 x 1-1/2" screws w/ integral washer through slotted hole to unit and 3/8" Grade 5 bolt w/ washer and lock washer to table.

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 42
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: FXUQ36PVJU	
Serial Number: C000618	
Test Report: JID 15-1054, Rev 0	

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
61	37.4	37.4	7.8	N/A	N/A	N/A

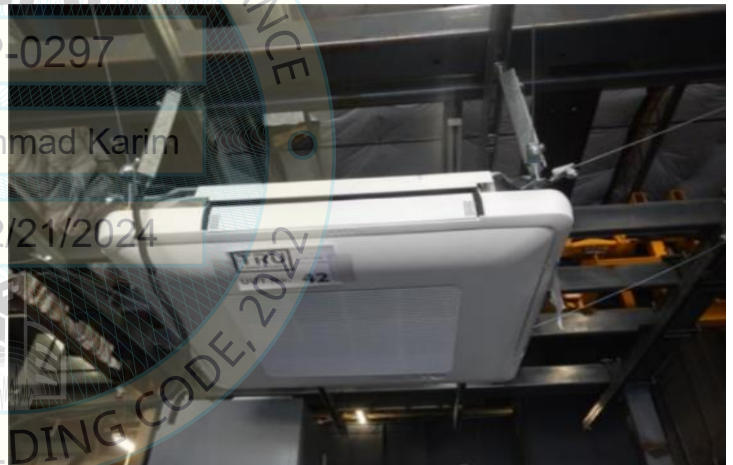
UUT Highest Passed Seismic Run Information

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:

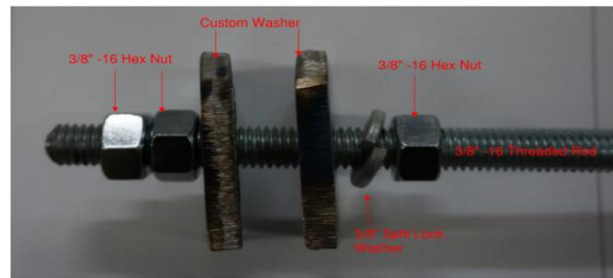
Indoor Fan Coil (ceiling mounted): Plastic and carbon steel enclosure with seismic upgrades: Heavy duty square washers (1.6" x 1.3 x 0.2") were used at top and bottom of mounting bracket. S-Shape hooks on four (4) internal wires, used to secure outer cover attachment to unit, were crimped closed to secure cover to unit.

Test Mounting Details:

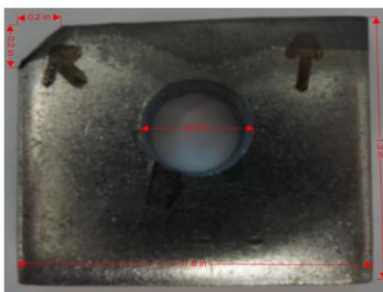


Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	2110756
Fan Motor	Panasonic	QTS48D11M



Mounting Details



UUT42 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners & eight (8) 3/32" Ø diag. cable braces w/ Mason SCB-0/SCBH-0 clips at each end. . The supports and bracings are attached to the top of the unit. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2


Manufacturer:	Daikin North America, LLC	UUT 45
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	RWQEQ144TAYDU	
Serial Number:	1800331	
Test Report:		15215, Rev. 1

UUT Properties


Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
451	22.1	30.1	38.6	7.36	9.40	27.37

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:	Test Mounting Details:
Outdoor Water Cooled Heat Recovery: Carbon steel enclosure	

Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	5018937
Scroll Compressor	Daikin	JT16KADWYDN@S

Mounting Details	<p>UUT45 was base mounted - rigid using four (4) 5/8" Grade 8 bolts with lock and flat washers.</p> <p>Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.</p>
	

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer:	Daikin North America, LLC	UUT 46
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	FXSQ07TAVJU	
Serial Number:	E000654	
Test Report:		15215, Rev. 1

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
51	31.5	21.7	9.7	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:

