

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

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

OFFICE USE ONLY

APPLICATION #: OSP-0125

CERTIFICATION PREAFPROVAL (03P) APPLICATION #: 03P-0							
OSHPD Special Seismic Certification Preapproval (OSP)							
Type: New X Renewal							
Manufacturer Information							
Manufacturer: Carrier Corporation							
Manufacturer's Technical Representative: Scott Mautz							
Mailing Address: 13995 Pasteur Boulevard, Palm Beach Gardens, FL 33418							
Telephone: (561) 365-2000 Email: Scott.Mautz@Carrier	.com						
Product Information							
Product Name: Air Conditioning Units	Th						
Product Type: Air Conditioning Units - Split	C.						
Product Model Number: MBFQ/MARBQ/MBRBQ/MAP/MMD/MMK/MMU/RBM/M	IBDQ/MAHBQ/MBCQ						
General Description: Indoor/Outdoor Split Air Conditioning Units. Pland							
Mounting Description: Floor, wall, floor/wall, and ceiling - all rigid mounted, rigi mounted up to 34"	d curb mounted up to 40" and isolated curb						
Tested Seismic Enhancements: Seismic enhancements made to the test units anomalies during the tests shall be incorpora							
Applicant Information							

Applicant Company Name: Structural Integrity Associates, Inc.

Contact Person: Katie Braman

Mailing Address: 233 SW Wilson Suite 101, Bend, OR 92201

Telephone: (844) 878-0200

Email: kbraman@structint.com

Title: Program Manager

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

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY

OSł



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

California Licensed Structural Engineer Responsible for the Engineering and Test Report(s)
Company Name: STRUCTURAL INTEGRITY ASSOCIATES, INC.
Name:     Andrew Coughlin     California License Number:     S6082
Mailing Address: 5215 Hellyer Ave, Suite 101, San Jose, CA 95138-1025
Telephone: (415) 635-8461 Email: acoughlin@structint.com
Certification Method
GR-63-Core X ICC-ES AC156 IEEE 344 IEEE 693 NEBS 3
Other (Please Specify):
FOR CODE COL
Testing Laboratory
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@etIdallas.com
Company Name: UNIVERSITY OF CALIFORNIA, BERKELEY (PEER)
Contact Person: Clement B. Barthes DATE: 10/13/2021
Mailing Address: 1301 South 46th Street, Bldg 420, Richmond CA 94804
Telephone: (510) 642-3437 Email: peer_center@berkeley.edu
RNIA BUILDING COD

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Seismic Param	eters				
Design Basis of E	equipment or Components	s (Fp/Wp) =	1.5 (SDS = 2.00); 1.1	25 (SDS = 2.	50)
SDS (Desig	n spectral response accel	eration at sl	hort period, g) = 2.00 @	፬ z/h = 1; 2.50	) @ z/h = 0
ap (Amplific	ation factor) =	2.5			
Rp (Respor	nse modification factor) =	6.0			
Ω₀ (System	overstrength factor) =	2.0			
Ip (Importar	nce factor) =	1.5			
z/h (Height	ratio factor) =	1 and 0			
Natural free	quencies (Hz) =	See Attac	hment		
Overall dim	ensions and weight =	See Attac	hmentCODF		
		EWEDE	OCHDD	DI	
OSHPD Approv	al (For Office Use Only	() - Approv		2027	
Date: 10/13/2	021		OSP-0125	m	
Name: Timothy	<sup>y</sup> Piland		imethy Diles	Title:	Senior Structural Engineer
Special Seismic C	Certification Valid Up to: S	DS(g) = Sciences	ee Above	z/h =	See Above
Condition of Appre	oval (if applicable):	DATE	: 10/13/2021		
	Cr	THE ORNI	A BUILDING CO	DE-201	



STATE OF CALIFORNIA - HEALTH AND HUMAN SERVICES AGENCY

OSP-0125

OSHPD

**Carrier Corporation** 

**Carrier Outdoor Units** 

#### 2000830-CR-001-R1

Carbon steel cabinet construction

**Certified Product Construction Summary:** 

Manufacturer:

Model Line:

TRU
COMPLIANCE

# **TABLE 1**

#### **Certified Options Summary:**

Outdoor units listed in this table have indoor companion units listed in Tables 2 and 3.

Mounting Configuration:

RCODF Rigid base mounted. Roof top units base mounted on up to 40" tall rigid curb or up to 32" tall iso curb.

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

Building Code: CBC 201	9	Seismic C	ertificatio	n Limits:		2.0 g z/h=1.0 I <sub>P</sub> = 2.5 g z/h=0.0	1.5
Madal Davis	Model	Dimensions (in) 5		Weight	Notes		
Model Line	Model	Depth	Width	Height	(lb)	Notes	UUT
0110	24AHA-4 <mark>18-A0</mark> 03	B14.6	36.9	31.1	d 146	1.5 ton-cooling only	1
AHA (Cooling Only)	24AHA-4 <mark>##-A0</mark> 0#			•••			Interp.
(Cooling Only)	24AHA-4 <mark>60-A00</mark> 6	17.1	44.5	37,1	245	5 ton-cooling only	Interp.
	25HHA-41 <mark>8-A003</mark>	14.6	36.9	25.1	150	1.5 ton-heating/cooling	Interp.
HHA (Heat Pump)	25HHA-4##- <mark>A00</mark> #		+				Interp.
(neat Pullip)	25HHA-460-A006	17.1	44.5	43.1	258	5 ton-heating/cooling	2
5414	RAV-SP180AT2	11.4	30.7	21.7	98	1.5 ton-heating/cooling	9
RAV	RAV-SP##0AT2	N/A	Ditt	UNIG C		2 ton-heating/cooling	Interp.
(Heat Pump)	RAV-SP420AT2	12.6	35.4	52.8	211.5	3.5 ton-heating/cooling	10
	38MAQB09R-1	13.11	32.09	21.81	82.9	0.75 ton-heating/cooling	17
MAQ (Heat Pump)	38MAQB##R-#						Interp.
(neat Fullip)	38MAQB36R-3	16.14	37.24	31.89	147.3	3 ton-heating/cooling	18
	38MARBQ09AA3	13	31.7	24.2	74		Interp.
Ductless	38MARBQ##AA#						Interp.
Outdoor Single Zone	38MARBQ12AA1	13	31.7	21.8	65		59
Residential	38MARBQ##AA#						Interp.
-	38MARBQ36AA3	16.1	37.2	31.9	142		60
MBR	38MBRQ36A-3	17.91	40.63	31.89	154	3 ton-heating/cooling	19
(Heat Pump)	38MBRQ48A-3	17.64	40.63	52.48	220	4 ton-heating/cooling	20
MBRQ	38MBRBQ36AA3	16.1	37.2	31.9	155		61
Outdoor Single Zone	38MBRBQ48AA3	15.6	37.2	52.5	216		62
MCD	38MGRQ18B-3	14.82	37.31	27.64	105.8	1.5 ton-heating/cooling	21
MGR	38MGRQ###-3						Interp.
(Heat Pump)	38MGRQ48E-3	17.63	41.15	52.48	223.8	4 ton-heating/cooling	22

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844.TRU.0200 | info@trucompliance.com

**Carrier Corporation** 

**Carrier Outdoor Units** 

#### 2000830-CR-001-R1

Manufacturer:

Model Line:

TRU
COMPLIANCE

**TABLE 1** 

<b>Certified Product Con</b> Carbon steel cabinet o	-							
<b>Certified Options Sun</b> Outdoor units listed ir	<b>nmary:</b> n this table have indoor c	companion	units liste	d in Tables	s 2 and 3.			
-	<b>ion:</b> Roof top units base mou onfiguration must be of similar	CV II			71			
Building Code: CBC 20		Seismic C	<b>NCH</b>	PN	S <sub>DS</sub> =	2.0 g	z/h=1.0 z/h=0.0	1.5
Madallina	R	Dir	nensions	(in)25	Weight		Notos	
Model Line	Model	Depth	Width	Height	(lb)		Notes	UUT
ММҮН	MMY-MAP0726HT9P	<sub>B</sub> 30.7 m	10 <sup>139</sup> V	72.9	621	6 ton-	-heating/cooling	31
Heat Pump	MMY-MAP <mark>###6H</mark> T9P					0		Interp.
208/230V-3-60	MMY-MAP1 <mark>686H</mark> T9P	30.7	$10^{63}$	72,9	<mark>8</mark> 38	14 tor	n-heating/cooling	Interp.
	MMY-AP19 <mark>26HT</mark> 9P	30.7	95.2	72.9	1368	2X 09	66HT9P	Interp.
MMYH - Combo Heat Pump 208/230V-3-60	MMY-AP2166HT9P	30.7	95.2	72.9	1368	1206H	HT9P + 0966HT9P	Interp.
	MMY-AP2406HT9P	30.7	110.6	72.9	1522	1446H	HT9P + 0966HT9P	Interp.
200/2301-3-00	MMY-AP2646HT9P	30.7	110.6	72.9	1522	1446H	HT9P + 1206HT9P	Interp.
	MMY-AP2886HT9P	30.7	126	72.9	1676	2X 14	46HT9P	Interp.
	MMY-AP3126HT9P	30.7	126-	72.9	1676	1686H	HT9P + 1446HT9P	Interp.
	MMY-AP3366HT9P	30.7	126	72.9	1676	2X 16	86HT9P	Interp.
MMYH - Combo	MMY-AP3606HT9P	30.7	142.8	72.9	2052	3X 12	06HT9	Interp.
Heat Pump 208/230V-3-60	MMY-AP3846HT9P	30.7	158.2	72.9	2206	1446	HT9P + 2X 1206HT9P	Interp.
200/2301-3-00	MMY-AP4086HT9P	30.7	173.6	72.9	2360	2X 14	46HT9P + 1206HT9P	Interp.
	MMY-AP4326HT9P	30.7	189	72.9	2360	1686H	HT9P+ 1446HT9P + 1206H	Interp.
	MMY-AP4566HT9P	30.7	189	72.9	2360	2X 16	866HT9P + 1206HT9P	Interp.
MMYH - Combo	MMY-AP192S6HT9P	30.7	89.6	72.9	1258	1206H	HT9P + 0726HT9P	Interp.
Heat Pump	MMY-AP240S6HT9P	30.7	95.2	72.9	1368	2X 12	06HT9P	Interp.
208/230V-3-60	MMY-AP288S6HT9P	30.7	110.6	72.9	1522	1686H	HT9P +1206HT9P	Interp.
Space Saving	MMY-AP408S6HT9P	30.7	158.2	72.9	2206	16866	6HT9P + 2X 1206HT9P	Interp.
ММҮН	MMY-MAP0726HT6P	30.7	39	72.9	574	6 ton-	-heating/cooling	Interp.
Heat Pump	MMY-MAP###6HT6P					8 ton-	-heating/cooling	Interp.
480V-3-60	MMY-MAP1686HT6P	30.7	63	72.9	838	14 tor	n-heating/cooling	Interp.
				R TR	U Complia	nce b	y Structural Integrity Asso	ciates In

**Carrier Corporation** 

#### 2000830-CR-001-R1

Manufacturer:

TRU
COMPLIANCE

TARIF 1

Carrier Outdoor Units						IADLE	<b>L</b>
struction Summary:							
onstruction							
mary:							
	ompanion	units liste	d in Tables	s 2 and 3.			
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	tod on up	R CUI	DECO	arun to 3	⊇" +ə   i	an auch	
				47			
	70	NCH	PN			z/h=1 0	
19	Seismic C	ertificatio	n Limits:		_	$z/h=1.0$ $I_P = z/h=0.0$	1.5
A	Dimensions (in) 5		Weight	m			
Model	Depth	Width	Height	(lb)		Notes	UUT
MMY-AP1 <mark>926HT</mark> 6P	<sub>B</sub> 30.7 m	95.2	72.9	<b>1</b> 368	2X 096	6HT6P	Interp.
MMY-AP2 <mark>166HT</mark> 6P	30.7	95.2	72.9	1368	1206H	T6P + 0966HT6P	Interp.
MMY-AP2 <mark>406HT</mark> 6P	30.7	110.6	72.9	1522	1446H	T6P + 0966HT6P	Interp.
MMY-AP2646HT6P	30.7	110.6	72.9	1522	1446H	T6P + 1206HT6P	Interp.
MMY-AP2886HT6P	30.7	126	72.9	1676	<mark>2X</mark> 144	6HT6P	Interp.
MMY-AP3126HT6P	30.7	126	72.9	1676	1686H	T6P + 1446HT6P	Interp.
MMY-AP3366HT6P	30.7	126	72.9	1676	2X 168	B6HT6P	Interp.
MMY-AP3606HT6P	30.7	142.8	72.9	2052	3X 120	06HT6	Interp.
MMY-AP3846HT6P	30.7	158.2	72.9	2206	1446H	T6P + 2X 1206HT6P	Interp.
MMY-AP4086HT6P	30.7	173.6	72.9	2360	2X 144	6HT6P + 1206HT6P	Interp.
MMY-AP4326HT6P	30.7	189	72.9	2360	1686H	T6P+ 1446HT6P + 1206H	Interp.
MMY-AP4566HT6P	30.7	189	72.9	2360	2X 168	866HT6P + 1206HT6P	Interp.
MMY-AP192S6HT6P	30.7	89.6	72.9	1258	1206H	T6P + 0726HT6P	Interp.
MMY-AP240S6HT6P	30.7	95.2	72.9	1368	2X 120	06HT6P	Interp.
MMY-AP288S6HT6P	30.7	110.6	72.9	1522	1686H	T6P +1206HT6P	Interp.
	struction Summary: onstruction mary: this table have indoor c on: Roof top units base moun figuration must be of similar 19 Model MMY-AP1926HT6P MMY-AP2166HT6P MMY-AP2406HT6P MMY-AP2886HT6P MMY-AP3366HT6P MMY-AP3846HT6P MMY-AP3846HT6P MMY-AP3846HT6P MMY-AP4086HT6P MMY-AP4326HT6P MMY-AP4326HT6P MMY-AP4326HT6P MMY-AP4326HT6P	struction Summary: onstructionmary: this table have indoor companionon: coof top units base mounted on up nfiguration must be of similar configuratio19Seismic CoModelDir DepthMMY-AP1926HT6P30.7MMY-AP2166HT6P30.7MMY-AP2406HT6P30.7MMY-AP2886HT6P30.7MMY-AP3126HT6P30.7MMY-AP3366HT6P30.7MMY-AP3846HT6P30.7MMY-AP3846HT6P30.7MMY-AP3846HT6P30.7MMY-AP3846HT6P30.7MMY-AP4086HT6P30.7MMY-AP4086HT6P30.7MMY-AP4086HT6P30.7MMY-AP4086HT6P30.7MMY-AP4086HT6P30.7MMY-AP4086HT6P30.7MMY-AP4086HT6P30.7MMY-AP4326HT6P30.7MMY-AP4326HT6P30.7MMY-AP4086HT6P30.7	struction Summary: onstructionmary: this table have indoor companion units listeOn: Coof top units base mounted on up to 40" tal nfiguration must be of similar configuration and equivaSeismic CertificatioDimensions DepthModelDimensions DepthModelDimensions 30.7MMY-AP1926HT6P30.795.2MMY-AP2166HT6P30.795.2MMY-AP2406HT6P30.7110.6MMY-AP2406HT6P30.730.7126MMY-AP3126HT6P30.730.7126MMY-AP3866HT6P30.730.7126MMY-AP3846HT6P30.730.7158.2MMY-AP3846HT6P30.730.7189MMY-AP4326HT6P30.730.7189MMY-AP4566HT6P30.730.7189MMY-AP4206HT6P30.730.7189MMY-AP192S6HT6P30.730.795.2	Market         Dimensions           mary:         this table have indoor companion units listed in Tables           mary:         this table have indoor companion units listed in Tables           mary:         Roof top units base mounted on up to 40" tall rigid curb nfiguration must be of similar configuration and equivalent strength           19         Seismic Certification Limits:           Model         Dimensions (in)           MMY-AP1926HT6P         30.7         95.2         72.9           MMY-AP2166HT6P         30.7         95.2         72.9           MMY-AP2406HT6P         30.7         110.6         72.9           MMY-AP2466HT6P         30.7         126         72.9           MMY-AP2886HT6P         30.7         126         72.9           MMY-AP3126HT6P         30.7         126         72.9           MMY-AP3366HT6P         30.7         126         72.9	Model         Dimensions (in)         Weight           MMY-AP1926HT6P         30.7         110.6         72.9         1368           MMY-AP2406HT6P         30.7         126         72.9         1368           MMY-AP3366HT6P         30.7         126         72.9         1368           MMY-AP3366HT6P         30.7         126         72.9         1368           MMY-AP3126HT6P         30.7         126         72.9         1368           MMY-AP2406HT6P         30.7         110.6         72.9         1522           MMY-AP3126HT6P         30.7         110.6         72.9         1676           MMY-AP3126HT6P         30.7         110.6         72.9         1522           MMY-AP2406HT6P         30.7         110.6         72.9         1676           MMY-AP3126HT6P         30.7         126         72.9         1676           MMY-AP3366HT6P         30.7         126         72.9         1676           MMY-AP3366HT6P         30.7         158.2         72.9         2360           MMY-AP4326HT6P         30.7         158.2         72.9         2360           MMY-AP4326HT6P         30.7         189         72.9         2360	truction Summary:         onstruction         mary:         this table have indoor companion units listed in Tables 2 and 3.         colspan="2">colspan="2"         colspan="2">colspan="2"       colspan="2">colspan="2"       colspan="2"       colspan="2"       colspan="2"       colspan="2"       colspan="2"        colspan="2"       colspan="2"        colspan="2"       colspan="2"        colspan="2"        colspan="2"        colspan="2"        colspan="2"	Carrier Outdoor Units         struction Summary:         onstruction         mary:         this table have indoor companion units listed in Tables 2 and 3.         construction         construction         construction         construction         construction         construction         construction companion units listed in Tables 2 and 3.         construction companion units listed in Tables 2 and 3.         construction companion units listed in Tables 2 and 3.         construction companion units listed in Tables 2 and 3.         construction companion units listed in Tables 2 and 3.         construction companion units listed in Tables 2 and 3.         construction companion units listed in Tables 2 and 3.         construction companion units listed in Tables 2 and 3.         construction companion units listed in Tables 2 and 3.         construction Summary:         construction Companion units listed in Tables 2 and 3.         construction Companion units listed in Tables 2 and 3.         construction Companion units listed in Tables 2 and 3.         construction Co

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16866HT6P + 2X 1206HT6P

6 ton-heating/cooling

6 ton-heating/cooling

14 ton-heating/cooling

1206FT9P+ 0966FT9P

1446FT9P + 0966FT9P

2X 0726FT2P

2X 0966FT9P

Space Saving

MMYF/ MMYF Combo

Heat Recovery

208/230V-1-60

MMYF

Heat Recovery

208/230V-3-60

MMYF - Combo

Heat Recovery

208/230V-3-60

MMY-AP408S6HT6P

MMY-MAP0726FT2P

MMY-AP1446FT2PUL

MMY-MAP0726FT9P

MMY-MAP###6FT9P

MMY-MAP1686FT9P

MMY-AP1926FT9P

MMY-AP2166FT9P

MMY-AP2406FT9P

30.7

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78

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110.6

72.9

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72.9

72.9

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72.9

72.9

72.9

72.9

2206

600

1200

600

...

882

1442

1442

1603

Interp.

Interp.

Interp.

Interp.

Interp.

Interp.

Interp.

Interp.

Interp.

**Carrier Corporation** 

#### 2000830-CR-001-R1

Manufacturer:

TRU
COMPLIANCE

TARIF 1

Model Line:	Carrier Outdoor Units						. <b>L</b>
<b>Certified Product Con</b>	struction Summary:					·	
Carbon steel cabinet c	construction						
Certified Options Sum	nmary:						
Outdoor units listed ir	n this table have indoor c	ompanion	units liste	d in Tables	s 2 and 3.		
Mounting Configurati	ion:		0.0 9	JEO			
• •	Roof top units base mou	nted on up	o to 40" tal	l rigid curb	or up to 3	2" tall iso curb.	
-	onfiguration must be of similar	CV 1			71		
Duilding Codes CDC 2		Calamia		PD.	S <sub>DS</sub> =	2.0 g z/h=1.0	1 5
Building Code: CBC 20		Seismic C	ertificatio	n Limits:	S <sub>DS</sub> =	$I_P = 2.5 g z/h=0.0$	1.5
Model Line	Model	Dimensions (in) 5 V		Weight	Notes		
Model Line	Model	Depth	Width	Height	(lb)	NOLES	UUT
	MMY-AP2 <mark>646FT</mark> 9P	<sub>B</sub> 30.7 n	110.6	72.9	1603	1446FT9P + 1206FT9P	Interp.
	MMY-AP2 <mark>886FT</mark> 9P	30.7	126	72.9	1764	2X 1446FT9P	Interp.
	MMY-AP3 <mark>126FT</mark> 9P	30.7	101263	72,9	1764	1686FT9P + 1446FT9P	Interp.
MMYF - Combo	MMY-AP33 <mark>66FT9P</mark>	30.7	142.8	72.9	2163	2X 1206FT6P + 0966FT6P	Interp.
Heat Recovery	MMY-AP3606FT9P	30.7	142.8	72.9	2163	3X 1206FT6P	Interp.
208/230V-3-60	MMY-AP3846FT9P	30.7	158.2	72.9	2324	1446FT6P + 2X 1206FT6P	Interp.
	MMY-AP4086FT9P	30.7	173.6	72.9	2485	2X 1446FT6P + 1206FT6P	Interp.
	MMY-AP4326FT9P	30.7	189	72.9	2646	1686FT6P+ 1446FT6P + 1206FT	Interp.
	MMY-AP4566FT9P	30.7	189_	72.9	2646	2X 16866FT6P + 1206FT6P	Interp.
MMYF - Combo	MMY-AP192S6FT9P	30.7	89.6	72.9	1321	12066FT9P + 0726FT9P	Interp.
Heat Recovery	MMY-AP240S6FT9P	30.7	95.2	72.9	1442	2X 1206FT9P	Interp.
208/230V-3-60	MMY-AP288S6FT9P	30.7	110.6	72.9	1603	1686FT9P +1206FT9P	Interp.
Space Saving	MMY-AP336S6FT9P	30.7	126	72.9	1764	2X 16866FT9P	Interp.
MMYF	MMY-MAP0726FT6P	30.7	39	72.9	615	6 ton-heating/cooling	Interp.
Heat Recovery	MMY-MAP###6FT6P						Interp.
			+				· · · ·

TRU Compliance, by Structural Integrity Associates, Inc.

14 ton-heating/cooling

1206FT6P+ 0966FT6P

1446FT6P + 0966FT6P

1446FT6P + 1206FT6P

1686FT6P + 1446FT6P

2X 1206FT6P + 0966FT6P

2X 0966FT6P

2X 1446FT6P

3X 1206FT6P

32

Interp.

Interp.

Interp.

Interp.

Interp.

Interp.

Interp.

Interp.

460V-3-60

MMYF - Combo

Heat Recovery

480V-3-60

MMY-MAP1686FT6P

MMY-AP1926FT6P

MMY-AP2166FT6P

MMY-AP2406FT6P

MMY-AP2646FT6P

MMY-AP2886FT6P

MMY-AP3126FT6P

MMY-AP3366FT6P

MMY-AP3606FT6P

63

95.2

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110.6

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126

126

142.8

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72.9

72.9

875

1472

1472

1611

1611

1750

1750

2208

2208

<sup>844.</sup>TRU.0200 | info@trucompliance.com

**Carrier Corporation** 

#### 2000830-CR-001-R1

Manufacturer:

Τ	RU
СОМ	PLIANCE

**TABLE 1** 

Certified Product Construction Summary: Carbon steel cabinet construction           Certified Options Summary: Outdoor units listed in this table have indoor companion units listed in Tables 2 and 3.           Mounting Configuration: Rigid base mounted. Roof top units base mounted on up to 40" tall rigid curb or up to 32" tall iso curb. Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.           Building Code: CBC 2019           Model Line         Model         Optimensions (In) Depth         Width Height (Ib)         Note: state of similar configuration and equivalent strength and stiffness to those tested.           MMVF - Combo Heat Recovery 480V-3-60         MMY-AP3846FT6P         30.7         172.9         C20.2         2.4265         IMMY-AP3846FT6P           MMYF - Combo Heat Recovery 480V-3-60         MMY-AP3846FT6P         30.7         189         72.9         2.4262         16866FT6P + 1206FT6P         Interp MMY-AP326FT6P           MMYF - Combo Heat Recovery 480V-3-60         MMY-AP3406FT6P         30.7         189         72.9         1200 EFT6P         Interp MMY-AP3265FT6P         30.7         189         72.9 <th< th=""><th>Model Line:</th><th>Carrier Outdoor Units</th><th></th><th></th><th colspan="5">TABLE</th></th<>	Model Line:	Carrier Outdoor Units			TABLE				
Cartified Options Summary: Outdoor units listed in this table have indoor companion units listed in Tables 2 and 3. Mounting Configuration: Rigid base mounted. Roof top units base mounted on up to 40° tall rigid curb or up to 32" tall iso curb. Note: installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested. Building Code: CBC 2019 Seismic Certification Limits: Sos = 2.0 g z/h=1.0 Sos = 2.5 g z/h=0. MMY-AP3846FT6P Heat Recovery 480V-3-60 MMY-AP4326FT6P 30.7 173.6 72.9 2486 2X 1446FT6P + 2X 1206FT6P Interp MMY-AP4326FT6P 30.7 173.6 72.9 2486 2X 1446FT6P + 1206FT6P Interp MMY-AP4326FT6P 30.7 188,2 72.9 2625 1686FT6P + 1446FT6P + 1206FT6P Interp MMY-AP4326FT6P 30.7 188,2 72.9 1351 12066FT6P + 1206FT6P Interp MMY-AP4326FT6P 30.7 188,2 72.9 1351 12066FT6P + 1206FT6P Interp MMY-AP3365FT6P 30.7 126 72.9 1351 12066FT6P + 1206FT6P Interp MMY-AP3265FT6P 30.7 126 72.9 1351 12066FT6P + 1206FT6P Interp MMY-AP33556FT6P 30.7 126 72.9 1351 10066FT6P + 1206FT6P Interp MCY-MAP0487H5-UL 17.4 39.8 61.0 311 Identicat MCY-MAP0607H5-UL Interp Pump) 400Q-060ABA6-0A0 46.6 74.4 41.6 425 34" Isolated Curb 64 (Heat Recovery & Heat 400Q_0-d6ABA-0A0 Interp MMD-AP0120WHG2UL 22.3 17.7 46.9 125 1 ton capacity 66 MMD-AP020WHG2UL 22.3 17.7 46.9 125 1 ton capacity 66									
Dutdoor units listed in this table have indoor companion units listed in Tables 2 and 3.Mounting Configuration: Rigid base mounted. Roof top units base mounted on up to 40° tall rigid curbor up to 32" tall iso curb. Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.Building Code: CBC 2019Seismic Certification Limits:Sole $2.0 g z/h=1.0 SoleModel LineModelMMY-AP3846FT6PSoleMMY-P3846FT6P30.7MMY-AP4326FT6P30.7<$		-							
Outdoor units listed in this table have indoor companion units listed in Tables 2 and 3.Mounting Configuration: Rigid base mounted. Roof top units base mounted on up to 40° tall rigid curbor up to 32" tall iso curb. Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.Building Code: CBC 2019Seismic Certification Limits:Sois 2.0 g $z/h=1.0$ $S_{DS}= 2.5 g z/h=0.0Image: Sois and Stiffness to those tested.Building Code: CBC 2019Seismic Certification Limits:Sois 2.0 g z/h=1.0S_{DS}= 2.5 g z/h=0.0Model LineMMY-AP3846FT6PMMY-AP3846FT6P30.7158.272.92486 22 X1446FT6P + 2X 1206FT6PInterpMMY-AP4326FT6P30.7189MMY-AP4326FT6P30.7189MMY-AP4326FT6P30.7189MMY-AP4326FT6P30.7189MMY-AP4326FT6P30.718972.92486 22X1486FT6P + 1206FT6PInterpMMY-AP4326FT6P30.718972.924146FT6P + 1206FT6PInterpMMY-AP28056FT6P30.7$									
Outdoor units listed in this table have indoor companion units listed in Tables 2 and 3.Mounting Configuration:Rigid base mounted. Roof top units base mounted on up to 40° tall rigid curbor up to 32" tall iso curb.Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.Building Code: CBC 2019Seismic Certification Limits:Sois 2.0 g $z/h=1.0$ $S_{DS}= 2.5 g z/h=0.0Image: Sois (n)Model LineModelDimensions (n)WeightMMY-AP3846FT6P30.7158.272.92486 Z2 1446FT6P + 2X 1206FT6PInterpMMY-AP3846FT6P30.718972.92486 Z2 1446FT6P + 1206FT6PInterpMMY-AP4326FT6P30.718972.92486 Z2 1446FT6P + 1206FT6PInterpMMY-AP4326FT6P30.718972.922.5 Z2 X 1446FT6P + 1206FT6PInterpMMY-AP4326FT6P30.718972.922.146FT6P + 1206FT6PInterpMMY-AP3836FT6P30.718972.922.1206FT6PInterp$	Certified Options Sumr	narv:							
Migid base mounted. Roof top units base mounted on up to 40" tall rigid curb or up to 32" tall iso curb.         Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.         Building Code: CBC 2D19       Seismic Certification Limits:       Sigmic Certification Limits:       Sigmic Certification Limits:       Sigmic Certification Limits:       Sigmic Certification Limits:        Sigmic Ce	-	-	companion	units liste	ed in Tables	s 2 and 3.			
Migid base mounted. Roof top units base mounted on up to 40" tall rigid curb or up to 32" tall iso curb.         Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.         Building Code: CBC 2D19       Seismic Certification Limits:       S $S_{05} = 2.0 g z/h=1.0 S_{05} = 2.5 g z/h=0.0$ $I_P = 1.5$ Model Line       MMY-AP3846FT6P       30.7       158.2       72.9       2347       I446FT6P + 2X 1206FT6P       Interp         MMY-AP3846FT6P       30.7       158.2       72.9       2347       I446FT6P + 2X 1206FT6P       Interp         MMY-AP3846FT6P       30.7       158.2       72.9       2347       I446FT6P + 2X 1206FT6P       Interp         MMY-AP3866FT6P       30.7       189       72.9       2347       I446FT6P + 1206FT6P       Interp         MMY-AP3866FT6P       30.7       189       72.9       2346       234666FT6P + 1206FT6P       Interp          MY-AP3865FT									
Migid base mounted. Roof top units base mounted on up to 40" tall rigid curb or up to 32" tall iso curb.         Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.         Building Code: CBC 2D19       Seismic Certification Limits:       S $S_{05} = 2.0 g z/h=1.0 S_{05} = 2.5 g z/h=0.0$ $I_P = 1.5$ Model Line       MMY-AP3846FT6P       30.7       158.2       72.9       2347       I446FT6P + 2X 1206FT6P       Interp         MMY-AP3846FT6P       30.7       158.2       72.9       2347       I446FT6P + 2X 1206FT6P       Interp         MMY-AP3846FT6P       30.7       158.2       72.9       2347       I446FT6P + 2X 1206FT6P       Interp         MMY-AP3866FT6P       30.7       189       72.9       2347       I446FT6P + 1206FT6P       Interp         MMY-AP3866FT6P       30.7       189       72.9       2346       234666FT6P + 1206FT6P       Interp          MY-AP3865FT									
Note: Installed mounting configuration must be of similar configuration and equivalent strength and stiffness to those tested.           Building Code: CBC 2019         Seismic Certification Limits:         So $2$ , $g$ $z/h=1.0$ $S_{0,5} = 2,5 g$ $z/h=0.0$ $I_p = 1.5$ Model         Dimensions (in)         Weight (lb)         Notes $UUT$ MMMY-AP3846FT6P         30.7         158.2         72.9         2347         1446FT6P + 2X 1206FT6P         Interp           MMY-AP3846FT6P         30.7         158.2         72.9         2486         2X 1446FT6P + 2X 1206FT6P         Interp           MMY-AP4086FT6P         30.7         189         72.9         2486         2X 1446FT6P + 2X 1206FT6P         Interp           MMY-AP4086FT6P         30.7         189         72.9         24252         2X 1686FT6P + 1206FT6P         Interp           MMY-AP4326FT6P         30.7         19         72.9         1472         2X 1206FT6P         1472           MMY-A			100			h	0    + -    :		
Building Code: CBC 2019         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 (lb)         Notes         UUT           MMYF - Combo Heat Recovery 480V-3-60         MMY-AP3846FT6P         30.7         173.6         72.9         2347         1446FT6P + 2X 1206FT6P         Interp           MMYF - Combo Heat Recovery 480V-3-60         MMY-AP4086FT6P         30.7         173.6         72.9         2486         2X 1446FT6P + 1206FT6P         Interp           MMYF - Combo Heat Recovery 480V-3-60         MMY-AP4566FT6P         30.7         189         72.9         2625         2X 16866FT6P + 1206FT6P         Interp           MMYF - Combo Heat Recovery 480V-3-60         MMY-AP4566FT6P         30.7         95.2         72.9         1472         2X 1206FT6P         Interp           MMY-AP3856FT6P         30.7         10.6         72.9         1611         1686FT6P + 1206FT6P         Interp           VRF         MCY-MAP0367HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           VRF         MCY-MAP0487HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL	•					77.			
Building Code: CBC 2019         Seismic Certification Limits: $\Gamma_p = 1.5$ Model Line         Model         Dimensions (in)         Weight (lb)         Notes         UUT           MMYF - Combo Heat Recovery 480V-3-60         MMY-AP3846FT6P         30.7         158.2         72.9         2347         1446FT6P + 2X 1206FT6P         Interp           MMY - AP4086FT6P         30.7         173.6         72.9         2486         2X 1446FT6P + 1206FT6P         Interp           MMY-AP4326FT6P         30.7         189         72.9         2625         1686FT6P + 1206FT6P         Interp           MMY - AP4366FT6P         30.7         189         72.9         2625         2X 1446FT6P + 1206FT6P         Interp           MMY - AP4366FT6P         30.7         189         72.9         2625         2X 16866FT6P + 1206FT6P         Interp           MMY-AP240S6FT6P         30.7         189.6         72.9         1472         2X 1206FT6P         Interp           MMY-AP2886FT6P         30.7         110.6         72.9         1611         1686FT6P + 1206FT6P         Interp           Space Saving         MMY-AP28856FT6P         30.7         126         72.9         1750         2X 16866HT6P         Interp           SMMS-e Heat Pump <td>Note: Installed mounting cor</td> <td>ifiguration must be of similar</td> <td>r configuratio</td> <td>n and equiva</td> <td>alent strengti</td> <td></td> <td>_</td> <td></td> <td></td>	Note: Installed mounting cor	ifiguration must be of similar	r configuratio	n and equiva	alent strengti		_		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Building Code: CBC 201	19	Seismic C	ertificatio	on Limits:				1.5
MMYF - Combo Heat Recovery 480V-3-60         MMY-AP3846FT6P         30.7         158.2         72.9         2347         1446FT6P + 2X 1206FT6P         Interp           MMYF - Combo Heat Recovery 480V-3-60         MMY-AP4086FT6P         30.7         173.6         72.9         2486         2X 1446FT6P + 1206FT6P         Interp           MMY-AP4326FT6P         30.7         189         72.9         2625         1686FT6P + 1446FT6P + 1206FT6P         Interp           MMY-AP4566FT6P         30.7         189         72.9         2625         2X 16866FT6P + 1206FT6P         Interp           MMYF - Combo Heat Recovery         MMY-AP4566FT6P         30.7         189         72.9         1351         12066FT6P + 0726FT6P         Interp           480V-3-60         MMY-AP24056FT6P         30.7         95.2         72.9         1472         2X 1206FT6P         Interp           480V-3-60         MMY-AP24056FT6P         30.7         110.6         72.9         1611         1686FT6P + 1206FT6P         Interp           480V-3-60         MMY-AP28856FT6P         30.7         126         72.9         1611         1686FT6P + 1206FT6P         Interp           Space Saving         MMY-AP33656FT6P         30.7         126         72.9         1750         2X 16866HT6P	Madallina	Madal	Dir	nensions	(in)25		m		
MMYF - Combo Heat Recovery 480V-3-60         MMY-AP4086FT6P         30.7         173.6         72.9         2486         2X 1446FT6P + 1206FT6P         Interpresenter           MMY - AP4326FT6P         30.7         189         72.9         2625         1686FT6P + 1446FT6P + 1206FT6P         Interpresenter           MMY - AP4326FT6P         30.7         189         72.9         2625         2X 16866FT6P + 1206FT6P         Interpresenter           MMY - AP4326FT6P         30.7         189         72.9         2625         2X 16866FT6P + 1206FT6P         Interpresenter           MMY - AP4326FT6P         30.7         189         72.9         2625         2X 16866FT6P + 1206FT6P         Interpresenter           MMY - AP4366FT6P         30.7         189         72.9         1351         12066FT6P + 0726FT6P         Interpresenter           MMY - AP43656FT6P         30.7         10.6         72.9         1472         2X 1206FT6P         Interpresenter           Space Saving         MMY-AP28856FT6P         30.7         110.6         72.9         1611         1686FT6P + 1206FT6P         Interpresenter           VRF         MCY-MAP0367HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interpresenter           MMY-A	Model Line	Model	Depth	Width	Height	(lb)		NOLES	001
Heat Recovery 480V-3-60         MMY-AP4086F16P         30.7         173.6         72.9         2486         2X 1446F16P + 1206F16P         Interp           MMY-AP4326FT6P         30.7         189         72.9         2625         1686FT6P + 1446FT6P + 1206F16P         Interp           MMY-AP4566FT6P         30.7         189         72.9         2625         2X 16866FT6P + 1206FT6P         Interp           MMY-AP4566FT6P         30.7         189         72.9         2625         2X 16866FT6P + 1206FT6P         Interp           MMY-AP19256FT6P         30.7         189         72.9         1351         12066FT6P + 0726FT6P         Interp           480V-3-60         MMY-AP19256FT6P         30.7         95.2         72.9         1472         2X 1206FT6P         Interp           5pace Saving         MMY-AP23856FT6P         30.7         110.6         72.9         1611         1686FT6P + 1206FT6P         Interp           SMS-e Heat Pump         MCY-MAP0367HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           40QQ Rooftop Unit         40QQ-036ABA3-0A0         46.6         74.4         33.4         359         Filter Curb         64           Yertical AHU         40QQ-060ABA	MMVE Combo	MMY-AP3 <mark>846FT</mark> 6P	B30.7	158.2	72.9	2347	1446FT6P +	2X 1206FT6P	Interp.
480V-3-60         MMY-AP4326FT6P         30.7         189         72.9         2625         1686FT6P+1446FT6P+1206FT         Interp           MMY-AP4566FT6P         30.7         189         72.9         2625         2X 16866FT6P+1206FT6P         Interp           MMY-AP4566FT6P         30.7         189         72.9         2625         2X 16866FT6P+0726FT6P         Interp           MMY-AP192S6FT6P         30.7         89.6         72.9         1351         12066FT6P+0726FT6P         Interp           480V-3-60         MMY-AP288S6FT6P         30.7         95.2         72.9         1472         2X 1206FT6P         Interp           5pace Saving         MMY-AP336S6FT6P         30.7         110.6         72.9         1611         1686FT6P+1206FT6P         Interp           VRF         MCY-MAP0367HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           MMS-e Heat Pump         MCY-MAP0607HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           40QQ Rooftop Unit         40QQ-036ABA3-0A0         46.6         74.4         33.4         359         Filter Curb         64           40QQ-060ABA6-0A0         46.6 </td <td></td> <td>MMY-AP4<mark>086FT</mark>6P</td> <td>30.7</td> <td>173.6</td> <td>72.9</td> <td>2486</td> <td>2X 1446FT6</td> <td>P + 1206FT6P</td> <td>Interp.</td>		MMY-AP4 <mark>086FT</mark> 6P	30.7	173.6	72.9	2486	2X 1446FT6	P + 1206FT6P	Interp.
MMY-AP4566FT6P         30.7         189         72.9         2625         2X 16866FT6P + 1206FT6P         Interp           MMYF-Combo Heat Recovery         MMY-AP192S6FT6P         30.7         89.6         72.9         1351         12066FT6P + 0726FT6P         Interp           480V-3-60         MMY-AP240S6FT6P         30.7         95.2         72.9         1472         2X 1206FT6P + 0726FT6P         Interp           5pace Saving         MMY-AP288S6FT6P         30.7         95.2         72.9         1472         2X 1206FT6P + 0726FT6P         Interp           Space Saving         MMY-AP288S6FT6P         30.7         110.6         72.9         1611         1686FT6P + 1206FT6P         Interp           VRF         MMY-AP336S6FT6P         30.7         126         72.9         1750         2X 16866HT6P         Interp           VRF         MCY-MAP0367HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           MMQ-AP0487HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           40QQ Rooftop Unit         40QQ-036ABA3-0A0         46.6         74.4         33.4         359         Filter Curb         65 <td< td=""><td>•</td><td>MMY-AP4<mark>326FT</mark>6P</td><td>30.7</td><td>189</td><td>72.9</td><td>2625</td><td colspan="2">1686FT6P+ 1446FT6P + 1206F</td><td>Interp</td></td<>	•	MMY-AP4 <mark>326FT</mark> 6P	30.7	189	72.9	2625	1686FT6P+ 1446FT6P + 1206F		Interp
MMT         MMY-AP240S6FT6P         30.7         95.2         72.9         1472         2X 1206FT6P         Interp           480V-3-60         MMY-AP288S6FT6P         30.7         110.6         72.9         1611         1686FT6P +1206FT6P         Interp           Space Saving         MMY-AP288S6FT6P         30.7         126         72.9         1611         1686FT6P +1206FT6P         Interp           VRF         MCY-MAP0367HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           MCY-MAP0487HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           MCY-MAP0607HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           MQQ Rooftop Unit         MQQ-036ABA3-0A0         46.6         74.4         33.4         359         Filter Curb         64           Heat Recovery & Heat         40QQ-060ABA6-0A0         46.6         74.4         41.6         425         34" Isolated Curb         65           VRF         MMD-AP0120VHG2UL         22.3         17.7         46.9         125         1 ton capacity         66           VRF         MMD-AP060	4000-3-00	MMY-AP45 <mark>66FT6</mark> P	30.7	189	72.9	2625	2X 16866FT	6P + 1206FT6P	Interp.
480V-3-60         MMY-AP288S6FT6P         30.7         110.6         72.9         1611         1686FT6P +1206FT6P         Interp           Space Saving         MMY-AP336S6FT6P         30.7         126         72.9         1750         2X 16866HT6P         Interp           VRF         MCY-MAP0367HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           MCY-MAP0487HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           MCY-MAP0487HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           MQQ Rooftop Unit         40QQ-036ABA3-0A0         46.6         74.4         33.4         359         Filter Curb         64           (Heat Recovery & Heat         40QQ-060ABA6-0A0         46.6         74.4         41.6         425         34" Isolated Curb         65           VRF         MMD-AP0120VHG2UL         22.3         17.7         46.9         125         1 ton capacity         66           MMD-AP0600VHG2UL         31.3         24.2         57.9         227         5 ton capacity         67	MMYF - Combo	MMY-AP192S6FT6P	30.7	89.6	72.9	1351	12066FT6P	+ 0726FT6P	Interp.
Space Saving         MMY-AP336S6FT6P         30.7         126         72.9         1750         2X 16866HT6P         Interp           VRF         MCY-MAP0367HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           MCY-MAP0487HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           MCY-MAP0607HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           MQQ Rooftop Unit         40QQ-036ABA3-0A0         46.6         74.4         33.4         359         Filter Curb         64           Pump)         40QQ-060ABA6-0A0             Interp           VRF         MMD-AP0120VHG2UL         22.3         17.7         46.9         34" Isolated Curb         65           MMD-AP0600VHG2UL         22.3         17.7         46.9         125         1 ton capacity         66           MMD-AP0600VHG2UL         31.3         24.2         57.9         227         5 ton capacity         67	Heat Recovery	MMY-AP240S6FT6P	30.7	95.2	72.9	1472	2X 1206FT6	Р	Interp.
VRF         MCY-MAP0367HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           SMMS-e Heat Pump         MCY-MAP0487HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           40QQ Rooftop Unit         MCY-MAP0607HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           40QQ Rooftop Unit         40QQ-036ABA3-0A0         46.6         74.4         33.4         359         Filter Curb         64           40QQ-0##ABA#-0A0              Interp           Pump)         40QQ-060ABA6-0A0         46.6         74.4         43.4         359         Filter Curb         64           VRF         VRF         MMD-AP0120VHG2UL         22.3         17.7         46.9         125         1400 capacity         66           MMD-AP0600VHG2UL	480V-3-60	MMY-AP288S6FT6P	30.7	110.6	72.9	1611	1686FT6P +	1206FT6P	Interp.
VRF         MCY-MAP0487HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           M0QQ Rooftop Unit (Heat Recovery & Heat Pump)         40QQ-036ABA3-0A0         46.6         74.4         33.4         359         Filter Curb         64           40QQ-0##ABA#-0A0              Interp           Pump)         40QQ-060ABA6-0A0         46.6         74.4         41.6         425         34" Isolated Curb         65           VRF Vertical AHU         MMD-AP0120VHG2UL         22.3         17.7         46.9         125         1 ton capacity         66           MMD-AP0600VHG2UL         31.3         24.2         57.9         227         5 ton capacity         67	Space Saving	MMY-AP336S6FT6P	30.7	126	72.9	1750	2X 16866HT	6P	Interp.
SMMS-e Heat Pump         MCY-MAP0487HS-UL         17.4         39.8         61.0         311         Identical to MCY-MAP0607HS-UL         Interp           40QQ Rooftop Unit (Heat Recovery & Heat Pump)         40QQ-036ABA3-0A0         46.6         74.4         33.4         359         Filter Curb         64           40QQ-0##ABA#-0A0              Interp           Pump)         40QQ-060ABA6-0A0         46.6         74.4         41.6         425         34" Isolated Curb         65           VRF Vertical AHU         MMD-AP0120VHG2UL         22.3         17.7         46.9         125         1 ton capacity         66           MMD-AP0600VHG2UL         31.3         24.2         57.9         227         5 ton capacity         67		MCY-MAP0367HS-UL	17.4	39.8-	61.0	311	Identical to MC	CY-MAP0607HS-UL	Interp.
MCY-MAP0607HS-UL         17.4         39.8         61.0         311         63           40QQ Rooftop Unit (Heat Recovery & Heat Pump)         40QQ-036ABA3-0A0         46.6         74.4         33.4         359         Filter Curb         64           40QQ-0##ABA#-0A0              Interp           Pump)         40QQ-060ABA6-0A0         46.6         74.4         41.6         425         34" Isolated Curb         65           VRF Vertical AHU         MMD-AP0120VHG2UL         22.3         17.7         46.9         125         1 ton capacity         66           MMD-AP0600VHG2UL         31.3         24.2         57.9         227         5 ton capacity         67		MCY-MAP0487HS-UL	17.4	39.8	61.0	311	Identical to MC	CY-MAP0607HS-UL	Interp.
VRF         MMD-AP0120VHG2UL         22.3         17.7         46.9         125         1 ton capacity         66           MMD-AP0600VHG2UL         31.3         24.2         57.9         227         5 ton capacity         67	SMMS-e near Pullip	MCY-MAP0607HS-UL	17.4	39.8	61.0	311			63
Pump)         40QQ-060ABA6-0A0         46.6         74.4         41.6         425         34" Isolated Curb         65           VRF Vertical AHU         MMD-AP0120VHG2UL         22.3         17.7         46.9         125         1 ton capacity         66           MMD-AP0###VHG2UL             Interp           MMD-AP0600VHG2UL         31.3         24.2         57.9         227         5 ton capacity         67	40QQ Rooftop Unit	40QQ-036ABA3-0A0	46.6	74.4	33.4	359	Filter Curb		64
VRF         MMD-AP0120VHG2UL         22.3         17.7         46.9         125         1 ton capacity         66           MMD-AP0###VHG2UL             Interp           MMD-AP0600VHG2UL         31.3         24.2         57.9         227         5 ton capacity         67	Heat Recovery & Heat	40QQ-0##ABA#-0A0							Interp.
VRF         MMD-AP0###VHG2UL             Interpretended           Vertical AHU         MMD-AP0600VHG2UL         31.3         24.2         57.9         227         5 ton capacity         67	Pump)	40QQ-060ABA6-0A0	46.6	74.4	41.6	425	34" Isolated	l Curb	65
Vertical AHU         MMD-AP06###VHG2UL              Interp           MMD-AP0600VHG2UL         31.3         24.2         57.9         227         5 ton capacity         67		MMD-AP0120VHG2UL	22.3	17.7	46.9	125	1 ton capac	ity	66
MMD-AP0600VHG2UL         31.3         24.2         57.9         227         5 ton capacity         67		MMD-AP0###VHG2UL							Interp.
VMA         38VMA144HDS         31.1         53.8         64.3         782         73           Image: Constraint of the second se	VERTICALATIO	MMD-AP0600VHG2UL	31.3	24.2	57.9	227	5 ton capac	ity	67
	VMA	38VMA144HDS	31.1	53.8	64.3	782			73