Indoor Fan Coil (ceiling mounted): Carbon steel enclosure

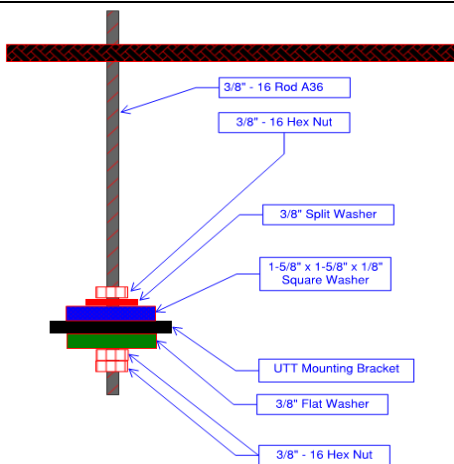
Test Mounting Details:



Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	2397793
Expansion Valve	Daikin	4015738
Fan Assembly	Sirocco	2397818
Fan Motor	Panasonic	4015745

Mounting Details



Six (6) #12 - 3/4" self tapping screws added to the four (4) mounting ears on the unit.

UUT46 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners & eight (8) 3/32" Ø diag. cable braces w/ Mason SCB-0/SCBH-0 clips at each end. Six (6) #12 - 3/4" self tapping screw were added to each mounting ear. The supports and bracings are attached to the top of the unit. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer:	Daikin North America, LLC	UUT 47
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	FXSQ54TAVJU	
Serial Number:	E000181	
Test Report:		15215, Rev. 1

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
111	31.5	61.0	9.7	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:

Indoor Fan Coil (ceiling mounted): Carbon steel enclosure

Test Mounting Details:

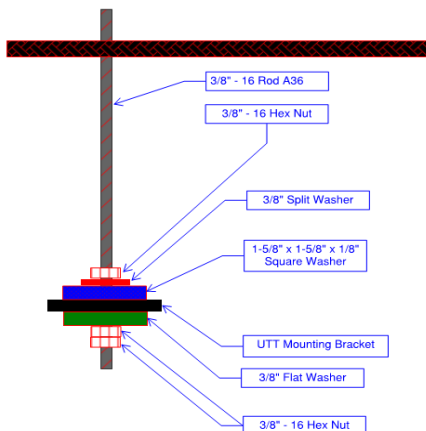


Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	2397933
Expansion Valve	Daikin	2371955
Fan Assembly	Sirocco	2P394978-1
Fan Motor	Panasonic	4016361

Six (6) #12 -3/4" self tapping screws added to the four (4) mounting ears on the unit.

Mounting Details



Single #12-3/4" self tapping screw added to Ebox.

UUT47 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners & eight (8) 3/32" Ø diag. cable braces w/ Mason SCB-0/SCBH-0 clips at each end. Six (6) #12 - 3/4" self tapping screw were added to each mounting ear. One additional #12- 3/4" self tapping screw was added to the ebox. The supports and bracings are attached to the top of the unit. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2


Manufacturer:	Daikin North America, LLC	UUT 48
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	FXZW09TAVJU	
Serial Number:	J002344	
Test Report:		15215, Rev. 1

UUT Properties

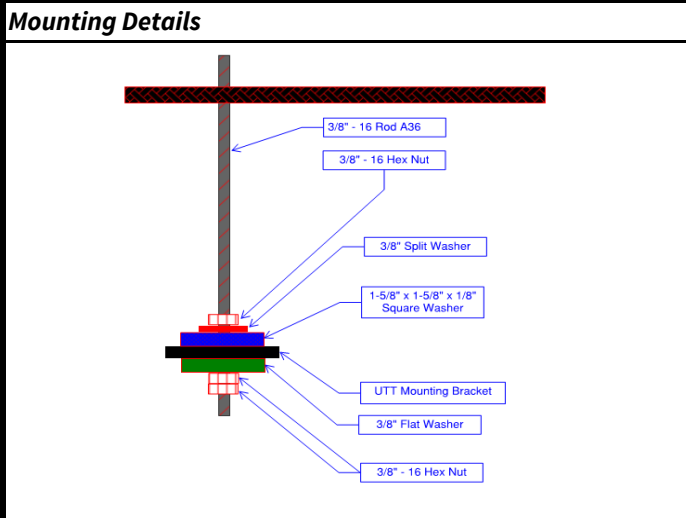
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
42	21.6	21.6	10.3	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:	Test Mounting Details:
Indoor Fan Coil (ceiling mounted): Carbon steel enclosure and plastic decorative panel	

Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	5011000
Expansion Valve	Daikin	2108342
Turbo Fan Rotor	Sirocco	5011010
Fan Motor	Panasonic	5011038



UUT48 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners & eight (8) 3/32" Ø diag. cable braces w/ Mason SCB-0/SCBH-0 clips at each end. Six (6) #12 - 3/4" self tapping screw were added to each mounting ear. One additional #12- 3/4" self tapping screw was added to the Ebox. See next page for details. The supports and bracings are attached to the top of the unit.