#### 2000830-CR-001-R1

















## 2000830-CR-001-R1









#### 2000830-CR-001-R1



anufacturer:	Carrier Corporation	-							
lodel Line:	Indoor Wall Units						TABL		
	nstruction Summary:								
Carbon steel frame w	with plastic cover								
entified Ontions Su									
ertified Options Su 08/230V Single Phas									
oo/2007 Single Fild.									
lounting Configura	tion:		RCO	DEA					
/all Mounted - Rigid		DFU		0.7	M				
ote: Installed mounting	configuration must be of similar	configuratio	n and equiva	alent strengt	n and stiffnes	s to those test	ed.		
uilding Code: CBC 2	0010	Seismic C	ortificatio	n Limite:	S <sub>DS</sub> =	2.0 g z/h	=1.0	= 1.5	
unung code. CBC 2	2019,	Seisinii C	erancatio	n Linnts.	S <sub>DS</sub> =	2.5 g z/h	=0.0	- 1.5	
Model Line	Model	Din	nensions	(in)25	Weight	m	Notes	UU	
		Depth	Width	Height	(lb)				
МК	40MKCB18B-3	B10.2	46.7	13.4	<mark>37.5</mark>	1-1/2 Ton o	cooling only	3	
(High Wall)	40MK# <mark>B##B-</mark> 3							Inter	
(	40MKQB <mark>28B-3</mark>	10.4	1 57,13	13,4	55.1	<mark>2-1/3</mark> Ton l	neating/cooling	4	
МК	40MKCB18F-3	9.3	42	26.6	59.7	1.4 Ton co	oling only	5	
(Low Wall)	40MK#B##F-3					<u></u>		Inter	
	40MKQB48F-3	9.3	65	26.6	98.8	3.9 Ton he	ating/cooling	6	
RAV	RAV-SP180KRT-UL	9	41.3	12.6	36	1.5 Ton he	ating/cooling	15	
(High Wall)	RAV-SP240KRT-UL	9/1	41.3	12.6	36	2 Ton heat	ing/cooling	16	
	40MAQB##B-#		BOIL	DINO				Extra	
MAQ	40MAQB12B-3	7.8	32.87	11.02	19.18	1 Ton heat	ing/cooling	23	
(High Wall)	40MAQB##B-#							Inter	
	40MAQB36B-3	10.16	46.69	13.39	40.12	3 Ton heat	ing/cooling	24	
MBQ	40MBQB09F-3	23.6	27.6	8.3	32.4	3/4 Ton he	ating/cooling	29	
(Low Wall)	40MBQB12F-3	23.6	27.6	8.3	32.4	1 Ton heat	ing/cooling	30	
	MMK-AP0073H2UL	9	41.3	12.6	33	0.58 Ton h	eating/cooling	33	
	MMK-AP0##3H2UL							Inter	
ММК	MMK-AP0243H2UL	9	41.3	12.6	33	2 Ton heat	ing/cooling	34	
(High Wall)	MMK-AP0077HPUL <sup>1</sup>	9.1	31.5	11.6	24			70	
	MMK-AP0##7HPUL <sup>1</sup>		•••					Inter	
	MMK-AP0247HPUL <sup>1</sup>	9.9	41.4	12.6	33			71	
								+	
								+	
								+	

<sup>1</sup>Requires seismic enhancements: Two (2) #8 zip screws add to the plastic housing on top and bottom (4 total)

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#### 2000830-CR-001-R1



Manufacturer:	Carrier Corporation						ΤΔΙ	BLE 2
	Indoor Wall Units							
Certified Product Const								
Carbon steel frame with	n plastic cover							
Certified Options Sumn	nary:							
208/230V Single Phase								
Mounting Configuration	n•		200	DE				
Wall Mounted - Rigid		FO	RCU	DECO	1.			
Note: Installed mounting con	figuration must be of simila					s to those	e tested.	
			<b>NCH</b>	DN			z/h=1.0	
Building Code: CBC 201	9,	Seismic C	ertificatio	on Limits:			z/h=0.0	$I_{P} = 1.5$
	8	Dir	nensions	(in)25	Weight	m		
Model Line	Model	Depth	Width	Height	(lb)		Notes	UUT
MALL	40MAHB <mark>Q12X</mark> A1	B\8.9 in	31.3/	11.6	24			68
MAH (High Wall Residential)	40MAHB <mark>Q##X</mark> A#					0		Interp
(fight wall Residential) -	40MAHB <mark>Q36XA</mark> 3	10.8	44.9	14.6	47.5			69
	40MBFQ123	8.3	27.7	23.6	32.5			57
MBF - Ductless Floor Console	40MBFQ##3		*			$\sim$		Interp
Floor Console	40MBFQ583	9.25	65	26.6	97.5			58
VMW Ductless	40VMW0303 <sup>1</sup>	10	47	13.5	38			72
		VIA	DI	ING C	P.			
		_	BUILI	DING				
1						1		

<sup>1</sup>Requires seismic enhancements: Two (2) #8 zip screws add to the plastic housing on top and bottom (4 total)

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facturer:	Cai	rrier Co	orpora	tion										т		LE 2.
l Line:	Ind	loor W	all Uni	ts												
							or Ref		-							
						MAH	High \	Vall R	eside	ential						
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
EXAMPLE	4	0	м	А	н	В	Q	0	9	x	A	3	0	1	-	-
ALPHA NUMERIC	N	N	A	A	A	A	N	N	A	A	A	N	N	N	A	A
POSITION 1, 2	40 = 1	uct Seri Indoor [ Outdool	Ductless	Unit			RO	s assig		ibers)		Prd-Adm	in.004)			
POSITION 3		u <b>factur</b> e Vlidea	er	L.	1	C	)S	H	PE		×7	Z				
POSITION 4		el letter urrence								he Corp	orate Er	ngineeri	ng Stand	dards De	partme	nt in
	C = Ci D = D F = Fi H = H	Indoor Fan Coil Unit Type C = Cassette D = Ducted F = Floor Console H = High Wall R = Outdoor														
POSITION 6	Majo	r Series	;		-Of					-0	0V					
POSITION 7	C = (	<b>Type:</b> Cooling leat Pur	Only			A	Bu	ILD	INC							
POSITION 8,9		LING CA			Ex.: 2	4 = 24,0	000 BTI	JH etc.								
POSITION 10											<b>itdoor</b> oor Uni	-	pplies	only t	o outo	loors)
POSITION 11		ations Stand														
POSITION 12	ELECT	RICAL (	CHARAG	TERIST	ICS											
		15/1/60 08-230/	1/60													
POSITION 13		ates <b>uni</b> mer rec			esign v	ariatio	ns that	do not	affect	selling	price, co	nfigurat	ion, size	interch	angeabi	lity, or



	Carrier Co	•											TA	BL	.E 2	2.1
lel Line:	Indoor W	all Unit	S			Deferre										
				м		Refere		-	_							
				M	BF Duc	ctless F	·loor u	ONSOL	9							
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
EXAMPLE	4	0	м	В	F	Q	1	2	-	-	-	3	0	1	-	-
ALPHA / NUMERIC	C N	N	Δ	Δ	Δ	A	N	N	A	A	A	N	N	N	A	Δ
POSITION 1, 2	40 =	duct Se = Indoor = Outdo	r Ductle	ess Uni	it	ineerin	g Stan	dards a	assigns	numbe	ers)	(Re	f. Prd	-Adm	n.004)	
POSITION 3		nufactu Midea			0	Sł		2	Ň	ZC						
POSITION 4		del lette partment		ncurren	nce with		spectiv	e produ	uct plan		1	-	jineer	ing St	tandar	ds
POSITION 5	Unif	t Type	H = H	igh Wa	all, C =	Casse	tte, D =	Ducte	ed, F = 1	Floor C	onsole	e, R =	Outd	oor		
		System Type: C = Cooling Only Q = Heat Pump								7	1					
POSITION 6	Sys	COOLING CAPACITY Increments of 1,000 BTUH. Ex.: 12 = 12,000 BTUH etc.														
POSITION 6 POSITION 7, 8	-		САРА	CITY	Incren	nents o	f 1,000	BTUH	. Ex.:	12=12	2,000 I	зтин	etc.			
	COC		Number	r of fan	n coil un	nits con	nected	to the	outdoo	r unit (A				tdoor	units)	
POSITION 7, 8	COC Max A =	OLING	Number 2 C = 3	r of fan	n coil un	nits con	nected	to the	outdoo	r unit (A				tdoor	units)	
POSITION 7, 8 POSITION 9	COC Max A =	OLING kimum N 1 B = 2	Number C = 3	r of fan	n coil un	nits con	nected	to the	outdoo	r unit (A				tdoor	units)	
POSITION 7, 8 POSITION 9 POSITION 10	COC Max A = - = - =	OLING kimum N 1 B = 2 Not de	Number C = 3 fined	r of fan D = 4 E		nits con = 6 G = BUIL	nected = 7 H =	to the 8 J = 9	outdoo 9 +=	r unit (A	Applies			tdoor	units)	
POSITION 7, 8 POSITION 9 POSITION 10 POSITION 11	COC Max A = - = - = ELE Indic	OLING (imum N 1 B = 2 Not de Not de	Number C = 3 fined fined AL CH nit cha	r of fan D = 4 E IARAC	E = 5 F	TIC S	1 = 115	to the 8 J = 9 6	outdoo 9 - = 3 = 2	208-230	Applie:	s only	to out			
POSITION 7, 8 POSITION 9 POSITION 10 POSITION 11 POSITION 12	COC Max A = - = ELE Indic inter	OLING kimum N 1 B = 2 Not de Not de ECTRIC cates un	Number C = 3 fined fined AL CH nit cha	r of fan D = 4 E IARAC	E = 5 F	TICS	nected = 7H = DIN 1 = 115 iations ments.	to the 8 J = 9 5/1/60 that do	outdoo 9 <= 3 = 2 0 not at	208-230 ffect sel	Applies D/I/60 Iling pi	s only	to out	uratior	n, size	
POSITION 7, 8 POSITION 9 POSITION 10 POSITION 11 POSITION 12 POSITION 13	COC Max A = - = ELE Indic inter	Not de CTRIC Cates un rchange	fined fined ALCH nit cha eability,	r of fan D = 4 E IARAC	E = 5 F	TICS	nected = 7H = DIN 1 = 115 iations ments.	to the 8 J = 9 5/1/60 that do	outdoo 9 <= 3 = 2 0 not at	208-230 ffect sel	Applies D/I/60 Iling pi	s only	to out	uratior	n, size	



Manufacturer:	Carrier Corporation						TABLE	: 3
Model Line:	Indoor Ceiling Units						IADLI	
Certified Product Cons								
Carbon steel frame wit	h plastic or carbon stee	l cover						
Certified Options Sum	-							
208/230V Single Phase								
Mounting Configuration	on:		D COI					
Ceiling Suspended/Mo		nFC	RCOL	DECO	10.			
•	nfiguration must be of similar					s to those tested.		
	10	Saiamie C		PD.	S <sub>DS</sub> =	2.0g z/h=1.0		1.5
Building Code: CBC 20	19,	Seismic C	ertificatio	n Limits:	S <sub>DS</sub> =	2.5 g z/h=0.0	1 <sub>P</sub> -	1.5
Model Line	Model	Dij	nensions	(in25	Weight	No	tes	UUT
Model Line	Model	Depth	Width	Height	(lb)	NO	les	001
МК	40MKC <mark>B18F-3<sup>1</sup></mark>	B\9.3 in	not <sup>42</sup> V	26.6	59.7	1.4 Ton cooling	only	7
(Underceiling)	40MKX <mark>B##F-3<sup>1</sup></mark>				•••			Interp.
(ondereeting)	40MKQB <mark>48F-3<sup>1</sup></mark>	9.3	10653	26.6	<mark>9</mark> 8.8	3.9 Ton heating	g/cooling	8
RAV	RAV-SP180UT-UL	33.1	33.1	10.1	44	1.5 Ton heating	g/cooling	13
(Four Way Cassette)	RAV-SP###UT-UL		*		6	<b>~</b> ./		Interp.
(,	RAV-SP420UT-UL	33.1	33.1	12.6	53	3.5 Ton heating	g/cooling	14
RAV	RAV-SP180CT-UL <sup>3</sup>	26.8	35.8	8.3	44	1.5 Ton heating	g/cooling	11
(Underceiling)	RAV-SP###CT-UL <sup>3</sup>	'.V./A	Riii	ING C		•••		Interp.
(8/	RAV-SP420CT-UL <sup>3</sup>	26.8	62.8	8.3	73	3.5 Ton heating	g/cooling	12
MBQ	40MBQB09C-3	25.47	25.47	12.21	40.8	0.75 Ton heatir	ng/cooling	27
(Four Way Cassette)	40MBQB##C-3					•••		Interp.
(,	40MBQB18C-3	25.47	25.47	12.21	45.2	1.5 Ton heating	g/cooling	28
	40MBQB09D-3 <sup>1</sup>	25	27.56	8.27	39.9	0.75 Ton heatir	ng/cooling	25
MBQ	40MBQB###-3 <sup>1</sup>					•••		Interp.
(Duct System)	40MBQB24D-3 <sup>1</sup>	25	36.22	10.63	57.3	2 Ton heating/	cooling	26
(= = = = ) = = =,	40MBQB36D-3 <sup>2</sup>	30.51	44.88	10.63	77.2	3 Ton heating/	cooling	41
	40MBQB48D-3 <sup>2</sup>	34.06	47.24	11.81	99.2	4 Ton heating/	cooling	42
MBCQ	40MBCQ093	25.5	25.5	12.5	37.5	Dimensions inc	lude nlastic	43
(Four Way Cassette)	40MBCQ##3					panel	adde plastie	Interp.
	40MBCQ483	37.4	37.4	13.5	77.5			44
<sup>1</sup> Requires seismic enha	ancements: (6) #10 self-t	apping scr	ews in eac	h mountir:	ng bracket	(24 total)		
Requires seismic enha	ancements: (4) #10 self-t	apping scr	ews in eac	h mountir:	ng bracket	(16 total)		
<sup>3</sup> Requires seismic enha	ancements: (4) #10 wash	ers at bolt	head con	necting su	pport brac	<u>ket to plastic co</u>	ver (4 total)	

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#### 2000830-CR-001-R1



Manufacturer:	Carrier Corporation					TABLE	: 2
Model Line:	Indoor Ceiling Units						
Certified Product Cons	truction Summary:						
Carbon steel frame wit	h plastic or carbon stee	l cover					
Certified Options Sum							
208/230V Single Phase							
			- 001				
Mounting Configuratio		FC	RCUI	DECO			
Ceiling Suspended/Mo	unted - Rigid nfiguration must be of similar					se to those tested	
	miguration must be of similar	comguratio				<b>2.0 g z/h=1.0</b>	
Building Code: CBC 20.	19,	Seismic C	ertificatio	n Limits:		$I_P = 2.5 g z/h=0.0$	1.5
	E E	Diu	nensions	(in 25)	Weight	2.5 g 2/11-0.0	
Model Line	Model	Depth	Width	Height	(lb)	Notes	UUT
	MMU-AP0074HPUL	<sub>B</sub> 37.4in	37.4/	l Plan	44	Dimensions include plastic	47
MMU (Four Way Cassette)	MMU-AP0 <mark>###H</mark> PUL					panel	Interp.
	MMU-AP0 <mark>484HP</mark> UL	37.4	37.4	12.6	67		48
	MMU-AP0544HPUL	37.4	37.4	12.6	67	Identical to UUT 48-software	Extrap.
1010	MMC- AP0181H2UL	26.8	35.8	8.3	46	1.5 Ton heating/cooling	35
MMC (Underceiling)	MMC- AP###1H2UL				V		Interp.
(Undercenting)	MMC- AP0421H2UL	26.8	62.8	8.3	75	3.5 Ton heating/cooling	36
MDDO	40MBDQ093	19.9	27.6	7.9 C	47		45
MBDQ (Duct System)	40MBDQ##3 <sup>4</sup>		BOIL	JINO			Interp.
(Duct System)	40MBDQ583 <sup>4</sup>	33.8	55.1	11.8	182		46
MMD	MMD-AP0246HPUL	29.5	39.3	11.7	76.5		51
MMD (High Static Duct)	MMD-AP0###H###L						Interp.
(Ingli Static Duct)	MMD-AP0966HP-UL	35.4	55.1	17.6	218		52
	MMD-AP0074BH2UL	31.5	21.7	12.6	64	0.58 Ton heating/cooling	37
	MMD-AP###4BH2UL						Interp.
MMD	MMD-AP0484BH2UL	31.5	53.2	12.6	119	4 Ton heating/cooling	38
(Concealed Duct)	MMD-AP0076BHPUL	29.5	27.6	9.3	54		49
	MMD-AP0###BHPUL						Interp.
	MMD-AP0546BHPUL	29.5	55.1	9.3	90.5		50
	RBM-Y0383FUL	6.3	9.77	7.49	11	0 to 3 ton capacity	39
RBM	RBM-Y0613FUL	6.3	9.77	7.49	13	3 to 5 ton capacity	Interp.
(Flow Slector Unit)	RBM-Y0963FUL	7.88	15.8	7.88	20	5 to 8 ton capacity	40
	RBM-Y0384FUL	11.8	19.4	7.1	25		53
<sup>+</sup> Requires seismic enha	ncements: (4) 1/4" self-	tapping sc	rews in ea	ch mounti	ng bracket	t (16 total)	

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#### 2000830-CR-001-R1



Manufacturer:	Carrier Corporation							
Model Line:	Indoor Ceiling Units							BLE 3
Certified Product Cons								
	h plastic or carbon stee	l cover						
<b>Certified Options Sum</b> 208/230V Single Phase								
<i>Mounting Configuratio</i> Ceiling Suspended/Mo Note: Installed mounting co				DE CO, alent strengtl	n and stiffnes			
Building Code: CBC 20	19,	Seismic C	ertificatio	n Limits:		2.0 g 2.5 g	z/h=1.0 z/h=0.0	I <sub>P</sub> = 1.5
Model Line	Model	Dir Depth	nensions Width	(in) 5 Height	Weight (lb)		Notes	UUT
	RBM-Y0611F4PUL	22.4 n	28.8/	1 <b>8</b> ,5ar	83.5			55
RBM	RBM-Y0###FCPUL <sup>5</sup>			• <u> </u>		0		Interp.
(Flow Slector Unit)	RBM-Y0611F6PUL <sup>5</sup>	_22.4	44.1	8.5	117			56
		DATE:	10/13/	2021				
	2		+					
					N V	/		
		0			~~·/			
		TNIA		. C C	0			
		A	BUILI	DING				
5				 		4.6.	· - 1)	
Requires seismic enha	ancements: (4) 1/4" self-	tapping sc	rews in ea	ch mounti	ng bracket	: (16 to	tal)	





## 2000830-CR-001-R1











lanufacturer:	Carrier Corporation	TABLE 3.1
lodel Line:	Indoor Ceiling Units	
	For Reference Only	
	RBM	
1 2 3 O O O ©	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	(Max. 15 Characters)
<ol> <li>Product Classifica</li> </ol>	ation RBM: Options for multi air-conditioner	
2 Unit	Y:FS unit	
③ Capacity Class	SV:Shut-off Valve box Capacity(kW) : Euro, Asia, LO model	
	Capacity(kBtu/h): North America	
Development Nu     Type	mber 1~9, or Blank CODE COL	
6 Control Type	(Blank):No comminication or TCC-LINK	
⑥ Control Type	U: TCC-LINK.U	
⑦ Branch	(Blank):1 branch 2~16:The number of branch	
8 Factory	(blank):Japan P:Thailand SP-0125	
③ Area Classification	E: Export (Not include North America)	
	BY: I Moth America	
R B M	- Y 0 6 1 3 4 5 0000 U L	
R B M	- Y 0 6 DATE 10/13/2021 4 P U L - 0 0 0 0 0 0 0 0 0 0 2 0 0 0 0 0 0 0 0 0	
	- Y 0 0 DATE: 10/13/2021 4 P 0 C	

#### 2000830-CR-001-R1



Manufacturer: Model Line:	Carrier Corporation 40QQ		Table Description: Accessories     TAB				
Building Code: CBC 20	19,	Seismic Certification	on Limits: $S_{DS} = 2.0 g z/h = 1.0$ $S_{DS} = 2.5 g z/h = 0.0$	I <sub>P</sub> = 1.5			
Component Type	Manufacturer	Model	RCODEDescription	Notes	UUT		
Pulse Motor Valve Kit	Carrier Corporation	RBM-A0121GUL		Tested rigid and isolated	64, 65		
Pulse Motor valve Kit	Carrier Corporation	RBM-A0961GUL	DSHPD 7	Tested rigid and isolated	64,65		
		RBM-Y0383-FUL		<b>T</b>	64,65		
		RBM-Y0384-FUL	DSP-0125	Tested rigid and isolated	64,65		
		RB <mark>M-Y03</mark> 83-FUL			39		
Flow Selector	Carrier Corporation	RBM-Y0384-FUL <sub>RV</sub> .Ti	mothy J Piland		53		
		RBM-Y0613FUL		Ceiling suspended	Interp.		
		RBM-Y0963FUL	10/12/2021	-	40		
DX Controller	Carrier Corporation	TCB-IFDA1-GUL)	10/13/2021	Tested rigid and isolated	64,65		
Electric Heat	Carrier Corporation	CRHEATER337A00	1	Tested rigid and isolated	65		
		PEBD-SRT12CA-XXXX-XXX-X			Extrap.		
		PEBD-SRT12CA-D2DH-2AY	JADE, backward inclined (Cyclone), 208/230V	Mounted to unit on a rigi	d curb 78		
Vertical Economizer	MicroMetl	PEBD-SRT12CA-XXXX-XXX-X			Interp.		
with Power Exhaust	Micromett	PEBD-SRT12CA-D0DB-4AY-4	Belimo, backward inclined (Cyclone), 460V	Mounted to unit on an iso	olated curb 77		
		PECD-SRT12CA-D0DB-2L1-4	Belimo, w/Power exhaust 208/230V		Interp.		
		PECD-SRT12CA-D2DH-2L1	JADE, w/Power exhaust 208/230V		Interp.		
		PECD-SRT12CA-D0DB-4L1-4	Belimo, w/Power exhaust 460V		Interp.		
		PECD-SRT12CA-D2DH-4L1	JADE, w/Power exhaust 460V	Mounted to unit on an ise	· · · ·		

#### 2000830-CR-001-R1



Manufacturer: Model Line:	Carrier Corporation 40QQ		Table Description: Accessories		TABLE 4
Building Code: CBC 2	019,	Seismic Certificati	on Limits: $S_{DS} = 2.0 g z/h = 1.0$ $S_{DS} = 2.5 g z/h = 0.0$	I <sub>P</sub> = 1.5	
Component Type	Manufacturer	Model	RCODEDescription	Notes	UUT
Horizontal		PECH-SRT12CA-D2DH-4L1	JADE, w/Power exhaust 460V		Extrap
Economizer with	MicroMetl	PECH-SRT12CA-D2DH-4L1-4	JADE, w/Power exhaust 208/230V		Extrap
Power Exhaust		PECH-SRT12CA-D0DB-4L1-4	Belimo, w/Power exhaust 460V		Extrap
		PECH-SRT12CA-D0DB-2L1-4	Belimo, w/Power exhaust 208/230V		Extrap
		PEBH-SRT12CA-D0DB-2AY-4	Belimo Only, backward inclined (Cyclone), 208/230V I Piland	Tested rigid wall/based	mounted 74
Horizontal Economizer with MicroMetl	PEBH-SRT12CA-D2DH-2AY	JADE, backward inclined (Cyclone), 208/230V		Interp	
Power Exhaust			Belimo, backward inclined (Cyclone), 460V		Interp
		PEBH-SRT12CA-D2DH-4AY	JADE, backward inclined (Cyclone), 460V	Tested rigid wall/based	mounted 75
		TVI/	COT		
			BUILDING		

#### 2000830-CR-001-R1



Manufacturer: Model Line:	Carrier Corporation 40QQ		Table Description: Accessories	TABI				
Building Code: CBC 20	19,	Seismic Certification	Seismic Certification Limits: $S_{DS} = 2.0 g  z/h = 1.0$ $S_{DS} = 2.5 g  z/h = 0.0$ $I_{P} = 1.5$					
Component Type	Manufacturer	Model	RCODEDescription	Note	s UUT			
Pulse Motor Valve Kit	Carrier Corporation	RBM-A0121GUL		Tested rigid and isolat	64, 65			
Pulse Motor valve Kit	Carrier Corporation	RBM-A0961GUL	DSHPD 7	Tested rigid and isolate	eu 64,65			
		RBM-Y0383-FUL		Taskad sisid and isolat	64,65			
		RBM-Y0384-FUL	OSP-0125	Tested rigid and isolate	ed 64,65			
		RB <mark>M-Y03</mark> 83-FUL			39			
Flow Selector	Carrier Corporation	RBM-Y0384-FUL	mothy J Piland		53			
		RBM-Y0613FUL		Ceiling suspended	Interp.			
		RBM-Y0963FUL	10/13/2021	-	40			
DX Controller	Carrier Corporation	TCB-IFDA1-GUL)	10/13/2021	Tested rigid and isolate	ed 64,65			
Electric Heat	Carrier Corporation	CRHEATER337A00	*	Tested rigid and isolate	ed 65			
		PEBD-SRT12CA-XXXX-XXX-X			Extrap.			
		PEBD-SRT12CA-D2DH-2AY	JADE, backward inclined (Cyclone), 208/230V	Mounted to unit on a ri	igid curb 78			
Vertical Economizer	MicroMetl	PEBD-SRT12CA-XXXX-XXX-X			Interp.			
with Power Exhaust	Micromett	PEBD-SRT12CA-D0DB-4AY-4	Belimo, backward inclined (Cyclone), 460V	Mounted to unit on an	isolated curb 77			
		PECD-SRT12CA-D0DB-2L1-4	Belimo, w/Power exhaust 208/230V		Interp.			
		PECD-SRT12CA-D2DH-2L1	JADE, w/Power exhaust 208/230V		Interp.			
		PECD-SRT12CA-D0DB-4L1-4	Belimo, w/Power exhaust 460V		Interp.			
		PECD-SRT12CA-D2DH-4L1	JADE, w/Power exhaust 460V	Mounted to unit on an				

#### 2000830-CR-001-R1



Manufacturer: Model Line:	Carrier Corporation 40QQ		Table Description: Accessories		TABLE 4
Building Code: CBC 2019,		Seismic Certification Limits: S <sub>DS</sub> = 2.0 g z/h = 1.0 S <sub>DS</sub> = 2.5 g z/h = 0.0		l <sub>P</sub> = 1.5	
Component Type	Manufacturer	Model	RCODEDescription	Note	es UUT
Horizontal		PECH-SRT12CA-D2DH-4L1	JADE, w/Power exhaust 460V		Extra
Economizer with	MicroMetl	PECH-SRT12CA-D2DH-4L1-4	JADE, w/Power exhaust 208/230V		Extra
Power Exhaust		PECH-SRT12CA-D0DB-4L1-4	Belimo, w/Power exhaust 460V		Extra
		PECH-SRT12CA-D0DB-2L1-4	Belimo, w/Power exhaust 208/230V		Extra
Horizontal Economizer with Power Exhaust	MicroMetl	PEBH-SRT12CA-D0DB-2AY-4	Belimo Only, backward inclined (Cyclone), 208/230V	Tested rigid wall/base	ed mounted 74
		PEBH-SRT12CA-D2DH-2AY	JADE, backward inclined (Cyclone), 208/230V		Inter
		PEBH-SRT12CA-D0DB-4AY-4	Belimo, backward inclined (Cyclone), 460V		Inter
		PEBH-SRT12CA-D2DH-4AY	JADE, backward inclined (Cyclone), 460V	Tested rigid wall/base	ed mounted 75
		TNI	BUU DING		
			BUILDING		

# **TRU** COMPLIANCE

#### 2000830-CR-001-R1

Manufacturer	•					
Model Line:	MBFQ/MARBQ/MBRB0	Q/MAP/QQ/MMD/MMK/MAHB0	2/MBCQ/MBDQ/MMU/MMD/F	₹BM	<del></del>	<del></del>
υυτ	Unit Description	Report Number	Testing Laboratory	$\mathbf{S}_{DS}$	z/h	I <sub>P</sub>
1	24AHA-418-A003	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
2	25HHA-460-A006	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
3	40MKCB18B-3	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
4	40MKQB28B-3	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
5	40MKCB18F-3	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
6	40MKQB48F-3	16043-TR-001 Rev. 125	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
7	40MKCB18F-3	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
8	40MKQB48F-3	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
9	RAV-SP180AT2-UL	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
10	RAV-SP420AT2-UL	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
11	RAV-SP180UT2-UL	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
12	RAV-SP420UT2-UL	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
13	RAV-SP180CT-UL	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
14	RAV-SP420CT-UL	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
15	RAV-SP180KRT-UL	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
16	RAV-SP420KRT-UL	16043-TR-001 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5

# **TRU** COMPLIANCE

Manufacturer Model Line:	•	Q/MAP/QQ/MMD/MMK/MAHB0	Q/MBCQ/MBDQ/MMU/MMD/F	RBM		
UUT	Unit Description	Report Number	Testing Laboratory	S <sub>DS</sub>	z/h	I <sub>P</sub>
17	38MAQB09R-1	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
18	38MAQB36R-3	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
19	38MBRQ36A-3	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
20	38MBRQ48A-3	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
21	38MGQ18B-3	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
22	38MGQ48E-3	16043-TR-002 Rev. 125	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
23	40MBQ09B-3	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
24	40MAQB36B-3	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
25	40MBQB09D-3	DATE: 10/13/202 16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
26	40MBQB24D-3	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
27	40MBQB09C-3	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
28	40MBQB18C-3	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
29	40MBQB09F-3	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
30	40MBQB12F-3	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
31	MMY-MAP0726HT9UL	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
32	MMY-MAP1686FT6UL	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5

# **TRU** COMPLIANCE

Manufacturer: Model Line:	•	Q/MAP/QQ/MMD/MMK/MAHB0	Q/MBCQ/MBDQ/MMU/MMD/I	RBM		
UUT	Unit Description	Report Number	Testing Laboratory	S <sub>DS</sub>	z/h	I <sub>P</sub>
33	MMK-AP0073H2UL	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
34	MMK-AP0243H2UL	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
35	MMC-AP0181H2UL	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
36	MMC-AP0421H2UL	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
37	MMD-AP0074BH2UL	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
38	MMD-AP0484BH2UL	16043-TR-002 Rev. 125	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
39	RBM-Y0383FUL	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
40	RBM-Y0963FUL	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
41	40MBQB36D-3	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
42	40MBQB48D-3	16043-TR-002 Rev. 1	Pacific Earthquake Engineering Research Center (PEER)	2.0 2.5	1.0 0.0	1.5
43	40MBCQ093	2000830-TR-001-R0	CEnvironmental Testing Laboratory (ETL)	2.0 2.5	1.0 0.0	1.5
44	40MBCQ483	2000830-TR-001-R0	Environmental Testing Laboratory (ETL)	2.0 2.5	1.0 0.0	1.5
45	40MBDQ093	2000830-TR-001-R0	Environmental Testing Laboratory (ETL)	2.0 2.5	1.0 0.0	1.5
46	40MBDQ583	2000830-TR-001-R0	Environmental Testing Laboratory (ETL)	2.0 2.5	1.0 0.0	1.5
47	MMU-AP074HPUL	2000830-TR-001-R0	Environmental Testing Laboratory (ETL)	2.0 2.5	1.0 0.0	1.5
48	MMU-AP0484HPUL	2000830-TR-001-R0	Environmental Testing Laboratory (ETL)	2.0 2.5	1.0 0.0	1.5
49	MMD-AP0077BHPUL	2000830-TR-001-R0	Environmental Testing Laboratory (ETL)	2.0 2.5	1.0 0.0	1.5



Manufacturer:	Carrier Corporation					
Model Line:	MBFQ/MARBQ/MBRB	Q/MAP/QQ/MMD/MMK/MAHB	Q/MBCQ/MBDQ/MMU/MMD/	RBM		-
υυτ	Unit Description	Report Number	Testing Laboratory	S <sub>DS</sub>	z/h	Ι <sub>Ρ</sub>
50	MMU-AP0546BHPUL	2000830-TR-001-R0	Environmental Testing	2.0	1.0	1.5
50		2000030-11-001-10	Laboratory (ETL)	2.5	0.0	1.5
51	MMD-AP00246HPUL	2000830-TR-001-R0	Environmental Testing	2.0	1.0	1.5
51		2000030 11 001 10	Laboratory (ETL)	2.5	0.0	1.5
52	MMD-AP00966HPUL	2000830-TR-001-R0	Environmental Testing	2.0	1.0	1.5
52		2000030 11 001 10	Laboratory (ETL)	2.5	0.0	1.5
53	RBM-Y0384FUL	2000830-TR-001-R0	Environmental Testing	2.0	1.0	1.5
		CORCUDE	Laboratory (ETL)	2.5	0.0	1.5
54		Not Used	d			
55	RMB-Y0611F4PUL	2000830-TR-001-R0	Environmental Testing	2.0	1.0	1 5
55	RMB-10011F4PUL	2000830-TR-001-R0	Laboratory (ETL)	2.5	0.0	1.5
50	RMB-Y06116PUL	005P-0125	Environmental Testing	2.0	1.0	1 5
56	RMB-106116POL	2000830-TR-001-R0	Laboratory (ETL)	2.5	0.0	1.5
57	40MDE012 2	2000020 TD 001 D0 0	Environmental Testing	2.0	1.0	1.5
51	40MBFQ123	B 2000830-TR-001-R0 Pil	anc <sub>Laboratory</sub> (ETL)	2.5	0.0	1.5
58	40MBFQ583	2000830-TR-001-R0	Environmental Testing	2.0	1.0	1.5
56	40MDI Q383	DATE 10/13/202	Laboratory (ETL)	2.5	0.0	1.5
59	38MARBQ12AA1	2000830-TR-001-R0	Environmental Testing	2.0	1.0	1.5
59	36MARDQ12AA1	2000830-1R-001-R0	Laboratory (ETL)	2.5	0.0	1.5
60	38MARBQ36AA3	2000830-TR-001-R0	Environmental Testing	2.0	1.0	1.5
60	SOMARDQSOAAS	2000830-18-001-80	Laboratory (ETL)	2.5	0.0	1.5
61	38MBRQ36AA3	2000830-TR-001-R0	<b>Environmental Testing</b>	2.0	1.0	1.5
10	SOMDRUSOAAS	2000830-1 R-001-R0	Laboratory (ETL)	2.5	0.0	1.5
62	201400040442	2000830-TR-001-R0	Environmental Testing	2.0	1.0	1 5
62	38MBRQ48AA3	2000830-18-001-80	Laboratory (ETL)	2.5	0.0	1.5
63		2000830-TR-001-R0	Environmental Testing	2.0	1.0	1.5
03	MCY-MAP0607HS-UL	2000830-18-001-80	Laboratory (ETL)	2.5	0.0	1.5
64	40QQ-036AB3-0A0	2000071 TD 001 D0	Environmental Testing	2.0	1.0	1 5
04	40QQ-030AD3-0A0	2000971-TR-001-R0	Laboratory (ETL)	2.5	0.0	1.5
C.F.	40QQ-060ABA6-0A0	2000971-TR-001-R0	Environmental Testing	2.0	1.0	1 5
65	40QQ-060ABA6-0A0	2000971-18-001-80	Laboratory (ETL)	2.5	0.0	1.5
		2000220 TD 001 D0	Environmental Testing	2.0	1.0	1 5
66	MMD-AP0120VHG2UL	2000830-TR-001-R0	Laboratory (ETL)	2.5	0.0	1.5
67		2000220 TD 001 D0	Environmental Testing	2.0	1.0	1 5
67	MMD-AP0600VHG2UL	2000830-TR-001-R0	Laboratory (ETL)	2.5	0.0	1.5



Manufactur Model Line:	•	Q/MAP/QQ/MMD/MMK/MAHB	O/MBCO/MBDO/MMU/MMD/	RBM		
UUT	Unit Description	Report Number	Testing Laboratory	S <sub>DS</sub>	z/h	I <sub>P</sub>
68	40MAHBQ12XA1	2000830-TR-001-R0	Environmental Testing	2.0	1.0	1.5
00	40MAIIBQ12AA1	2000030-18-001-80	Laboratory (ETL)	2.5	0.0	1.5
69	40MAHBQ36XA3	2000830-TR-001-R0	Environmental Testing	2.0	1.0	1.5
05	400010020000	2000030-11-001-10	Laboratory (ETL)	2.5	0.0	
70	MMK-AP0077HPUL	2000830-TR-001-R0	Environmental Testing	2.0	1.0	1.5
10		2000030-11-001-10	Laboratory (ETL)	2.5	0.0	1.5
71	MMK-AP0247HPUL	2000830-TR-001-R0	<b>Environmental Testing</b>	2.0	1.0	1.5
11	MMR-AF0247 HF0L	2000830-1 1-001-10	Laboratory (ETL)	2.5	0.0	1.0
72	40VMW0303	2000830-TR-001-R0	Environmental Testing	2.0	1.0	1.5
12	4001000303	2000830-18-001-80	Laboratory (ETL)	2.5	0.0	1.3
72		2000830-TR-001-R0	Environmental Testing	2.0	1.0	1.
73	38VMA144HDS	2000830-TR-001-R0	Laboratory (ETL)	2.5	0.0	1.5
	PEBH-SRT12CA-D0DB-2AY-4	OSP_0125	Environmental Testing	2.0	1.0	
74		2000971-TR-001-R0	Laboratory (ETL)	2.5	0.0	1.
	PEBH-SRT12CA-D2D <mark>H-4A</mark> Y	B 2000971-TR-001-R0 Pil	Environmental Testing	2.0	1.0	
75			and <sub>Laboratory</sub> (ETL)	2.5	0.0	1.
	48FCTN07M3R6A3A5F0	2000971-TR-001-R0	Environmental Testing	2.0	1.0	1.5
76		DATE (401/6) 3/202	Laboratory (ETL)	2.5	0.0	
		2000971-TR-001-R0	Environmental Testing	2.0	1.0	
77	48GCLN06M3R6A2A0D0	(UUT 7)	Laboratory (ETL)	2.5	0.0	1.
	48GCL04ALF5A0A0F0	2000971-TR-001-R0	Environmental Testing	2.0	1.0	
78		(UUT 8)	Laboratory (ETL)	2.5	0.0	1.
		ANIA BUILDING	Cohronitiy (114)			
lotes:					1	1
### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								4
Model Line:	24AHA/25I	HHA						ļ	JUT	T
Model Number:	24AHA-418	3-A003			Serial Nı	umber:	3716X94	714		
Product Construe	tion Summary:									
Carbon steel hou	sing									
Options/Subcom										
Cooling only, sing	gle phase 208/230	V								
			OD CI							
		EDF	ORC	ODEC	OMD.					
		EN C		operties		T.				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSHe	right 25	Front	-Back	Side	-Side	Ver	tical
146	14.6	36.9	3	1.1	11	1.2	23	3.6	>3	3.3
		UUT Highest	Passed Se	eismic Run	Informa	tion		•	•	
Buildir	ng Code	<b>Test Criter</b>	ia	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC	2019	ICC-ES ACL	56 0/1	3/202	1.0 0.0	1.5 1.5	3.2	2.4	1.67	0.67
Test Mounting De	etails:	2		2.0	0.0					
		FORNI	ABUI	DING	GODE					
				T1 1260		t				
				Carrier			-			
		++++++++++++++++++++++++++++++++++++++			-					
	the second is	8		ļ	PT-		-			
						-	-			
	E 1- 300									
		the start	-			-				
	No cale and the	3 SO S		100						
[he      IT was rigi	t floor mounted	using six (6) 3/8" Grac	le 8 Rolte							
-		ty and remained func			urer real	uirement.				
	-	per operating condit								