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were

UNIT UNDER TEST (UUT) SUMMARY SHEET



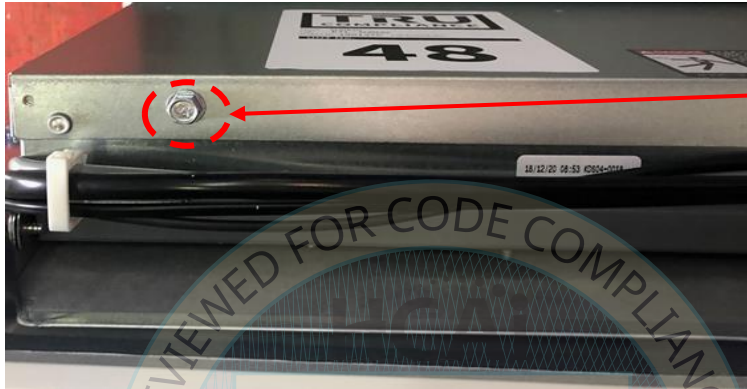
2100103-CR-001-R2

Manufacturer: Daikin North America, LLC
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV
Model Number: FXZW09TAVJU
Serial Number: J002344

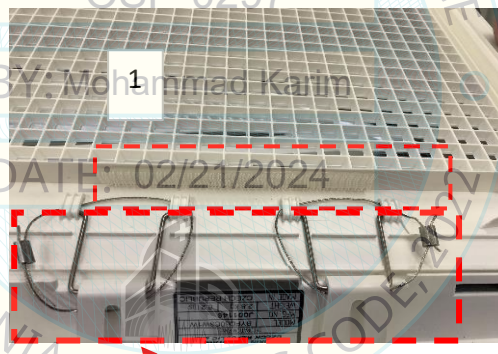
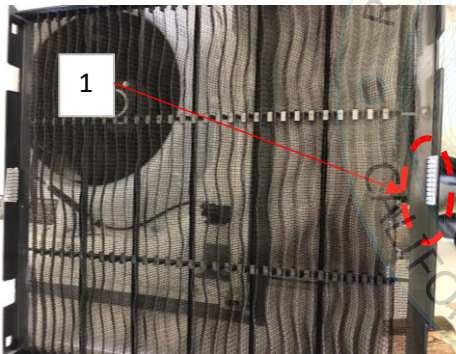
UUT 48

Test Report: 15215, Rev. 1

Modification Details:



Single #12-3/4" self tapping screw added to Ebox



1. 3M Dual Lock Velcro used to secure filter.
2. Stainless steel hanging wire, 50lb, and 1/16" ferrule used to secure each hinge.

2

#18-1" sheet metal screw added to outside of filter door



UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer:	Daikin North America, LLC	UUT 49
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	FXAQ18TAVJU	
Serial Number:	J002138	
Test Report:		15215, Rev. 1

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
46	21.6	21.6	10.3	N/A	N/A	N/A