### 2000830-CR-001-R1



Model Line:	currier ce	orporation								<b>`</b>
	24AHA/25	БННА						ľ	JUT	2
Model Number:	25HHA-46	50-A006			Serial Num	nber:	3616X90	140		
Product Construc	tion Summary:									
Carbon steel hous	sing									
Options/Subcom	nonent Summa	rv								
Heating and cooli										
C										
			ORCO	DDEC						
		EDE	ORCO	WWWWWW	Mp.					
		C.N.		operties		7				
Weight		Dimension (in)	00111	opercies		Lowes	t Natural	Frequen	cv (Hz)	
(lb)	Depth	<b>Width</b>	OSHe	ight 25	Front-B		T	-Side	r	tical
245	17.1	44.5		3.1	5.8		13	8.8	>3	3.3
		UUT Highest	t Passed Se	ismic Run	Informatio	on			-	-
Buildir	ig Code	O Test Crite	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (
CBC 2	019	ICC-ES AC156	(2018)	3/2:021	1.0	1.5	3.2	2.4	1.67	0.67
				2.5	0.0	1.5				
Test Mounting De	tails:	T.				51				
					IN AST		1 - al	6		
								COLUMN TWO IS NOT		
		2-0-		Deca		1				
				DING		1				
				PULZ 21016		1				
				I PUT2 2404		1				
				DUI2 1404						
				DINC DUI2 mak						
				Carrier						
				DIN2 ma						
				Correct						
				Corriso						
				COLOR						
				Correction of the second secon						
-		using six (6) 3/8" Gra								

### 2000830-CR-001-R1



	Carrier Co	rporation						-		•
Model Line:	40MK								JUT	3
Model Number:	40MKCB18	3B-3			Serial Nu	ımber:	2816V00	518		
Product Constru	ction Summary:									
Carbon steel int	ernal frame; plast	ic outer cover								
<b>Options/Subcor</b>	nponent Summar	<i>y</i> :								
		E	ORC	ODE C						
		EDF			MS					
		C.N.L		and the second						
Waight	r	Dimension (in)	001 Pr	operties		Y	t Natural	<b>F</b> wo <b>m</b> o m	(11-)	
Weight (lb)	Depth	Width	OSP	eight 25	Eront	-Back	1	-Side	ī	ical
37.5	10.2	46.7	1	.3.4		/A	-	-Siue /A		.icai /A
51.5	10.2	UUT Highest						/A	IN,	A
Build	ing Code	Test Criter		S <sub>DS</sub> (g)	z/h		A <sub>FLX-H</sub> (g)	Δ	A <sub>FLX-V</sub> (g)	Δ(σ)
	-			2.0	1.0	1.5				
CBC	2019	ICC-ES AC156		PIZUZI	0.0	1.5	3.2	2.4	1.67	0.67
	Details:	121		+		2				
Test Mounting <b>D</b>				1 44 10 1		2				
Test Mounting L										
Test Mounting L		1 KOD								
Test Mounting L		15 IRORNI			CODY				at a to	
Test Mounting L		I IRORIU	A BUI	LDING	CODE					1111
Test Mounting L		I I I ORIU	A BUI	LDING	CODY					
Test Mounting L		CHUR NI	A BUI	LDING	coor					
Test Mounting L			A BUI	LDING	CODY					
Test Mounting D	UUT3		A BUI	LDING	CODE					
Test Mounting L			A BUI	LOING	COOL					
Test Mounting L			A BUI	LDING	CODY					
Test Mounting L			A BUI	LOING	COOT					
Test Mounting L			ABUI	LDING	COUL					
Test Mounting L			ABUI	LOING	COUL					

The UUT was rigid wall mounted using nineteen (19) #12 sheet metal screws. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	40MK								JUT	4
Model Number:	40MKQB28	3B-3			Serial Nu	umber:	2515V00	550		
Product Constru	uction Summary:									
Carbon steel int	ernal frame; plasti	c outer cover								
	_									
Options/Subcoi	nponent Summar	y:								
			- 2 C	ODC						
		nF	OKC	ODE C	OMD,					
		NEDF			MAD/					
				operties		7				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSR	eight 25	Front	t-Back	Side	-Side	Ver	tical
55.1	10.4	57.1		.3.4		/A	N	/A	N	I/A
		UUT Highest		<del>, o ,                                 </del>				1		r —
Build	ing Code	Test Crite	ria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
СВС	2019	ICC-ES AC156	(2018)/1	3/202	1.0	1.5	3.2	2.4	1.67	0.67
Tost Mounting	Dataila			2.5	0.0	1.5				
Test Mounting I	Jetans.	P	1			20				
		THE PR			- A			1	-	
		RI		MWANN IN C	copr					
			ABUI	LDING	1		-			A States
		Start Sale		2		-				
1			-		and and a			-		al .
			-				1	-	- (	
1.	-		and a						-	
		F O	Lan -		-					
1				Contraction of the	2	0 10				
		Contraction of the	in .							1
			T	- n -						1 -
					6					A CONTRACT
-	·	using twenty two (22)	#12 ab a a	+ maatal						

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation						_		
Model Line:	40MK							ו	JUT	5
Model Number:	40MKCB18	3F-3			Serial Nu	ımber:	4515V00	035		
Product Construe	ction Summary:									
Carbon steel inte	rnal frame; plasti	ic outer cover								
Options/Subcom	ponent Summar	<i>y</i> :								
			200							
		.0	FORCO		011					
		NED			Nº2					
		4		operties		Z				
Weight		Dimension (in)		0405			t Natural	-		
(lb)	Depth	Width		ight 25		-Back		-Side		tical
59.7	42	9.3		6.6	N,		N	/A	N	/A
DIdi.			st Passed Se				<b>1</b> (-)	a (-)	<b>a</b> (-)	A (-)
Buildir	ng Code	Test Crit	eria	<b>S</b> <sub>DS</sub> (g)	<b>z/h</b> 1.0	ι <sub>Ρ</sub> 1.5	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2	2019	ICC-ES AC15	6 (2018)	3/202 2.5	0.0	1.5	3.2	2.4	1.67	0.67
Test Mounting De	etails:			2.5	0.0	2				
		SP.				<b>N</b>		to the of	1	100
		0						1		1
Contraction of the second		TA	A BUIL	Marrie I G	COL		_		,	
			BOIL	DINO		100				
						-	13.0		Nº Nº	
										3
									1	5
States of the local division of the		-	-			-				36
and and a second										
and the second							3			
							5			1
		and the second se		1.		L. 3059	100			
						E T	-			<u>8</u> .)

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	40MK							(	JUT	6
Model Number:	40MKQB48	8F-3			Serial Nu	mber:	3015V00 <sup>-</sup>	793		
Product Construc	-									
Carbon steel inter	rnal frame; plast	ic outer cover								
Options/Subcom	ponent Summar	y:								
			2.00							
		DE	ORCO	JDE C	21.					
		NED			MP					
		E.	UUT Pr	operties		7				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSHe	ight 25	Front	-Back	Side	-Side	Vert	tical
98.8	9.3	65		6.6	Manana N		N,	/A	N	/A
		UUT Highest		eismic Run	Informat	tion		1		
Buildir	ng Code	<b>Test Crite</b>	ria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2	2019	ICC-ES AC156	(2018)	3/2021	1.0	1.5	3.2	2.4	1.67	0.67
				2.5	0.0	1.5				
Test Mounting De	etails:	F				0		172		07424
				TRAK	TER.		- 11	Ta's	Mal	
and the second					. 00 V		11 . I	1237		
		10 - VI	ABUI	DING			LIK	and and a second		
and a second			-			· F				
					1			1		
		the same time to be set of			10	11				
					ant	8		NUTRE	1291	11
	-					111				11
						1			I	
						The second			181031	
						120	-			1
								V. Star		1
CARLAR STREET						1				
	lind and a second second second			1. 200		and the second	3			

The UUT was rigid wall mounted using four (4) 3/8"A307 Thru bolts. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	40MK							ן נ	JUT	7
Model Number:	40MKCB18	3F-3			Serial Nu	mber:	4575V00	034		
Product Constru	iction Summary:									
Carbon steel inte	ernal frame; plasti	c outer cover								
Ontions/Subcon	nponent Summar									
options/Subcon	iponent Summar	y.								
			ORC	ODEC						
		ED		ODE CO	Mp.					
		L'NY		roperties		-				
Weight		Dimension (in)		opercies		Lowes	t Natural	Frequen	CV (H7)	
(lb)	Depth	Width		eight 25	Front	-Back	1	-Side	r	tical
59.7	42	26.6	_	9.3	N	444.		/A		I/A
		UUT Highes						<u>,                                    </u>		1
Buildi	ing Code	Test Crit		S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019	ICC-ES AC156	a 2018/1	3/2021	1.0	1.5	3.2	2.4	1.67	0.67
	2019		J ZOTO	2.5	0.0	1.5	5.2	2.4	1.07	0.07
Test Mounting D	etails:	G.	1	4		6				
						V/				
		PA PA			00			./.		
			ARIA	- BIRG			-	a fame to an	-1	
									N FIL	
	the state of the second			and the	SIF					和戶
	AND DESCRIPTION			1/ Harbe	1-30				- D-	24
a second and a second as	- Alexandre		7	1			6-			ater t
12			-						1.EVE	7
	K.F.	and the second		the second				4/-		
							1 mill			

The UUT was ceiling suspended using four (4) 3/8" A36 hanger rods w/rod stiffeners & four (4) 1/8" cable braces w/Mason SCB-1/SCBH-1 clips at each end. The brackets were mounted to the unit using six (6) #10 self-tapping screws each. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:	Carrier Cor	poration								
Model Line:	40MK							ו נ	JUT	8
Model Number:	40MKQB48	3F-3			Serial Nu	mber:	3015V00	793		
Product Constru	iction Summary:									
Carbon steel inte	ernal frame; plasti	c outer cover								
Options/Subcom	nponent Summary	<i>y</i> :								
• ·	-									
			ORC	ODEC						
		c0	FUI	ODEC	M					
		NE								
				roperties		2				
Weight	·	Dimension (in)		0405				Frequen	r	
(lb)	Depth	<b>Width</b>		eight 25	Front			-Side		tical
98.8	26.6	65		9.3	N/		N	/A	N	I/A
<u> </u>				Seismic Run				<b>I</b>		<del></del>
Buildi	ing Code	Test Crit	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
СВС	2019	ICC-ES AC15	6 (2018)/1	3/2021	1.0	1.5	3.2	2.4	1.67	0.67
				2.5	0.0	1.5				
Test Mounting D	etails:	F				0				
						V				
		PA	A DECEMBER OF A							
			ABU	MO					ALL COLOR	- J
	N WALL		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					ild -	All
		A Contraction				2	2111	-	1	The second
							-		14	
				- Car		~	K			3
				200		-		-		

The UUT was ceiling suspended using four (4) 3/8" A36 hanger rods w/rod stiffeners & four (4) 1/8" cable braces w/Mason SCB-1/SCBH-1 clips at each end. The brackets were mounted to the unit using six (6) #10 self-tapping screws each. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	RAV							L L	JUT	9
Model Number:	RAV-SP180	AT2-UL			Serial Nu	ımber:	60620057	7		
Product Construe	ction Summary:									
Carbon steel hou	sing									
Options/Subcom	ponent Summar	V:								
op (10110) cu 2 com	, , , , , , , , , , , , , , , , , , ,	,.								
			ORC	ODEC	0.					
		NED		ODE C	Ms,					
		Le Contraction		operties		Z				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSH	eight 25	Front	-Back	Side	Side	Ver	tical
98	11.4	30.7		21.7		7.2	21	1	>3	3.3
		UUT Highes		eismic Run	Informa	tion				1
Buildir	ng Code	Test Crite	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019	ICC-ES AC156	6 (2018)/1	3/202	1.0	1.5	3.2	2.4	1.67	0.67
Test Menutine D				2.5	0.0	1.5				
Test Mounting De	etails:	T			$\sim$	0				
	- Exe						1000	20.		
		PA	The second second	- 112	Pak.	Anne				
			ABUI	LDING				-		
	T				Carrier					
	2						-			
	100				GILAL INVERTER			1		
								1		
			EX//		AND	2				
	A.P./					1.5		100		
							- 2 -	~		
	1	in in				1	•			
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						0	9,		
The UUT was rigi	d floor mounted	using four (4) 3/8" G	Grade 8 Bol	ts.						
		ty and remained fu		er manufact	urer requ	iirement.				
Contents were in	cluded in testing	per operating cond	itions.							

### 2000830-CR-001-R1



Manufacturer: Model Line:	Carrier Col	rporation								_
	RAV	P						U U	<b>UT 1</b>	.0
Model Number:	RAV-SP420	AT2-UL			Serial Nu	ımber:	606B001			
Product Construe										
Carbon steel hou	=									
Options/Subcom	ponent Summar	y:								
			ORC	ODEO						
		-DF	.000	ODEC	OM					
		NE								
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	UUT PI	operties		Z				
Weight (lb)	David	Dimension (in)		0125			t Natural			
211.5	<b>Depth</b> 12.6	<b>Width</b> 35.4		eight 25 52.8	717	-Back		- <b>Side</b> .8		t <b>ical</b> 3.3
211.5	12.0	UUT Highest				<u> </u>	0	.0	-3	5.5
Buildir	ng Code	Test Crite		S <sub>DS</sub> (g)	z/h		Δ(σ)	Δ(σ)	A <sub>FLX-V</sub> (g)	Δ(σ)
	-			2/200	1.0	1.5				
CBC 2	2019	ICC-ES AC156	(2018)	2.5	0.0	1.5	3.2	2.4	1.67	0.67
Test Mounting De	etails:	S		•		22				
								lk-		
		F.G. Open						1		
			ABH	I DI NOSH						
				District Inv	ier		1			
			2							
		A DECEMBER OF A								
								2		
								2		
				-	-					
								A Contraction		
		using four (4) 1/2" Git ty and remained fun								

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	prporation								
Model Line:	RAV							U	UT 1	.1
Model Number:	RAV-SP18	BOUT-UL		-	Serial Nı	ımber:	6037001	3		
Product Construc	tion Summary:									
Carbon steel inter	nal frame; plast	tic outer cover								
Options/Subcomp	oonent Summai	ry:								
			ORCO	DFA						
		0	FORCO	DDEC	DA.					
		WED	FORCO	DDEC	Mpl					
		Jun 1	UUT Pr	DDE Co	MpL	Z				
Weight		Dimension (in)	UUT Pro	operties		Lowes	t Natural	Frequen	cy (Hz)	
Weight (lb)	Depth	Jun 1	UUT Pro			Z		Frequen -Side		tical
-	<b>Depth</b> 33.1	Dimension (in)	UUT Pro	operties	Front	Lowes	Side		Ver	tical /A
(lb)	-	Dimension (in) Width 33.1	UUT Pro	<b>ight 25</b>	<b>Front</b> N	Lowes -Back /A	Side	-Side	Ver	
(lb)	33.1	Dimension (in) Width 33.1	UUT Pro	<b>ight 25</b>	<b>Front</b> N	Lowes -Back /A	Side N	- <b>Side</b> /A	Ver	/A
(lb) 44 Buildin	33.1 g Code	Dimension (in) Width 33.1 UUT Highes Test Crit	UUT Pro	operties ight 25 0.1 ismic Run	Front N Informa	Lowes -Back /A tion	Side N A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Vert N A <sub>FLX-V</sub> (g)	/A A <sub>RIG-V</sub> (
( <b>lb</b> ) 44	33.1 g Code	Dimension (in) Width 33.1 UUT Highes	UUT Pro	ight 25 0.1 S <sub>DS</sub> (g)	Front N Informa z/h	Lowes -Back /A tion	Side N	- <b>Side</b> /A	Ver N	/A
(lb) 44 Buildin	33.1 <b>g Code</b> 019	Dimension (in) Width 33.1 UUT Highes Test Crit	UUT Pro	ight 25 0.1 Sold Sold Sold Sold Sold Sold Sold Sold	Front N Informa z/h 1.0	Lowes -Back /A tion I <sub>P</sub> 1.5	Side N A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Vert N A <sub>FLX-V</sub> (g)	/A A <sub>rig-v</sub> (
(lb) 44 Buildin CBC 2	33.1 <b>g Code</b> 019	Dimension (in) Width 33.1 UUT Highes Test Crit	UUT Pro	ight 25 0.1 Sold Sold Sold Sold Sold Sold Sold Sold	Front N Informa z/h 1.0	Lowes -Back /A tion I <sub>P</sub> 1.5	Side N A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Vert N A <sub>FLX-V</sub> (g)	/A A <sub>rig-v</sub> (



The UUT was ceiling suspended using four (4) 3/8" A36 hanger rods w/rod stiffeners & four (4) 1/8" cable braces w/Mason SCB-1/SCBH-1 clips at each end. Future installations will require (8) perpendicular cable braces minimum to restrain against torsion. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Model Number:       RAV-SP420UT-UL       Serial Number:       60670004         Product Construction Summary:       Carbon steel internal frame; plastic outer cover       Carbon steel internal frame; plastic outer cover         Options/Subcomponent Summary:       Carbon Summary:       Carbon Summary:         UUT Properties       Carbon Steel internal Frequency (Hz)         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 2       Front-Back       Side-Side       Vertical         53       33.1       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information       UUT Highest Passed Seismic Run Information       E	Manufacturer:	Carrier Co	orporation								
Product Construction Summary:         Carbon steel internal frame; plastic outer cover         Deptions/Subcomponent Summary:         UUT Properties         UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 25       Front-Back       Side-Side       Vertical         53       33.1       33.1       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       2       1	Model Line:	RAV							U		.2
Carbon steel internal frame; plastic outer cover  Deptions/Subcomponent Summary:  UUT Properties  UUT Properties  Weight Dimension (in) Lowest Natural Frequency (Hz) (b) Depth Width Height S Front-Back Side-Side Vertical 53 33.1 33.1 12.6 N/A N/A N/A N/A UUT Highest Passed Seismic Run Information Building Code Test Criteria Sps (g) Z/h Ip A <sub>FLX-H</sub> (g) A <sub>RIG-H</sub> (g) A <sub>RIG-V</sub> (g)	Model Number:	RAV-SP42	20UT-UL			Serial Nı	ımber:	6067000	4		
Deptions/Subcomponent Summary:											
UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 25       Front-Back       Side-Side       Vertical         53       33.1       33.1       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       S <sub>DS</sub> (g)       Z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>FLX-V</sub> (g)       A <sub>RIG-V</sub> (g)	Carbon steel inter	nal frame; plast	tic outer cover								
UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 25       Front-Back       Side-Side       Vertical         53       33.1       33.1       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       S <sub>DS</sub> (g)       Z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>FLX-V</sub> (g)       A <sub>RIG-V</sub> (g)											
UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 25       Front-Back       Side-Side       Vertical         53       33.1       33.1       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       S <sub>DS</sub> (g)       Z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>FLX-V</sub> (g)       A <sub>RIG-V</sub> (g)	Options/Subcomp	onent Summa	ry:								
UUT Properties         Weight (lb)       Dimension (in)       Lowest Natural Frequency (Hz)         Operation       Width       Height       Front-Back       Side-Side       Vertical         53       33.1       33.1       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       Z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>RIG-H</sub> (g)       A <sub>RIG-V</sub> (g)	. , .										
UUT Properties         Weight (lb)       Dimension (in)       Lowest Natural Frequency (Hz)         Operation       Width       Height       Front-Back       Side-Side       Vertical         53       33.1       33.1       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       Z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>RIG-H</sub> (g)       A <sub>RIG-V</sub> (g)											
UUT Properties         Weight (lb)       Dimension (in)       Lowest Natural Frequency (Hz)         Operation       Width       Height       Front-Back       Side-Side       Vertical         53       33.1       33.1       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       Z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>RIG-H</sub> (g)       A <sub>RIG-V</sub> (g)				FORC	ODEC						
UUT Properties         Weight (lb)       Dimension (in)       Lowest Natural Frequency (Hz)         Operation       Width       Height       Front-Back       Side-Side       Vertical         53       33.1       33.1       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       Z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>RIG-H</sub> (g)       A <sub>RIG-V</sub> (g)			IED	FO	WWWWWW	Ms,					
Weight (lb)       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       SHeight 25       Front-Back       Side-Side       Vertical         53       33.1       33.1       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       Z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>FLX-V</sub> (g)       A <sub>RIG-V</sub> (g)			L. L.				7				
53     33.1     33.1     12.6     N/A     N/A     N/A       UUT Highest Passed Seismic Run Information       Building Code     Test Criteria     Sps (g)     z/h     Ip     A <sub>FLX-H</sub> (g)     A <sub>FLX-V</sub> (g)     A <sub>RIG-V</sub> (g)	Weight		Dimension (in				Lowes	t Natural	Frequen	cy (Hz)	
UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>FLX-W</sub> (g) <th< td=""><td>(lb)</td><td>Depth</td><td>Width</td><td>OSHe</td><td>eight 25</td><td>Front</td><td>-Back</td><td>Side</td><td>-Side</td><td>Ver</td><td>tical</td></th<>	(lb)	Depth	Width	OSHe	eight 25	Front	-Back	Side	-Side	Ver	tical
Building Code Test Criteria S <sub>DS</sub> (g) z/h I <sub>P</sub> A <sub>FLX-H</sub> (g) A <sub>RIG-H</sub> (g) A <sub>FLX-V</sub> (g) A <sub>RIG-V</sub> (	53	33.1						N	/A	N	/A
					eismic Run	Informa	tion		1		
	Buildin	g Code	Test Cri	teria				A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
(BC 2019) [ $(C-ES AC156 (2018) / (D-Z C C C C C C C C C C C C C C C C C C C$	CBC 2	019	ICC-ES AC15	6 (2018)	3/2021			3.2	2.4	1.67	0.67
2.5 0.0 1.5				1-12	2.5	0.0	1.5				
Test Mounting Details:							~/~				
			10p			OF	1				
The second				IAD	- NG	SVA					
The second				• <b>C</b>		-		100/18	0	~	1
	Grand and Street			1100							12
					1	-	-			- The	
					10 1000					h	-
								20		1	
								ALL DOLL		500	
				and the second s	and the second se	and the second se		and the second second			and the second se
						- 1		Carlos and a second			1ª

The UUT was ceiling suspended using four (4) 3/8" A36 hanger rods w/rod stiffeners & four (4) 1/8" cable braces w/Mason SCB-1/SCBH-1 clips at each end. Future installations will require (8) perpendicular cable braces minimum to restrain against torsion. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



	Manufacturer:	Carrier Cor	poration								
Product Construction Summary:         Carbon steel internal frame; plastic outer cover         Options/Subcomponent Summary:         UUT Properties         UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 2:       Front-Back       Side-Side       Vertical         46       26.8       35.8       8.3       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       z/h       Ip       Arusy (g) Arusy (	Model Line:	RAV							U	LIN	.3
Carbon steel internal frame; plastic outer cover           Uptions/Subcomponent Summary:         UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 25       Front-Back       Side-Side       Vertical         46       26.8       35.8       8.3       N/A       N/A       N/A         UUT Highest Passed Seisnic Run Information         Building Code       Test Criteria       Sps (g)       2/h       Ip       Arec V(g) A <sub>RIG-H</sub> (g) A <sub>RIG-H</sub> (g) A <sub>RIG-H</sub> (g) A <sub>RIG-H</sub> (g) A <sub>RIG-V</sub> (g) A <sub>RIG-V</sub> (g) CBC 2019	Model Number:	RAV-SP180	CT-UL			Serial Nu	mber:	5082003	0		
Options/Subcomponent Summary:         UUT Properties         UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       S Height 25       Front-Back       Side-Side       Vertical         46       26.8       35.8       8.3       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       z/h       IP       Arics-v (g) Arics-v (g) Arics-v (g)         CBC 2019       ICC-ES AC156 (2018)/1       1.2.5       0.0       1.5	Product Constr	uction Summary:									
UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 20       Front-Back       Side-Side       Vertical         46       26.8       35.8       8.3       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       Z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>FLX-V</sub> (g)       A <sub>RIG-V</sub> (g)         CBC 2019       ICC-ES AC156 (2018)/1       2.5       0.0       1.5       3.2       2.4       1.67       0.67	Carbon steel int	ternal frame; plasti	c outer cover								
UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 20       Front-Back       Side-Side       Vertical         46       26.8       35.8       8.3       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       Z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>FLX-V</sub> (g)       A <sub>RIG-V</sub> (g)         CBC 2019       ICC-ES AC156 (2018)/1       2.5       0.0       1.5       3.2       2.4       1.67       0.67											
UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 20       Front-Back       Side-Side       Vertical         46       26.8       35.8       8.3       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       Z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>FLX-V</sub> (g)       A <sub>RIG-V</sub> (g)         CBC 2019       ICC-ES AC156 (2018)/1       2.5       0.0       1.5       3.2       2.4       1.67       0.67	Ontions/Subso	maaant Cummar									
UUT PropertiesWeightDimension (in)Lowest Natural Frequency (Hz)(lb)DepthWidthHeight 25Front-BackSide-SideVertical4626.835.88.3N/AN/AN/AN/AUUT Highest Passed Seismic Run InformationEleventiest Passed Seismic Run InformationBuilding CodeTest CriteriaSps (g)2/hIpA <sub>FLX-H</sub> (g)A <sub>FLX-V</sub> (g)A <sub>FIG-V</sub> (g)CBC 2019ICC-ES AC156 (2018) / 12.01.01.53.22.41.670.67	Uptions/Subcol	mpohent Summary	/:								
UUT PropertiesWeightDimension (in)Lowest Natural Frequency (Hz)(lb)DepthWidthHeight 25Front-BackSide-SideVertical4626.835.88.3N/AN/AN/AN/AUUT Highest Passed Seismic Run InformationEleventiest Passed Seismic Run InformationBuilding CodeTest CriteriaSps (g)2/hIpA <sub>FLX-H</sub> (g)A <sub>FLX-V</sub> (g)A <sub>FIG-V</sub> (g)CBC 2019ICC-ES AC156 (2018) / 12.01.01.53.22.41.670.67											
UUT PropertiesWeightDimension (in)Lowest Natural Frequency (Hz)(lb)DepthWidthHeight 25Front-BackSide-SideVertical4626.835.88.3N/AN/AN/AN/AUUT Highest Passed Seismic Run InformationEleventiest Passed Seismic Run InformationBuilding CodeTest CriteriaSps (g)2/hIpA <sub>FLX-H</sub> (g)A <sub>FLX-V</sub> (g)A <sub>FIG-V</sub> (g)CBC 2019ICC-ES AC156 (2018) / 12.01.01.53.22.41.670.67											
UUT PropertiesWeightDimension (in)Lowest Natural Frequency (Hz)(lb)DepthWidthHeight 25Front-BackSide-SideVertical4626.835.88.3N/AN/AN/AN/AUUT Highest Passed Seismic Run InformationEleventiest Passed Seismic Run InformationBuilding CodeTest CriteriaSps (g)2/hIpA <sub>FLX-H</sub> (g)A <sub>FLX-V</sub> (g)A <sub>FIG-V</sub> (g)CBC 2019ICC-ES AC156 (2018) / 12.01.01.53.22.41.670.67				FORC	ODF C	01.					
Weight (lb)         Depth         Width         Steph         Front-Back         Side-Side         Vertical           46         26.8         35.8         8.3         N/A         N/A         N/A         N/A           UUT Highest Passed Seismic Run Information           Building Code         Test Criteria         Sps (g)         Z/h         Ip         A <sub>FLX-H</sub> (g)         A <sub>FLX-V</sub> (g)         A <sub>FIG-V</sub> (g)           CBC 2019         ICC-ES AC156 (2018) / 1         2.5         0.0         1.5         3.2         2.4         1.67         0.67			NED			MS,					
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$				UUT Pr	operties		Z.				
46         26.8         35.8         8.3         N/A         N/A         N/A           UUT Highest Passed Seismic Run Information           Building Code         Test Criteria         S <sub>DS</sub> (g)         Z/h         Ip         A <sub>FLX-H</sub> (g)         A <sub>FLX-V</sub> (g)         A <sub>FIG-V</sub> (g)           CBC 2019         ICC-ES AC156 (2018)/1         2.5         0.0         1.5         3.2         2.4         1.67         0.67	Weight		Dimension (in)				Lowes	st Natural	Frequen	cy (Hz)	
UUT Highest Passed Seismic Run Information           Building Code         Test Criteria         S <sub>DS</sub> (g)         Z/h         I <sub>P</sub> A <sub>FLX-H</sub> (g)         A <sub>FLX-V</sub> (g)	(lb)	Depth	<b>Width</b>	OSHe	eight 25	Front	-Back	Side	-Side	Ver	tical
Building Code         Test Criteria         S <sub>DS</sub> (g)         Z/h         I <sub>P</sub> A <sub>FLX-H</sub> (g)         A <sub>FLX-V</sub> (g)         A	46	26.8	35.8	8	8.3	N	/A	N	/A	N	/A
CBC 2019         ICC-ES AC156 (2018) / 1 2/2.0 2/0.0         1.0         1.5         3.2         2.4         1.67         0.67			UUT Highe	st Passed S	eismic Run	Informa	tion				
CBC 2019         ICC-ES AC156 (2018)/         ICC-ES AC156 (2018)/<	Build	ling Code	Test Crit	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
2.5 0.0 1.5		^ 2019	ICC-ES AC15	6/2018/1		1.0	1.5	32	24	1.67	0.67
<image/>		2013		O (YOTO)	2.5	0.0	1.5	5.2	2.4	1.01	0.01
	Test Mounting	Details:	2		*		2				
							VE	A	-		_
			Op.	MANUEL PROF		OF	1		1		
				1/200	L.C.S.	COL	1	-	the	-	
	Contraction of the local division of the loc			LPH	-CHA		Partition	10)	5		
					-						
										r	
					- PEOR						
	a Ne		Child Port		-						-
				7	14	100.00			/		

The UUT was ceiling hung using four (4) A36 hanger rods w/rod stiffeners and four (4) 1/8" cable braces w/ Mason SCB-1/SCBH-1 clips at each end.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	RAV							U	UT 1	L <b>4</b>
Model Number:	RAV-SP42	0CT-UL			Serial Nu	mber:	6042000	8		
Product Constru	iction Summary:									
Carbon steel inte	ernal frame; plast	ic outer cover								
Options/Subcon	nponent Summai	y:								
			ORC	DDE C	0.					
		IED	ORCO		Mp,					
		4 Contraction		operties		7				
Weight		Dimension (in)				Lowes	st Natural	Frequen	cy (Hz)	
(lb)	Depth	<b>Width</b>	OSHe	ight 25	Front-			-Side		tical
73	26.8	62.8	3	3.3	N/	A	N	/A	N	I/A
		UUT Highes	t Passed Se	eismic Run	Informat	ion				
Buildi	ing Code	Test Crite	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019	ICC-ES AC156	(2018)	3/202	1.0	1.5	3.2	2.4	1.67	0.67
				2.5	0.0	1.5			<u> </u>	
Test Mounting D	etails:	Y				5				
		and the second second				Y-	and a state of the state of the	And Income		
	L		AND		ODE					
			ABIT	DING		P-	TRIE	1		-
						-	2			and the second
			2 July							
			-		-					
TRAK			a state of							-
			. /		-			/		
								/		

The UUT was ceiling hung using four (4) A36 hanger rods w/rod stiffeners and four (4) 1/8" cable braces w/ Mason SCB-1/SCBH-1 clips at each end.

### 2000830-CR-001-R1



								1		
Manufacturer:	Carrier Co	rporation							UT 1	5
Model Line:	RAV								1011	.)
Model Number:	RAV-SP18	0KRT-UL			Serial Nu	ımber:	6260006	0		
Product Constru	-									
Carbon steel inte	ernal frame; plast	ic outer cover								
Options/Subcom	nponent Summar	y:								
			ORC	ODFo						
		WEDF		ODEC	Mp					
			UUT Pr	operties		Z				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSHe	right 25	Front	-Back	Side	-Side	Ver	tical
31	9	41.3	1	2.6	N.	/A	N	/A	N	/A
		UUT Highest	Passed S	eismic Run	Informa	tion				
Buildi	ng Code	Test Crite	ria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019	ICC-ES AC156		3/ <u>2.0</u> 2.5	1.0 0.0	1.5 1.5	3.2	2.4	1.67	0.67
Test Mounting D	etails:	CALIFORN	4	+		201				
		ORN			CODE				r I	
	·			DING	1. 45°		Sime a similar		10	
:::			m	No.C.	OL .		)		D	
				1			<u> </u>			
	15		100 C							
									-	
U U U U U U U U U U U U U U U U U U U										

The UUT was rigid wall mounted using ten (10) #10 sheet metal screws. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:	Carrier Cor	poration								•
Model Line:	RAV							U	<b>UT 1</b>	.6
Model Number:	RAV-SP240	KRT-UL			Serial Nu	ımber:	6240001	6		
<b>Product Construc</b> Carbon steel inter	-	c outer cover								
Options/Subcom	ponent Summary	/:								
		NEDF	ORC	ODEC	OMP					
				operties		Z				
Weight		Dimension (in)					t Natural	Frequen		
(lb)	Depth	Width		eight 25	Front	-Back	Side	-Side	Vert	tical
31	9	41.3		.2.6		/A	N	/A	N	/A
		UUT Highest		7				1		
Buildir	ng Code	<b>Test Crite</b>	ria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2	2019	ICC-ES AC156	(2018)/1	3/202	1.0	1.5 1.5	3.2	2.4	1.67	0.67
Test Mounting De										
	d wall mounted u	sing ten (10) #10 sh	eet metal	screws						

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

#### 2000830-CR-001-R1



Manufacturer: Model Line:	Carrier Corp	poration						u	UT 1	.7
Model Line: Model Number:	38MAQ 38MAQB09F	2 <u>-</u> 1			Serial Nu	umbor	2016V15		• • •	
Product Constru		<b>X</b> - <b>I</b>			Senative	inder.	2010113	541		
Carbon steel hou	•									
Options/Subcom	ponent Summary:									
			ORCO	DDF						
		EDF	ORCO		MS					
		C.N.L		operties						
Weight		Dimension (in)	001 PTC	opercies		Lowes	t Natural	Frequen	CV (H7)	
(lb)	Depth	Width	OSHe	ight 25	Front	-Back	1	-Side	1	tical
82.45	12.2	31.89		97	777	7.7		2.8		3.3
· · ·		UUT Highest	Passed Se	ismic Run	Informa	tion				
Buildi	ng Code	Test Crite	ria	S <sub>DS</sub> (g)	z/h	<mark> </mark> ₽	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
СВС	2019	ICC-ES AC156	(2018)/1	3/2.02	1.0	1.5	3.2	2.4	1.67	0.67
			7641 1	2.5	0.0	1.5				
Test Mounting D	etails:	T				5				
3	7-24							) *		
		PA			CODY	N		$\cap$		H
			ABUN	DING		-			A	100
1 Street				-	19	1		<		
4 4			5		1				101	
		Carrier	»							
		UUT 17								-
			-							
Marrie 1			- 8							1
					-c					100
	-		-							May me
	0	c)			Z	101	-	and the second s		
and the second	- Ander							Saude .	. 6	
								THE REAL PROPERTY AND INCOMENT	100	

The UUT was rigid floor mounted using four (4) 3/8" lag screws with washers. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

#### 2000830-CR-001-R1



Manufacturer:	Carrier Cor	poration							UT 1	0
Model Line:	38MAQ									.0
Model Number:	38MAQB36	R - 3			Serial Nı	umber:	3616V10	300		
Product Constru Carbon steel hou	<b>iction Summary:</b> using									
Options/Subcon	nponent Summary	/:								
			200							
		WEDF	ORU	ODE C	OMPI					
Weight			UUT Pr	operties		72	t Notural	Fragues	ey (11=)	
Weight (lb)	Depth	Dimension (in) Width	OSP	ight 25	Eront	-Back	t Natural	-Side	1	tical
147.3	16.14	31.89	1	7.2	717	1.7		- <b>5ide</b> .7		3.3
	2012 1	UUT Highest					· ·			0.0
Build	ing Code	Test Criter		S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019	ICC-ES AC156 (	2018)/1	3/202	1.0	1.5	3.2	2.4	1.67	0.67
Test Mounting D	ata:la.			2.5	0.0	1.5				
		using four (4) 3/8" lag y and remained func				uremont				

Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation							UT 1	9
Model Line:	38MBR									
Model Number:	38MBRQ36	5A - 3			Serial Nı	imber:	2616V14	685		
Product Constru Carbon steel hou	-									
Carbon steel nou	ISING									
Options/Subcom	ponent Summar	y:								
			200							
			FORCO	DDE C	OMP					
		NED			A P					
		- Li		operties		Z				
Weight		Dimension (in)		0125			st Natural		1	
(lb)	Depth	Width	- î	ight 25		-Back		-Side		tical
154	15.55	37.2 UUT Highes		L.89 <b>Pismic Riu</b> n		.9 tion	1.	3.9	>3	3.3
Buildi	ng Code	Test Crite		S <sub>DS</sub> (g)	z/h	I.P.	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC	2010	ICC-ES AC156		2/2/92	1.0	<b>1.5</b>	3.2	2.4	1.67	0.67
СВС	2019	ICC-ES ACISC	ΠζΟΤΟ	2.5	0.0	1.5	5.2	2.4	1.07	0.07
Test Mounting D	etails:	- F		*		5				
		· · · · ·								
5		PN		DING	00					
	0.7		ABUI	DING	1		-		XI	
				1				-	Ya.	2
		UUT 19	1.							
		Carrier			1				George	
										P
					1 F	H	$\pm$		$  _{2}$	-
				50	•				11:15	
1.1-14				1. A				$ \rightarrow $	1/200	
• • 3/3	art art		A 344							
Nor-ore		1.					· · · · ·	2	Bis (	
1	•	of the second second		N.					1.4	

The UUT was rigid floor mounted using four (4) 3/8" A307 bolts with washers. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:	Carrier Cor	poration						UT 2	0
Model Line:	38MBR								10
Model Number:	38MBRQ48	A - 3		Serial Nu	mber:	2316V13	891		
<b>Product Constru</b> Carbon steel hou	-								
Options/Subcom	ponent Summary	/:							
		NED	FOR CODE C	OMD					
		L'H	UUT Properties		7.				
Weight		<b>Dimension (in)</b>			Lowest	t Natural	Frequen	cy (Hz)	
(lb)	Depth	<b>Width</b>	OS Height 25	Front-	Back	Side	-Side	Ver	tical
220	15.43	36.93	53.9	8.5	<u> </u>	7	.1	2	1.2
			t Passed Seismic Run	Informat	ion		•	•	
Buildi	ng Code	Test Crite	eria S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019	ICC-ES AC156	(2018)/13/2.02	1.0 0.0	1.5 1.5	3.2	2.4	1.67	0.67
Test Mounting D	etails:	S			5				
				COV					
								K	
1			T			1000	-		
	4	4		T	9	1.0	Ð.	).	

The UUT was rigid floor mounted using four (4) 3/8" A307 bolts with washers. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation						U	UT 2	1
Model Line: Model Number:	38MGQ 38MGQ18E	2 2			Serial Ni	umbor.	2316V12		<b>U</b>   2	
Product Constru		5-3			Serialini	iniber:	2310112	100		
Carbon steel hou	-									
Options/Subcom	ponent Summar	y:								
			FORC	ODFC						
		JED	FOR		OMP					
		E.		operties		7				
Weight		<b>Dimension</b> (in	)			Lowes	t Natural	l Frequen	cy (Hz)	
(lb)	Depth	Width	OSHe	right 25	Front	-Back	Side	-Side	Ver	tical
105.8	12.6	33.27	27	7.56	14	4.5	1	1.3	>3	3.3
		UUT Highe		eismic Run	Informa	tion				
Buildi	ng Code	Test Crit	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019	ICC-ES AC15	6 (2018)/1	3/202	1.0 0.0	1.5 1.5	3.2	2.4	1.67	0.67
Test Mounting D	etails:	S.		Ŧ		6		•		
2					6				1	
		OA			-00	1	15	- Sol	X	V
Let	1		ABUI	DING	0					
	4					Bound		-		89-A
		Carrie								
						Bunni				
										1
									$\exists V$	-
- 1 1				-						
		#X —								
172			R		1					
· 1/2	101	÷.		T-T-Se		6.7				
		ast of	Versilian .	- ABP	Store I		1	0		

The UUT was rigid floor mounted using four (4) 3/8" lag screws with washers. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:	Carrier Cor	poration								17
Model Line:	38MGQ								UT 2	
Model Number:	38MGQ48E	- 3			Serial Ni	umber:	3116V14	026		
<b>Product Constru</b> Carbon steel hoι	<b>action Summary:</b> using									
Options/Subcon	nponent Summary									
		NEDF	ORC	ODEC	OMP					
Waisht			UUT PI	roperties		Z	+ Notural	<b></b>		
Weight (lb)	Depth	Dimension (in) Width	OSP	eight 25	Eront	-Back	t Natural	-Side	1	tical
227.7	15.43	36.9		53.9	717	.5		-3iue .4		3.3
221.1	13.45	UUT Highest					<u> </u>			5.5
Buildi	ng Code	Test Criter	<u> </u>	S <sub>DS</sub> (g)	z/h		А <sub>ғі х-н</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
	2019	ICC-ES AC156 (	2018)/1	3/ <u>202</u> 2.5	1.0 0.0	1.5 1.5	3.2	2.4	1.67	0.67
Test Mounting D	etons:									

Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



lodel Line:	Carrier Co	orporation						l .		12
iouei Line.	40MAQ							U	UT 2	.5
lodel Number:	40MAQB0	9B-3			Serial Ni	umber:	2616V11	354		
<b>Product Construc</b> Farbon steel inter	-									
ptions/Subcom	ponent Summai	ry:								
		WED	FORC	ODEC	OMP					
Weight		Dimension (in)		Properties		Lowes	t Natural	Frequen	cv (Hz)	
(lb)	Depth	Width		leight 25	Front	-Back		-Side	- · · ·	tical
19.18	7.8	32.87		11.02	70	/A		/A		/A
		UUT Highe	st Passed	Seismic Run	and the second se			,		,
Buildin	ng Code	Test Crit		S <sub>DS</sub> (g)	z/h		A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (
CDC 2	2010	ICC-ES AC15		12/200	1.0	1.5	3.2	2.4	1.67	0.67
CBC 2				2.5	0.0	1.5	5.2	2.4	1.07	0.01
		TICC-ES ALIS			0.0 CODE	60			1.01	

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	40MAQ							U	UT 2	24
Model Number:	40MAQB3	6B-3			Serial Nu	ımber:	3916V10	089		
Product Constru	iction Summary:									
Carbon steel inte	ernal frame; plast	ic outer cover								
Options/Subcon	nponent Summar	y:								
			FORCO	DDEC						
		CD!			OMD					
		NE	~~~							
	1		UUT Pro	operties		Z1				
Weight		Dimension (in)		0405			t Natural			
(lb)	Depth	<b>Width</b>		ight 25		-Back		-Side		tical
40.12	10.16	46.69		.39		/A	N	/A	N	I/A
		UUT Highes			<u> </u>					
Build	ing Code	Test Crite	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC	2019	ICC-ES AC156	6 (2018) / 1	3/202	1.0	1.5	3.2	2.4	1.67	0.67
	•			2.5	0.0	1.5				
Test Mounting D	etalls:	T				0				
					4					
		RA			CODI					
			RH	DING			West House	- Carlos	and the second second	
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		0			6				
	19/2-30p					- 1 -	- 8			
		¥	100 miles	- 1.						.1
			100	Ľ.	7 10-	×			21	
			-		0000	Contraction of the				
or	-		The siles		ata				3 1.1	
Contraction of the second			10		·		-			
127		- The second	1233							ALC: NO
The UUT was rig	id wall mounted i	using fifteen (15) #10	) sheet met	al screws.						
		ty and remained fur			urer requ	irement.				

Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:		orporation						U	UT 2	25
Model Line:	40MBQ						10151/41		<b>V</b> i 4	
Model Number: Product Construc	40MBQB0			•	Serial N	imber:	1915V41	300		
	-	on steel outer cover								
Options/Subcom	ponent Summai	<i>'y</i> :								
		(6) #10 self-tapping s	screws in e	ach mounti	ing bracl	ket (24 to	tal)			
			ORC	ODEC						
		ED		ODECO	M					
		NE								
			UUT Pr	operties		Y_				
Weight	Durath	Dimension (in)	090	0125			t Natural			
( <b>lb</b> ) 39.9	Depth 25	<b>Width</b> 27.6		eight 25 8.3		-Back	-	-Side		tical
39.9	25	UUT Highes		Į		/A tion	N	/A	IN IN	/A
Buildir	ng Code	Test Crite		S <sub>DS</sub> (g)	z/h		Α(σ)	A <sub>RIG-H</sub> (g)	Δ(σ)	Δ
	-			2/2.0	1.0	1.5				
CBC 2	2019	ICC-ES AC156	(2018)	2.5	0.0	1.5	3.2	2.4	1.67	0.67
Test Mounting De	etails:	S			010	2				
						2				
-			h		-64					
					COX					
		and the second second	1901	EDINE						
tel				XX	ee our la		17			
the second se				and and	24					
					5	0	10		-	
					6	1	Inc		83	
and the second			h	- The las	/			Concession of	20	
				180			A A A	(iii) -		
	and the second s					100				

The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	orporation								-
Model Line:	40MBQ							U	<b>UT 2</b>	.6
Model Number:	40MBQB2	4D - 3			Serial Nu	ımber:	2116V154	495		
Product Constru	ction Summary:									
Carbon steel inte	rnal frame; carb	on steel outer cover	r							
Options/Subcom	ponent Summa	ry:								
Requires seismic	enhancements:	(6) #10 self-tapping	screws in e	ach mounti	ing brack	ket (24 to	tal)			
			-nR CI	0DE						
		0	FORC		Mp,					
		NED			MD,					
		4	UUT Pr	operties		Z				
Weight		Dimension (in)				Z	t Natural	Frequen	cy (Hz)	
Weight (lb)	Depth	Dimension (in)	)			Z	1	Frequen -Side	- · · ·	tical
	Depth 25		) OSHe	operties	Front	Lowes	Side		Vert	t <b>ical</b> /A
(lb)	=	<b>Width</b> 36.2	) OSHe	operties ight 25 0.6	<b>Front</b> N	Lowes -Back /A	Side	-Side	Vert	
( <b>lb</b> ) 57.3	=	<b>Width</b> 36.2	) OSHe 1 st Passed Se	operties ight 25 0.6	<b>Front</b> N	Lowes -Back /A	Side N,	- <b>Side</b> /A	Vert	/A
(lb) 57.3 Buildi	25 ng Code	Width 36.2 UUT Higher Test Crit	) OS He 1 st Passed Se ceria	operties ight 25 0.6 eismic Run	Front N Informa	Lowes -Back /A tion	Side N, A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Vert N, A <sub>FLX-V</sub> (g)	/A A <sub>rig-v</sub> (§
( <b>lb</b> ) 57.3	25 ng Code	Width 36.2 UUT Higher	) OS He 1 st Passed Se ceria	operties ight 25 0.6 eismic Run S <sub>DS</sub> (g)	Front N Informa z/h	Lowes -Back /A tion	Side N,	- <b>Side</b> /A	Vert N,	/A
(lb) 57.3 Buildi CBC	25 ng Code 2019	Width 36.2 UUT Higher Test Crit	) OS He 1 st Passed Se ceria	eismic Run S <sub>DS</sub> (g)	Front N Informa z/h 1.0	Lowes -Back /A tion I <sub>P</sub> 1.5	Side N, A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Vert N, A <sub>FLX-V</sub> (g)	/A A <sub>RIG-V</sub> (
(lb) 57.3 Buildi	25 ng Code 2019	Width 36.2 UUT Higher Test Crit	) OS He 1 st Passed Se ceria	eismic Run S <sub>DS</sub> (g)	Front N Informa z/h 1.0	Lowes -Back /A tion I <sub>P</sub> 1.5	Side N, A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Vert N, A <sub>FLX-V</sub> (g)	/A A <sub>rig-v</sub> (§
(lb) 57.3 Buildi CBC	25 ng Code 2019	Width 36.2 UUT Higher Test Crit	) OS He 1 st Passed Se ceria	eismic Run S <sub>DS</sub> (g)	Front N Informa z/h 1.0	Lowes -Back /A tion I <sub>P</sub> 1.5	Side N, A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Vert N, A <sub>FLX-V</sub> (g)	/A A <sub>rig-v</sub> (§
(lb) 57.3 Buildi CBC	25 ng Code 2019	Width 36.2 UUT Higher Test Crit	) OS He 1 st Passed Se ceria	eismic Run S <sub>DS</sub> (g)	Front N Informa z/h 1.0	Lowes -Back /A tion I <sub>P</sub> 1.5	Side N, A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Vert N, A <sub>FLX-V</sub> (g)	/A A <sub>rig-v</sub> (§
(lb) 57.3 Buildi CBC	25 ng Code 2019	Width 36.2 UUT Higher Test Crit	) OS He 1 st Passed Se ceria	eismic Run S <sub>DS</sub> (g)	Front N Informa z/h 1.0	Lowes -Back /A tion I <sub>P</sub> 1.5	Side N, A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Vert N, A <sub>FLX-V</sub> (g)	/A A <sub>rig-v</sub> (

The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end.

### 2000830-CR-001-R1



Model Line:       40MBQ         Model Line:       40MBQB09C-3       Serial Number:       3116V12025         Product Construction Summary:       Carbon steel outer cover         Options/Subcomponent Summary:       UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 2       Front-Back       Side-Side       Vertic         40.8       22.4       22.4       10.2       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information       UUT Highest Passed Seismic Run Information       Example Andread Side Side Side Andread Side Andread Side Andread Si										poration	Carrier Co	Manufacturer:
Product Construction Summary:         Carbon steel internal frame; plastic and carbon steel outer cover         Options/Subcomponent Summary:         UUT Properties         UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 25       Front-Back       Side-Side       Vertic         40.8       22.4       22.4       10.2       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       Z/h       IP       Arusy (g) A         CBC 2019       ICC-ES AC156 (2018) / 1       /2.0       1.0       1.5       3.2       2.4       1.67	21	<b>UI 2</b>	U								40MBQ	Model Line:
Carbon steel internal frame; plastic and carbon steel outer cover           UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 20       Front-Back       Side-Side       Vertice         40.8       22.4       22.4       10.2       N/A       N/A       N/A       N/A         Building Code       Test Criteria       Sp5 (g)       2/h       Ip       A <sub>FLX+I</sub> (g)       A <sub>FLX-V</sub> (g)       A <sub>FLX-V</sub> (g)         CBC 2019       ICC-ES AC156 (2018)/1       1/2.5       0.0       1.5       3.2       2.4       1.67			025	3116V120	r:	umber:	Serial Ni			C-3	40MBQB09	Model Number:
Options/Subcomponent Summary:         UUT Properties         UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Stepst 25       Front-Back       Side-Side       Vertic         40.8       22.4       22.4       10.2       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       z/h       IP       Artury (g) A         CBC 2019       ICC-ES AC156 (2018)/1       -2.5       0.0       1.5       3.2       2.4       1.67											ction Summary:	Product Construc
UUT Properties       Weight     Dimension (in)     Lowest Natural Frequency (Hz)       (lb)     Depth     Width     S Height 25     Front-Back     Side-Side     Vertice       40.8     22.4     22.4     10.2     N/A     N/A     N/A       UUT Highest Passed Seismic Run Information     UUT Highest Passed Seismic Run Information       Building Code     Test Criteria     Sps (g)     z/h     Ip     A <sub>FLX-H</sub> (g)     A <sub>FLX-V</sub> (g)     A       CBC 2019     ICC-ES AC156 (2018)/1     2.5     0.0     1.5     3.2     2.4     1.67									uter cover	and carbon steel o	rnal frame; plast	Carbon steel inter
UUT Properties       Weight     Dimension (in)     Lowest Natural Frequency (Hz)       (lb)     Depth     Width     S Height 25     Front-Back     Side-Side     Vertice       40.8     22.4     22.4     10.2     N/A     N/A     N/A       UUT Highest Passed Seismic Run Information     UUT Highest Passed Seismic Run Information       Building Code     Test Criteria     Sps (g)     z/h     Ip     A <sub>FLX-H</sub> (g)     A <sub>FLX-V</sub> (g)     A       CBC 2019     ICC-ES AC156 (2018)/1     2.5     0.0     1.5     3.2     2.4     1.67												
UUT Properties       Weight     Dimension (in)     Lowest Natural Frequency (Hz)       (lb)     Depth     Width     S Height 25     Front-Back     Side-Side     Vertice       40.8     22.4     22.4     10.2     N/A     N/A     N/A       UUT Highest Passed Seismic Run Information     UUT Highest Passed Seismic Run Information       Building Code     Test Criteria     Sps (g)     z/h     Ip     A <sub>FLX-H</sub> (g)     A <sub>FLX-V</sub> (g)     A       CBC 2019     ICC-ES AC156 (2018)/1     2.5     0.0     1.5     3.2     2.4     1.67												
UUT Properties         Weight (lb)       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Steps (2)       Front-Back       Side-Side       Vertice         40.8       22.4       22.4       10.2       N/A       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         CBC 2019       ICC-ES AC156 (2018)/1       2.0       1.0       1.5       3.2       2.4       1.67										:	ponent Summar	Options/Subcomp
UUT Properties           Weight (lb)         Dimension (in)         Lowest Natural Frequency (Hz)           Operation         Width         Operation         Front-Back         Side-Side         Vertice           40.8         22.4         22.4         10.2         N/A         N/A         N/A         N/A           UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         A <sub>FLX-H</sub> (g)         A <sub>FLX-H</sub> (g)         A <sub>FLX-V</sub> (g)												
UUT PropertiesWeight (lb)Dimension (in)Lowest Natural Frequency (Hz)OperationWidthOperationFront-BackSide-SideVertice40.822.422.410.2N/AN/AN/AN/AUUT Highest Passed Seismic Run InformationBuilding CodeTest CriteriaSps (g) $z/h$ IpA <sub>FLX-H</sub> (g)A <sub>FLX-V</sub> (g)AACBC 2019ICC-ES AC156 (2018)/12.50.01.53.22.41.67												
UUT Properties         Weight (lb)       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Steps (2)       Front-Back       Side-Side       Vertice         40.8       22.4       22.4       10.2       N/A       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         CBC 2019       ICC-ES AC156 (2018)/1       2.0       1.0       1.5       3.2       2.4       1.67									DC			
UUT Properties           Weight (lb)         Dimension (in)         Lowest Natural Frequency (Hz)           Operation         Width         States         Side-Side         Vertice           40.8         22.4         22.4         10.2         N/A         N/A         N/A           UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         A <sub>FLX-H</sub> (g)         A <sub>RIG-H</sub> (g)         A <sub>FLX-V</sub> (g)							21	DE C	OKC	AF		
UUT Properties         Weight (lb)       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Steps (2)       Front-Back       Side-Side       Vertice         40.8       22.4       22.4       10.2       N/A       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         CBC 2019       ICC-ES AC156 (2018)/1       2.0       1.0       1.5       3.2       2.4       1.67							MS,			IED.		
Weight (lb)Dimension (in)Lowest Natural Frequency (Hz)OperationWidthO Height 20Front-BackSide-SideVertice40.822.422.410.2N/AN/AN/AUUT Highest Passed Seismic Run InformationBuilding CodeTest CriteriaSps (g) $z/h$ IpA <sub>FLX-H</sub> (g)A <sub>FLX-V</sub> (g)ACBC 2019ICC-ES AC156 (2018)/172.01.01.53.22.41.67						7			UUT Pr			
40.8       22.4       22.4       10.2       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>FLX-V</sub> (g)       A         CBC 2019       ICC-ES AC156 (2018)/1       72.5       0.0       1.5       3.2       2.4       1.67		cy (Hz)	Frequen	t Natural	west	Low				Dimension (in)		Weight
UUT Highest Passed Seismic Run Information           Building Code         Test Criteria         S <sub>DS</sub> (g)         Z/h         Ip         A <sub>FLX-H</sub> (g)         A <sub>FLX-V</sub> (g)         A           CBC 2019         ICC-ES AC156 (2018)/1         2.5         0.0         1.5         3.2         2.4         1.67	rtical	Vert	-Side	Side-	k	t-Back	Front	ight 25	OSHe	Width	Depth	(lb)
Building Code         Test Criteria         S <sub>DS</sub> (g)         z/h         I <sub>P</sub> A <sub>FLX-H</sub> (g)         A <sub>RIG-H</sub> (g)         A <sub>FLX-V</sub> (g)         A           CBC 2019         ICC-ES AC156 (2018)/1         72.0         1.0         1.5         3.2         2.4         1.67	√A/A	N/	/A	N/		/A	N	0.2	1	22.4	22.4	40.8
CBC 2019 ICC-ES AC156 (2018) 1 2/2.0 1.0 1.5 3.2 2.4 1.67						tion	Informa	ismic Run	Passed Se	UUT Highest		
CBC 2019         ICC-ES AC156 (2018)         72.5         0.0         1.5         3.2         2.4         1.67	A <sub>RIG-V</sub> (	A <sub>FLX-V</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-H</sub> (g)	P	I <sub>P</sub>	z/h	S <sub>DS</sub> (g)	ia	Test Crite	ng Code	Buildin
2.5 0.0 1.5	0.67	1.67	24	32	5	1.5	1.0	2.001	2018/1	ICC-ES AC156	2019	CBC 2
Test Mounting Details:	0.07	1.07	2.4	5.2	5	1.5	0.0	2.5	2010/		2013	CDC 2
						2				C-	etails:	Test Mounting De
						2					A	
	6				-						Passa a	
		-					d'	1. Marine		A AN		
BUILAND A BUILAND	1			-			05	DING	Bui			10 A 10

The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end. Future installations will require (8) perpendicular cable braces minimum to restrain against torsion. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	orporation								•
Model Line:	40MBQ							U	UT 2	28
Model Number:	40MBQB1	18C - 3			Serial Nu	ımber:	2216V172	296		
Product Constru	ction Summary:	•								
Carbon steel inte	ernal frame; plas	stic and carbon stee	l outer cove	er						
Options/Subcom	ponent Summa	ıry:								
				ODE						
			EORL	ODE C	0.					
		63			M.					
		NE								
		L.	UUT P	roperties		TA.				
Weight		Dimension (in	UUT P			Lowes	t Natural	Frequen	cy (Hz)	
Weight (lb)	Depth	L.				Lowes -Back	st Natural Side-		1	tical
-	<b>Depth</b> 22.4	Dimension (in		roperties	Front		Side		Ver	tical /A
(lb)	-	Dimension (in Width 22.4	UUT P	roperties eight 25	Front N	- <b>Back</b> /A	Side	-Side	Ver	
<b>(lb)</b> 45.2	-	Dimension (in Width 22.4	UUT Pl	roperties eight 25 10.2	Front N	- <b>Back</b> /A	Side	- <b>Side</b> /A	Ver N	I/A
(lb) 45.2 Buildi	22.4 ng Code	Dimension (in Width 22.4 UUT Highe Test Crit	UUT P	eight 25 10.2 Seismic Run	Front N Informa	-Back /A tion	Side- N/ A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Ver N A <sub>FLX-V</sub> (g)	/A A <sub>RIG-V</sub> (g
<b>(lb)</b> 45.2	22.4 ng Code	Dimension (in Width 22.4 UUT Highe	UUT P	eight 25 10.2 Seismic Run S <sub>DS</sub> (g)	Front N Informa z/h	-Back /A tion	Side- N/	- <b>Side</b> /A	Ver N	I/A
(lb) 45.2 Buildi	22.4 ng Code 2019	Dimension (in Width 22.4 UUT Highe Test Crit	UUT P	eight 25 10.2 Seismic Run S <sub>DS</sub> (g)	Front N Informa z/h 1.0	A /A lion 1.5	Side- N/ A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Ver N A <sub>FLX-V</sub> (g)	/A A <sub>RIG-V</sub> (g
(lb) 45.2 Buildin CBC	22.4 ng Code 2019	Dimension (in Width 22.4 UUT Highe Test Crit	UUT P	eight 25 10.2 Seismic Run S <sub>DS</sub> (g)	Front N Informa z/h 1.0	A /A lion 1.5	Side- N/ A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Ver N A <sub>FLX-V</sub> (g)	/A A <sub>RIG-V</sub> (g
(lb) 45.2 Buildi CBC	22.4 ng Code 2019	Dimension (in Width 22.4 UUT Highe Test Crit	UUT P	eight 25 10.2 Seismic Run S <sub>DS</sub> (g)	Front N Informa z/h 1.0	A /A lion 1.5	Side- N/ A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Ver N A <sub>FLX-V</sub> (g)	/A A <sub>RIG-V</sub> (g
(lb) 45.2 Buildi CBC	22.4 ng Code 2019	Dimension (in Width 22.4 UUT Highe Test Crit	UUT P	eight 25 10.2 Seismic Run S <sub>DS</sub> (g)	Front N Informa z/h 1.0	-Back /A tion I <sub>P</sub> 1.5	Side- N/ A <sub>FLX-H</sub> (g)	-Side /А А <sub>RIG-H</sub> (g)	Ver N A <sub>FLX-V</sub> (g)	/A A <sub>RIG-V</sub> (g



The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 1/8" Ø diagonal cable braces w/ Mason SCB 1/SCBH-1 clips at each end. Future installations will require (8) perpendicular cable braces minimum to restrain against torsion. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:	Carrier Cor	rporation							-
Model Line:	40MBQ	r-				,	U	<b>UT 2</b>	.9
Model Number:	40MBQB09	9F - 3		Serial Numb	ber:	1715V289	949		
Product Construct	-								
Carbon steel interr		ic outer cover							
Options/Subcomp	onent Summar	<i>y</i> :							
		IEDF	ORCODEC	OMD					
		Jul 1	UUT Properties	14					
Weight		Dimension (in)		1	owest	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OS Height 25	Front-Ba			-Side		tical
32.4	23.6	27.6	8.3	N/A	λ	N	/A	N,	/A
		UUT Highest	Passed Seismic Run	Informatio	n				
Buildin	g Code	Test Criter	ria S <sub>DS</sub> (g)	z/h		A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 20	)19	ICC-ES AC156 (	(2018)/13/2.02		1.5 1.5	3.2	2.4	1.67	0.67
Test Mounting Det	tails:	P		Ś	5/				. <u></u>
		C PH- IROPA		OF.			11月1	100	
The second		N/I	A RILL DING	C		©			-
DEST	E C					1.21			
				Phil-			Phi		
				<b>B</b>				N	
				RI		00		Ala.	2000
				5.0					
							400		11
	257.25								
the second se	0 49		Staller -						
						Date: No.	AND DESCRIPTION OF		
							A THE L. COUNCERNMENT CO.		

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

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	orporation								
Model Line:	40MBQ							U	UT 3	50
Model Number:	40MBQB1	.2F - 3			Serial N	umber:	1516V10	082		
Product Constru	uction Summary:									
Carbon steel int	ernal frame; plast	tic outer cover								
Options/Subcor	nponent Summa	ry:								
		ED	FORC	ODEC	OMP					
		Le NL		operties		Z.				
Weight		Dimension (in)	) — — –			Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSR	eight 25	Front	t-Back	Side	-Side	Ver	tical
32.4	23.6	27.6		8.3	N	/A	N	/A	N	/A
		UUT Highes	st Passed S	eismic Run	Informa	tion				
Build	ing Code	Test Crit	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
	-				· · · · · · · · · · · · · · · · · · ·		1	Î		
	2019	ICC-ES AC15	6 (2018) / 1	3/200	1.0	1.5	3.2	2.4	1.67	0.67
CBC	2019	ICC-ES AC15	6 (2018)/1							0.67
CBC	2019	ICC-ES AC15	6 (2018)/1	3/200	1.0	1.5				0.67
CBC	2019	CT.		2.5	1.0 0.0	1.5				0.67
CBC	2019	CT.		2.5	1.0 0.0	1.5				0.67
CBC	2019	CT.	6 (2018)/1	2.5	1.0	1.5				0.67
CBC	2019	CT.		2.5	1.0 0.0	1.5				0.67
СВС	2019	CT.		2.5	1.0 0.0	1.5				0.67
СВС	2019	CT.		2.0	1.0 0.0	1.5				0.67
СВС	2019	CT.		2.0	1.0 0.0	1.5				0.67
СВС	2019 Details:	CT.		2.0	1.0 0.0	1.5				0.67
СВС	2019 Details:	CT.		2.0	1.0 0.0	1.5				0.67
СВС	2019 Details:	CT.		2.0	1.0 0.0	1.5				0.67
СВС	2019 Details:	CT.		2.0	1.0 0.0	1.5				0.67
СВС	2019 Details:	CT.		2.0	1.0 0.0	1.5				0.67
	2019 Details:	CT.		2.0	1.0 0.0	1.5				0.67
СВС	2019 Details:	CT.		2.0	1.0 0.0	1.5				0.67
CBC	2 2019 Details:				1.0 0.0	1.5				0.67
CBC Test Mounting L The UUT was rig	2 2019 Details:	CT.	theet metal	2.0 2.5			3.2			0.67

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								_
Model Line:	ММҮ	<b>P</b> • • • • • • •						U	UT 3	<b>31</b>
Model Number:		)726HT9UL			Serial Nu	mber:	6280000	2		
Product Construct	tion Summary:									
Carbon steel hous	ing									
Options/Subcomp	oonent Summar	y:								
			- 00							
			ORCI	JDE C	0.					
		JED	ORCO		MD,					
		L. L.		operties		7				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	<b>Width</b>	OSHe	ight 25	Front	-Back	Side	-Side	Ver	tical
621	30.7	39	72	2.8	8.	3	11	L.5	>3	3.3
		UUT Highest	t Passed Se	eismic Run	Informat	tion				
Buildin	g Code	Test Crite	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2	019	ICC-ES AC156	(2018)/1	3/2.02	1.0	1.5	3.2	2.4	1.67	0.67
			7	2.5	0.0	1.5				
Test Mounting De	tails:	T				5				
						V				
-+-+		PA			60			2	all all	
	in the	SEE OF SEE	ABUI	DING	is -	A Designation of the local division of the l	-	-		
				10						
				105				H		
			-							
9			ETT C	-						
			-	30	d			111-		
10				C	0./			1		
9					1-					
				-	2.00				13	
The f					1	-			1.	
				5			-		· \	
1									A	

The UUT was rigid floor mounted using four (4) 1/2" A307 bolts with washers. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:	Carrier Cor	poration								
Model Line:	MMY							U	UT 3	<b>32</b>
Model Number:	MMY-MAP1	.686FT6UL			Serial Nu	ımber:	6280004			
Product Constru	ction Summary:									
Carbon steel hou	using									
Ontions/Subcon	nponent Summary	/•								
options, subcom	iponene summary	•								
		5	ORC	ODEC						
		ED			Ms.					
		L. L.		operties		7				
Weight		Dimension (in)		•		Lowest	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSR	eight 25	Front	-Back	Side	-Side	Ver	tical
875	30.7	63		2.9		.0	14	1.4	>3	3.3
		UUT Highes		7						
Build	ing Code	Test Crite	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019	ICC-ES AC156	6 (2018) / 1	3/202	1.0 0.0	1.5 1.5	3.2	2.4	1.67	0.67
Test Mounting D	etails:	1CV		2.5	0.0	2				
, i i i i i i i i i i i i i i i i i i i						VIE			T	
	189	100			- CF					
		TA	1h	III/fitten	COV					
1	The second se		BUI	LDING	1	-				
			Q							
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							ΗE			
			9. J				ĦE			
			2						1.	
						. +			S	
								12	- 18	
			1					1	1	
2							1	1		
En. )						5		( )	13/2	
		O T					1.11.19		1.05%	
	d floor accounter d	raing aight (0) 1 (2)	1007 h - k							
		using eight (8) 1/2" by and remained fur				irement				
	-	per operating cond				ciriciit.				