UUT Highest Passed Seismic Run Information

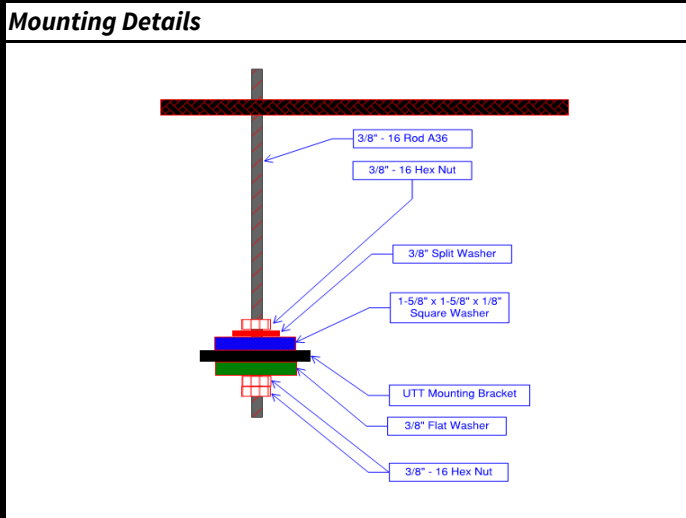
Building Code	Test Criteria	S _{DS} (g)	z/h	I _p	A _{FLX-H} (g)	A _{RIG-H} (g)	A _{FLX-V} (g)	A _{RIG-V} (g)
CBC 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:
Indoor Fan Coil (ceiling mounted): Carbon steel enclosure and plastic decorative panel

Test Mounting Details:

Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	5011003
Expansion Valve	Daikin	2110073
Turbo Fan Rotor	Sirocco	5011010
Fan Motor	Panasonic	5011038



UUT49 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners & eight (8) 3/32" Ø diag. cable braces w/ Mason SCB-0/SCBH-0 clips at each end. Six (6) #12 - 3/4" self tapping screw were added to each mounting ear. One additional #12 - 3/4" self tapping screw was added to the Ebox. See next page for details. The supports and bracings are attached to the top of the unit.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were

UNIT UNDER TEST (UUT) SUMMARY SHEET

2100103-CR-001-R2



Manufacturer: Daikin North America, LLC
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV
Model Number: FXAQ18TAVJU
Serial Number: J002138

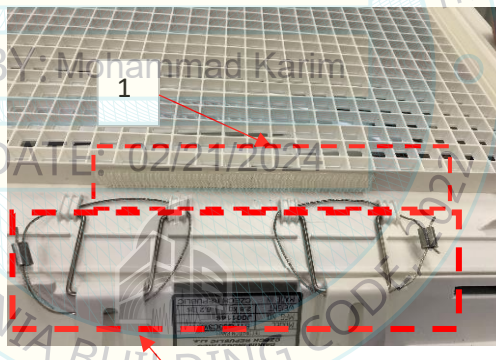
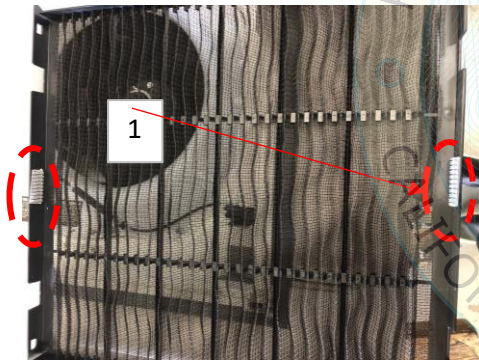
UUT 49

Test Report: 15215, Rev. 1

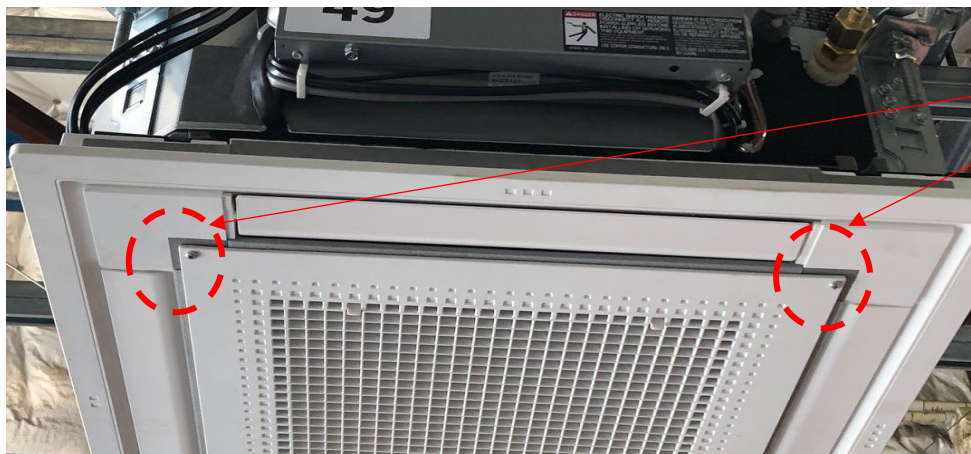
Modification Details:



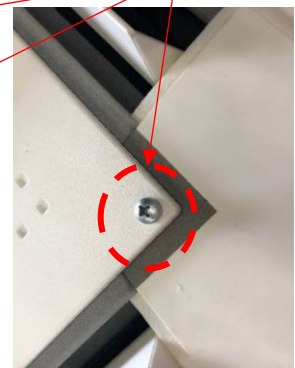
Single #12-3/4" self tapping screw added to Ebox



1. 3M Dual Lock Velcro used to secure filter.
2. Stainless steel hanging wire, 50lb, and 1/16" ferrule used to secure each hinge.



#18-1" sheet metal screw added to outside of filter door



UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2


Manufacturer:	Daikin North America, LLC	UUT 50
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	REYQ72XATJU	
Serial Number:	999999999-2	
Test Report:		15215, Rev. 1

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
714	30.2	48.9	66.7	3.43	7.22	14.10

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:	Test Mounting Details:
Outdoor Heat Recovery: Carbon steel enclosure	


Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	3P341763-2
		3P412977-1
Vapor Injection Scroll Compressor	Daikin	JT160KADWTJ@T
Fan Motor	Daikin	2P360713-3

Mounting Details



Three #12 3/4" Self Tapping Screws



1/2" -13 Grade 8 Bolt

UUT50 was base mounted - rigid using four (4) 1/2"-13 Grade 8 bolts with lock and flat washer. Three (3) #12 3/4" self tapping screws were added at each foot.

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2


Manufacturer:	Daikin North America, LLC	UUT 51
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	REYQ168XATDU	
Serial Number:	999999999-2	
Test Report:		15215, Rev. 1

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
785	30.2	48.9	66.7	3.48	5.71	>33.33


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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					


Product Construction Summary:	Test Mounting Details:
Outdoor Heat Recovery: Carbon steel enclosure	

Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	3P341763-2 39412975-1
Vapor Injection Scroll Compressor	Daikin	JT25KADWYDN@S
Fan Motor	Daikin	2P343735-1

Mounting Details



Three #12 3/4" Self Tapping Screws



1/2" -13 Grade 8 Bolt

UUT51 was base mounted - rigid using four (4) 1/2-13 Grade 8 bolts with lock and flat washer. Three (3) #12 3/4" self tapping screws were added at each foot.

Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 52
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: REYQ240AAYDA	
Serial Number: MT20007	
Test Report: 2100103-TR-001	

UUT Properties

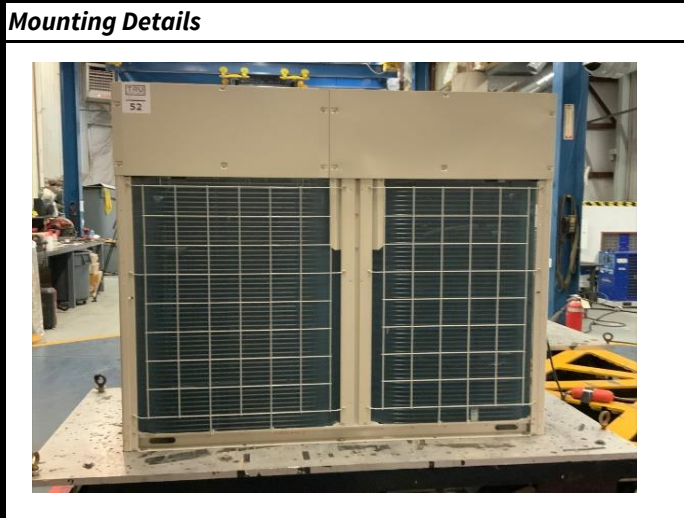
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
1,002	30.5	67.0	65.4	4.16	30.36	12.83

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary: Outdoor Heat Recovery: Carbon steel enclosure	Test Mounting Details:
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Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	2P623585-1
Vapor Injection Scroll Compressor	Daikin	JP057AEAYMV#T
Fan Motor	Daikin	2P618618-2



UUT52 was base mounted - rigid using six (6) 1/2" - 8 Grade hex-head bolts, washers, and lock washers
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET




2100103-CR-001-R2

Manufacturer:	Daikin North America, LLC	UUT 53
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	REYQ72AATJA	
Serial Number:	N/A	
Test Report:		2100103-TR-001

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
554	30.5	36.6	65.4	5.17	8.54	>33.33

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:	Test Mounting Details:
Outdoor Heat Recovery: Carbon steel enclosure	

Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	2P626353-1
Scroll Compressor	Daikin	JP057AEAXSV#T
Fan Motor	Daikin	2P618618-1

UUT53 was base mounted - rigid using six (6) 1/2" - 8 Grade hex-head bolts, washers, and lock washers. Used center wind slots. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2


Manufacturer:	Daikin North America, LLC	UUT 54
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	BSF4Q54TVJ	
Serial Number:	A00026	
Test Report:		2100103-TR-001

UUT Properties

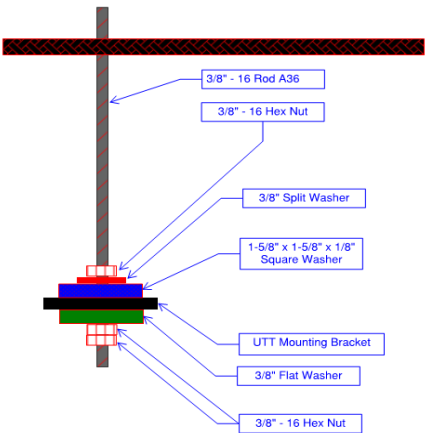
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
50	13.8	23.4	9.5	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:	Test Mounting Details:
Branch Selector: Carbon steel enclosure	

Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Valve (EEV Body)	Fujikoki	3S500038-1
Valve (EEV Coil)	Fujikoki	3P363865-1

<p>Mounting Details</p> 	<p>UUT54 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners & four (4) 3/32" Ø diag. cable braces w/ Mason SCB-0/SCBH-0 clips at each end. Washers at mounting were square plate washers. The supports and bracings are attached to the top of the unit.</p> <p>Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.</p>
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UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2


Manufacturer:	Daikin North America, LLC	UUT 55
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	BSF8Q54TVJ	
Serial Number:	A001054	
Test Report:		2100103-TR-001

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
84	23.8	24.0	9.5	N/A	N/A	N/A

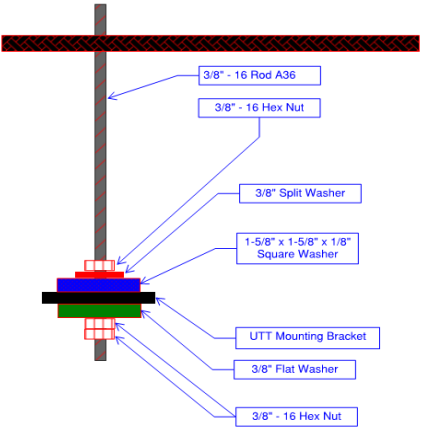
UUT Highest Passed Seismic Run Information

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:	Test Mounting Details:
Branch Selector: Carbon steel enclosure	

Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Valve (EEV Body)	Fujikoki	3S500040-1
Valve (EEV Coil)	Fujikoki	3P389855-4

Mounting Details



UUT55 was ceiling mounted - rigid using four (4) 3/8"Ø A36 hanger rods w/ rod stiffeners & eight (8) 3/32" Ø diag. cable braces w/ Mason SCB-0/SCBH-0 clips at each end. Washers used for mounting were square plate washers. The supports and bracings are attached to the top of the unit. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 56
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: FTX36NVJU	
Serial Number: E035579	
Test Report: 2100103-TR-001	

UUT Properties

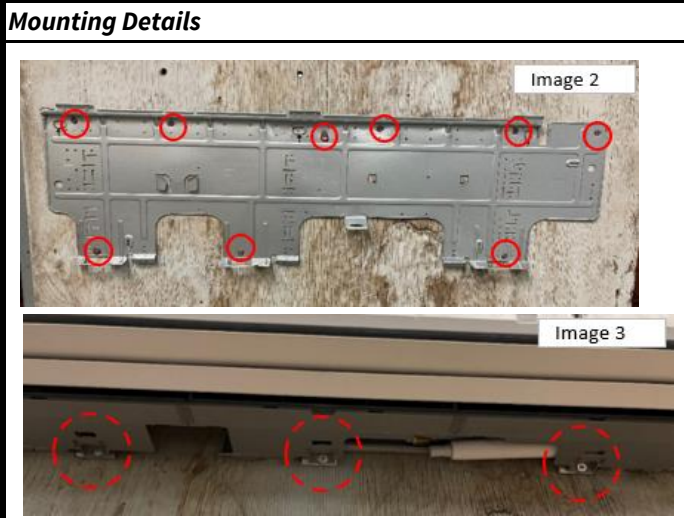
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
37	10.3	47.0	13.4	N/A	N/A	N/A

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary: Indoor Fan Coil (wall mounted): Plastic enclosure	Test Mounting Details:
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Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	1P222779-1
Fan Motor	Daikin	KFD-325-64-8A



UUT56 was wall mounted - rigid using nine (9) 8-32 wood screws used to mount the mounting plate (see Image 2) . Additional three (3) M4 x 1/2" screws and used at base of unit (See Image 3). Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2


Manufacturer: Daikin North America, LLC	<h2>UUT 57</h2>
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: RK36NMVJUA	
Serial Number: E004712	
Test Report: 2100103-TR-001	

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
132	12.5	34.3	28.9	5.97	13.96	>33.33

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:	Test Mounting Details:
Indoor Fan Coil (wall mounted): Plastic enclosure	

Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Heat Exchanger	Daikin	3P379239-1
Scroll Compressor	Daikin	2YC63AAXD
Fan Motor	Panasonic	D90B-37

UUT57 was wall mounted - rigid using four (4) 3/8" - 8 Grade hex-head bolts, washers, and lock washers. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer:	Daikin North America, LLC	UUT 58
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	RX36NMVJUA	
Serial Number:	E008172	
Test Report:		2100103-TR-001

UUT Properties

Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
132	12.5	34.3	28.9	6.42	14.89	>33.33

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:	Test Mounting Details:
Indoor Fan Coil (wall mounted): Plastic enclosure	

Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	3P379239-1
Scroll Compressor	Daikin	2YC63AAXD
Fan Motor	Panasonic	D90B-37



UUT58 was wall mounted - rigid using four (4) 3/8" - 8 Grade hex-head bolts, washers, and lock washers. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET



2100103-CR-001-R2

Manufacturer: Daikin North America, LLC	UUT 59
Model Line: Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number: RXYQ72AATJA	
Serial Number: MT00011	
Test Report: 2201034-TR-001 (UUT1)	

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
478	30.1	36.6	65.4	5.71	8.47	17.04

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67
		2.5	0.0					

Product Construction Summary:
Outdoor Heat Recovery: Carbon steel enclosure

Test Mounting Details:



Options/Subcomponent Summary:

Description	Mfr.	Part Number
Heat Exchanger	Daikin	2P701581-1
Scroll Compressor	Daikin	JP057AEAXSV#T
Fan Motor	Daikin	3F032899-45

UUT59 was base mounted - rigid using four (4) 1/2" Grade 8 bolts and washers.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

UNIT UNDER TEST (UUT) SUMMARY SHEET




2100103-CR-001-R2

Manufacturer:	Daikin North America, LLC	UUT 60
Model Line:	Split System, Quaternity, SkyAir, VRV-S, VRV	
Model Number:	RXYQ240AAYDA	
Serial Number:	MT00009	
Test Report:		2201034-TR-001 (UUT2)

UUT Properties						
Weight (lbs.)	Dimension (in)			Lowest Natural Frequency (Hz)		
	Depth	Width	Height	Front-Back	Side-Side	Vertical
894	30.1	68.9	65.4	4.55	7.39	15.39

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 2022	ICC-ES AC156	2.0	1.0	1.5	3.20	2.40	1.67	0.67	
		2.5	0.0						

Product Construction Summary:	Test Mounting Details:
Outdoor Heat Recovery: Carbon steel enclosure	

Options/Subcomponent Summary:		
Description	Mfr.	Part Number
Fan Motor	Daikin	3F032899-43
Heat Exchanger	Daikin	2P694191-1
Vapor Injection Scroll Compressor	Daikin	JP057AEAYMV#T

UUT60 was base mounted - rigid using six (6) 1/2" Grade 8 bolts and washers.
Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.