### 2000830-CR-001-R1



Manufacturer:	Carrier Cor	noration								
Model Line:	MMK	poration						U	<b>UT</b> 3	3
Model Number:	MMK-AP00	73H2H			Serial Nu	ımher·	62800002			-
Product Constru		1311201			Schutha	iniber.	02000002	<u>-</u>		
	rnal frame; plasti	c outer cover								
Options/Subcom	ponent Summar	y:								
		WEDF	ORCO	DEC						
		EDI			OMD					
		C.N.				4				
Weight		Dimension (in)	UUT Pro	operties		Lowes	t Natural	Fraguan	~v (H7)	
(lb)	Depth	Width	OSHei	ght 25	Front	-Back	Side		Vert	ical
33	9	41.3		2.6		/A	N			/A
		UUT Highest					···,		· - /	
Buildi	ng Code	Test Crite		S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	А <sub>гі х-V</sub> (g)	A <sub>PIG-V</sub> (g)
	-			2,2,0	1.0	1.5				
CBC	2019	ICC-ES AC156	(2018)/ 1	2.5	0.0	1.5	3.2	2.4	1.67	0.67
Test Mounting De	etails:	G.				2				
						V/				
	1	PAC PAC			Dr			111	1	
The second a			ARIM	DING	GYA					- Ange
	41 - 20				THE S				at-	
			- 2	-	3.	No.	-		- All	-
					2 1			1.1		
! [.		· · · · · · · · · ·		6						
				2 III UUT 33						
			UNG	UUT 33						
	=				all and					Real Provide State
	道王王	titi 🕂 titi	PARE	An Party Provide Provi	The					-
										3
The second							A. A.			

The UUT was rigid wall mounted using nine (9) #10 sheet metal screws. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	ММК							U	UT 3	54
Model Number:	MMK-AP0	243H2UL			Serial Nı	umber:	6260000	7		
Product Constru	uction Summary:									
Carbon steel int	ernal frame; plast	ic outer cover								
Options/Subcor	nponent Summai	'y:								
		.0	FORCO	DDE C	ON					
		NED			MAN N					
			UUT Pro	operties		Z				
Weight		Dimension (in				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width		ight 25		-Back	Side	-Side	Ver	tical
33	9	41.3		2.6		/A	N,	/A	N	/A
			st Passed Se							
Build	ing Code	Test Cri	teria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC	2019	ICC-ES AC15	6 (2018) / 1	3/ <del>20</del> 2 2.5	1.0	1.5	3.2	2.4	1.67	0.67
Test Mounting L	Dotaile.			2.5	0.0	1.5				
rest mounting L	Jetans.	T.				201				
Louis Cont	and a second second	-0			No the					
		RA	IA BUI	C.	COV					
SSIG	2017/25		BUI	DING	15	In Street			14	1.4
			200							1972
	110···	7 <mark>01 1 1 1 =</mark> 734			1			F		21
					( English	1.1	<u></u> }			
			In							
	0									
	-=				1212				-	
Phone 2										
the state of the s		Card Lines, or party live lines and the same								2

The UUT was rigid wall mounted using nine (9) #10 sheet metal screws. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



	Carrier Co	orporation								
Model Line:	MMC							U	UT 3	55
Model Number:	MMC-AP0	181H2UL			Serial Nu	ımber:	5092009			
Product Construc	tion Summary:									
Carbon steel inter	nal frame; plast	tic outer cover								
Ontions (Cub com										
Options/Subcom	oonent Summai	ry:								
			FORC	ODFO						
			FUR		01.					
		NED			OMP					
		L. L.	UUT Pi	roperties		Z				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSR	eight 25	Front	-Back	Side	-Side	Ver	tical
46	26.8	35.8		8.3	Manana N	/A	N	/A	N	/A
		UUT Highes	t Passed S	eismic Run	Informa	tion		-	-	-
					z/h	I <sub>P</sub> O	Δ(σ)	۵ (ஏ)	Arivy (g)	A <sub>RIG-V</sub> (g
Buildin	g Code	<b>Test Crit</b>	eria	S <sub>DS</sub> (g)	2/11	Р	~FLX-H \6/	~RIG-H \6/	- FLA-V (8/	
		Test Crit		2/202	1.0	1.5				0.67
<b>Buildir</b> CBC 2							3.2	2.4	1.67	0.67
CBC 2	019	Test Crit		2/202	1.0	1.5				0.67
	019	Test Crit		2/202	1.0	1.5				0.67
CBC 2	019	Test Crit		2/202	1.0	1.5				0.67
CBC 2	019	Test Crit		2/202	1.0	1.5				0.67
CBC 2	019	Test Crit		2/202	1.0	1.5				0.67
CBC 2	019	Test Crit		2/202	1.0	1.5				0.67
CBC 2	019	Test Crit		2/202	1.0	1.5				0.67

The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end.

### 2000830-CR-001-R1



Model Line:       MMC         Model Number:       MMC-AP0421H2UL         Serial Number:       60720009         Product Construction Summary:         Carbon steel internal frame; plastic outer cover         Options/Subcomponent Summary:	30
Product Construction Summary: Carbon steel internal frame; plastic outer cover Options/Subcomponent Summary:	
Carbon steel internal frame; plastic outer cover Options/Subcomponent Summary:	
Options/Subcomponent Summary:	
DEOR CODE COA	
DEOR CODE COA	
DEOR CODE COA	
LED AD	
UUT Properties	
Weight Dimension (in) Lowest Natural Frequency (Ha	)
(lb) Depth Q Width OS Height 25 Front-Back Side-Side	ertical
75 26.8 62.8 8.3 N/A N/A	N/A
UUT Highest Passed Seismic Run Information	
Building Code Test Criteria S <sub>DS</sub> (g) z/h I <sub>P</sub> A <sub>FLX-H</sub> (g) A <sub>RIG-H</sub> (g) A <sub>FLX-V</sub>	(g) A <sub>RIG-V</sub> (
CBC 2019 ICC-ES AC156 (2018) 1 2 2 1.0 1.5 3.2 2.4 1.6	0.67
	0.07

The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end.
#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	orporation								-
Model Line:	MMD							U	UT 3	57
Model Number:	MMD-AP0	074BH2UL			Serial Nu	umber:	4068003	5		
Product Construc	tion Summary:									
Carbon steel inter	nal frame; carbo	on steel outer cover	r							
Options/Subcomp	oonent Summai	y:								
			201							
			LUKU	UDEN						
					$\mathcal{I}$					
		EV.	FORC		175					
		N			M Z					
		L.	UUT Pr	operties		Z				
Weight		<b>Dimension</b> (in	)			Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSHe	eight 25	Front	-Back	Side	-Side	Ver	tical
64	31.5	21.7	1	.2.6	N	/A	N	/A	N	/A
		UUT Highe	st Passed S	eismic Run	Informa	tion		•		1
Buildin	g Code	Test Crit	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 2019 ICC-ES AC156 (20)				2/2.00	1.0	1.5	3.2	2.4	1.67	0.67
	019	ICC-ES ACIS	0 (2010)	2.5	0.0	1.5	5.2	2.4	1.07	0.07
				2.5	010	1.0				
Test Mounting De	tails:	12/								



The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end.

#### 2000830-CR-001-R1



Model Line:       MMD       UUT 38         Model Number:       MMD-AP0484BH2UL       Serial Number:       40680003         Product Construction Summary:       Carbon steel outer cover       40680003         Options/Subcomponent Summary:       UUT Properties       VUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (b)       Depth       Width       Height 2       Front-Back       Side-Side       Vertical         119       31.5       53.2       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information       UUT Highest Passed Seismic Run Information       CBC 2019       ICC-ES AC156 (2018) / 2.5       0.0       1.5       3.2       2.4       1.67       0.6         Test Mounting Details:       ICC-ES AC156 (2018) / 2.5       0.0       1.5       3.2       2.4       1.67       0.6	Model Line:       MMD         Model Number:       MMD-AP0484BH2UL       Serial Number:       40680003         Product Construction Summary:       Carbon steel internal frame; carbon steel outer cover	<u> </u>
Product Construction Summary: Carbon steel internal frame; carbon steel outer cover Options/Subcomponent Summary: UUT Properties Weight Dimension (in) Lowest Natural Frequency (Hz) (lb) Depth Width Height Front-Back Side-Side Vertical 119 31.5 53.2 12.6 N/A N/A N/A N/A UUT Highest Passed Seismic Run Information Building Code Test Criteria Sps (g) Z/h lp A <sub>FLX-H</sub> (g) A <sub>RIG-H</sub> (g) A <sub>FLX-V</sub> (g) A <sub>RIG-H</sub> (	<b>Product Construction Summary:</b> Carbon steel internal frame; carbon steel outer cover	
Carbon steel internal frame; carbon steel outer cover  Options/Subcomponent Summary:  UUT Properties  Weight Dimension (in) Lowest Natural Frequency (Hz) (ib) Depth Width SHeight Front-Back Side-Side Vertical 119 31.5 53.2 12.6 N/A N/A N/A  UUT Highest Passed Seismic Run Information  Building Code Test Criteria Sp5 (g) z/h Ip A <sub>FLX-H</sub> (g) A <sub>FLX-H</sub> (g) A <sub>FLX-Y</sub> (g) A <sub></sub>	Carbon steel internal frame; carbon steel outer cover	
Options/Subcomponent Summary:         UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height 2.5       Front-Back       Side-Side       Vertical         119       31.5       53.2       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       z/h       Ip       Artex (g) A <sub>RIG-H</sub>		
UUT Properties       Weight     Dimension (in)     Lowest Natural Frequency (Hz)       (lb)     Depth     Width     Height 25     Front-Back     Side-Side     Vertical       119     31.5     53.2     12.6     N/A     N/A     N/A       UUT Highest Passed Seismic Run Information       UUT Highest Passed Seismic Run Information       CBC 2019     ICC-ES AC156 (2018) / 2.0     1.0     1.5     3.2     2.4     1.67     0.6	Options/Subcomponent Summary:	
UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       S Height 25       Front-Back       Side-Side       Vertical         119       31.5       53.2       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         CBC 2019       ICC-ES AC156 (2018) / 1 / 2,0       1.0       1.5       3.2       2.4       1.67       0.6	Options/Subcomponent Summary:	
UUT Properties       Weight     Dimension (in)     Lowest Natural Frequency (Hz)       (lb)     Depth     Width     Height 25     Front-Back     Side-Side     Vertical       119     31.5     53.2     12.6     N/A     N/A     N/A       UUT Highest Passed Seismic Run Information       UUT Highest Passed Seismic Run Information       Building Code     Test Criteria     Sps (g)     Z/h     Ip     A <sub>FLX-H</sub> (g)     A <sub>FLX-V</sub> (g)     A <sub>RIG-V</sub> CBC 2019     ICC-ES AC156 (2018) / 2.5     0.0     1.5     3.2     2.4     1.67     0.6	Options/Subcomponent Summary:	
UUT Properties           Weight (lb)         Dimension (in)         Lowest Natural Frequency (Hz)           Operation         Width         Steph         Side-Side         Vertical           119         31.5         53.2         12.6         N/A         N/A         N/A           UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         A <sub>FLX-H</sub> (g)         A <sub>RIG-H</sub> (g)         A <sub>FLX-V</sub> (g)         A <sub>RIG-U</sub> CBC 2019         ICC-ES AC156 (2018)/1         2.5         0.0         1.5         3.2         2.4         1.67         0.6		
UUT Properties           Weight (lb)         Dimension (in)         Lowest Natural Frequency (Hz)           Operation         Width         Height 25         Front-Back         Side-Side         Vertical           119         31.5         53.2         12.6         N/A         N/A         N/A           UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         A <sub>FLX-H</sub> (g)         A <sub>RIG-H</sub> (g)         A <sub>FLX-V</sub> (g)         A <sub>RIG-U</sub> CBC 2019         ICC-ES AC156 (2018)/1         2.0         1.0         1.5         3.2         2.4         1.67         0.6		
UUT Properties           Weight (lb)         Dimension (in)         Lowest Natural Frequency (Hz)           Operation         Width         Height 25         Front-Back         Side-Side         Vertical           119         31.5         53.2         12.6         N/A         N/A         N/A           UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         A <sub>FLX-H</sub> (g)         A <sub>RIG-H</sub> (g)         A <sub>FLX-V</sub> (g)         A <sub>RIG-U</sub> CBC 2019         ICC-ES AC156 (2018)/1         2.0         1.0         1.5         3.2         2.4         1.67         0.6		
UUT Properties           Weight (lb)         Dimension (in)         Lowest Natural Frequency (Hz)           Operation         Width         Steph         Side-Side         Vertical           119         31.5         53.2         12.6         N/A         N/A         N/A           UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         A <sub>FLX-H</sub> (g)         A <sub>RIG-H</sub> (g)         A <sub>FLX-V</sub> (g)         A <sub>RIG-U</sub> CBC 2019         ICC-ES AC156 (2018)/1         2.5         0.0         1.5         3.2         2.4         1.67         0.6	OB CODE O	
UUT Properties           Weight (lb)         Dimension (in)         Lowest Natural Frequency (Hz)           Operation         Width         Steph         Side-Side         Vertical           119         31.5         53.2         12.6         N/A         N/A         N/A           UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         A <sub>FLX-H</sub> (g)         A <sub>RIG-H</sub> (g)         A <sub>FLX-V</sub> (g)         A <sub>RIG-U</sub> CBC 2019         ICC-ES AC156 (2018)/1         2.5         0.0         1.5         3.2         2.4         1.67         0.6	DEDINGEST COM	
Weight (lb)         Depth         Width         SHeight 25         Front-Back         Side-Side         Vertical           119         31.5         53.2         12.6         N/A         N/A         N/A           UUT Highest Passed Seismic Run Information           Building Code         Test Criteria         Sps (g)         z/h         Ip         A <sub>RIG-H</sub> (g)         A <sub>FLX-V</sub> (g)         A <sub>RIG-V</sub> (g)         A <sub>RIG-V</sub> CBC 2019         ICC-ES AC156 (2018)/1         /2.5         0.0         1.5         3.2         2.4         1.67         0.6	NED	
(lb)         Depth         Width         SHeight 25         Front-Back         Side-Side         Vertical           119         31.5         53.2         12.6         N/A         N/A         N/A           UUT Highest Passed Seismic Run Information           Building Code         Test Criteria         Sps (g)         z/h         Ip         A <sub>RIG-H</sub> (g)         A <sub>FLX-V</sub> (g)         A <sub>RIG-H</sub> (g)         A <sub>FLX-V</sub> (g)         A <sub>RIG-H</sub> CBC 2019         ICC-ES AC156 (2018)/1         /2.5         0.0         1.5         3.2         2.4         1.67         0.6	UUT Properties	
119       31.5       53.2       12.6       N/A       N/A       N/A         UUT Highest Passed Seismic Run Information         Building Code       Test Criteria       Sps (g)       z/h       Ip       A <sub>FLX-H</sub> (g)       A <sub>FLX-V</sub> (g)       A <sub>FLX-V</sub> (g)       A <sub>RIG-V</sub> CBC 2019       ICC-ES AC156 (2018)/1       /2.5       0.0       1.5       3.2       2.4       1.67       0.6	Weight Dimension (in) Lowest Natural Frequency (Hz)	
UUT Highest Passed Seismic Run Information           Building Code         Test Criteria         S <sub>DS</sub> (g)         z/h         I <sub>P</sub> A <sub>FLX-H</sub> (g)         A <sub>FLX-V</sub> (g)	(lb) Depth Q Width OS Height 25 Front-Back Side-Side Ve	rtical
Building Code         Test Criteria         Sps (g)         z/h         Ip         A <sub>FLX-H</sub> (g)         A <sub>FLX-V</sub> (g)         A <sub>FLX</sub>	119 31.5 53.2 12.6 N/A N/A	J∕A
CBC 2019         ICC-ES AC156 (2018) / 1 / 2.9         1.0         1.5         3.2         2.4         1.67         0.6	UUT Highest Passed Seismic Run Information	
CBC 2019 ICC-ES AC156 (2018)/ 7 2.5 0.0 1.5 3.2 2.4 1.67 0.6	Building Code Test Criteria S <sub>DS</sub> (g) z/h Ip A <sub>FLX-H</sub> (g) A <sub>RIG-H</sub> (g) A <sub>FLX-V</sub> (g	A <sub>RIG-V</sub> (
2.5 0.0 1.5		
Tost Mounting Datails:	CBC 2019 1CC-ES AC136 (2016) 2.5 0.0 1.5 3.2 2.4 1.67	0.67



The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end.

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

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	RBM							U	UT 3	59
Model Number:	RBM-Y0383	BFUL			Serial Nu	mber:	6088002	7		
Product Constru	iction Summary:									
Carbon steel inte	ernal frame; plasti	c outer cover								
Options/Subcon	nponent Summar	y:								
			200	DE						
		2 F	ORLU	DE C	24.					
		NED	ORCO		MD,					
			UUT Pro			7				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	<b>Width</b>	OSHei	ght 25	Front-	Back	Side	-Side	Ver	tical
11	6	9.7	7.	5	N/	A	N	/A	N	/A
		UUT Highest	t Passed Sei	ismic Run	Informat	ion				
Buildi	ing Code	Test Crite	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
СВС	2019	ICC-ES AC156	(2018)/1	2.02	1.0	1.5	3.2	2.4	2.4 1.67	0.67
			<u> </u>	2.5	0.0	1.5				
Test Mounting D	etails:	F				0				
1000					4	TE		-		-
		PRA			00		-		- Dest	
			ABUI	-N-TO			THE			
				ii lin				UN E	1	No.
										THE P
and the second value of th			1	i				SAL	and the	1
-		•					1		2	
						0	19×1			
			Sec. 2		-			0	T	6
	off:	T		1				4 1		

The UUT was ceiling hung using two (2) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end.

#### 2000830-CR-001-R1



Manufacturer:	Carrier Cor	poration								
Model Line:	RBM							U	UT 4	ŀU
Model Number:	RBM-Y0963	BFUL			Serial Nu	mber:	3118002	L		
Product Construc	tion Summary:									
Carbon steel inter	nal frame; plasti	c outer cover								
Options/Subcomp	oonent Summary	/:								
. , .	-									
			ORCO	ODEC						
		ED		ODEC	MS					
		L'N'		operties						
Weight		Dimension (in)		operacs		Lowes	t Natural	Frequen	cv (Hz)	
(lb)	Depth	Width			Front	-Back	1	Side		tical
20	7.9	15.8		7.9	N	/A	N	/A	N	/A
		UUT Highes	t Passed Se	eismic Run	Informa	tion				
Buildin	g Code	Test Crite	eria	S <sub>DS</sub> (g)	z/h	I.O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (§
CDC 2	010			2/2.001	1.0	1.5				
CBC 2	019	ICC-ES AC156	(2018)	2.5	0.0	1.5	3.2	2.4	1.67	0.67
Test Mounting De	tails:	19		+		2				
	00-				North Contraction	$\mathcal{V}$				
		TRAC						170		
	THOM AND		A STATEMENT	TWO TELEVISION	2 Sol				- I	
	000		BUI	LDIN						
B BY			-	1	Sec. 1		100			
LR		12 31 1		, m	100		100			
Part -	1 mile		20		3			War	P	
						1			1	
		10mm	7			and the second second				

The UUT was ceiling hung using two (2) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end.

### 2000830-CR-001-R1



Manufacturer:		orporation								1
Model Line:	40MBQ									┍┻
Model Number:	40MBQB3				Serial Ni	ımber:	4215V51	146		
<b>Product Construc</b> t Carbon steel inter	-									
Options/Subcomp	onent Summai	ry:								
Requires seismic e	enhancements:	(4) #10 self-tapping	g screws in e	each mount	ing brack	ket (16 to	tal)			
				0.0.1						
			FORC	ODE C	Mp,					
		NED			MAS					
			UUT Pr	roperties		Z				
Weight		Dimension (in	)			Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width OS Height 25 Front-Back Side-S						-Side	Ver	tical
77.2	34.1	47.2		11.8		/A	N	Frequency (Hz)		/A
				eismic Run	Informa	tion				1
Buildin	g Code	Test Cri	teria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 2	019	ICC-ES AC15	6 (2018)	3/2021	1.0	1.5	3.2	2.4	1.67	0.67
				2.5	0.0	1.5				
Test Mounting De	tails:	F	1	*		0				
					4					
		PA	1. CALLER ON		-04			100		
			ABM	DING		1			1	
					-		1.000	-	1.4	
			TT I	1			1		-	1
						1		2	-	
Pro de la						1	1			
										1000
			and the second							
	_			•		24.0				

The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end.

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

### 2000830-CR-001-R1



Manufacturer:		orporation							UT 4	1)
Model Line:	40MBQ							U	014	łZ
Model Number:	40MBQB4	8D-3			Serial Ni	ımber:	4215V51	146		
Product Construc	-									
Carbon steel inter	nal frame; plast	tic outer cover								
Options/Subcom	oonent Summa	ry:								
Requires seismic	enhancements:	(4) #10 self-tapping	g screws in e	each mount	ing brack	et (16 to	tal)			
			OPC	ODE						
			FORC		ON.					
		NEL			A P					
		Le la	UUT Pr	operties		7.				
Weight		Dimension (in	n)			Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width OS Height 25 Front-Back Side-S					-Side	Ver	tical	
99.2	30.51	47.24	1	1.81	N	/A	N	/A	N	/A
		UUT Highe	est Passed S	eismic Run	Informa	tion				
Buildin	ig Code	O Test Cri	iteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 2	019	ICC-ES AC1	56 (2018)/1	2/2.021	1.0	<b>1.5</b>	3.2	2.4	1.67	0.67
CDC 2	019,	ICC-ES AGI	20/2010)	2.5	0.0	1.5	5.2	2.4	1.07	0.07
est Mounting De	tails:	R	ſ			0				
						1				
		P)		Strength and a strength of the	0	P 11		1/N		- "
		A DECEMBER OF	ABUP	DING		and the second		1		to I
		XXXXX				States and a		5		
					p	-		and a	6	-
					The second			- /	1	
	C and	27-4	120				B.F.	<		
Ct I			And in case of the local division in which the local division in which the local division in the local divisio		A		•			
R.					Ġ.			. //		
									1	

The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end.

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	MBCQ							U	UT 4	-3
Model Number:	40MBCQ0	93			Serial Nu	mber:	n/a			
Product Construc							,			
Carbon steel inter		ic outer cover								
Options/Subcom	ponent Summar	y:								
		IEDE	ORC	ODE C	OMD,					
		Le la	UUT Pr	operties		Z				
Weight		Dimension (in) <sup>1</sup>				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Vidth	-	ight 25	Front	-Back	Side	-Side	Ver	tical
37.5	25.5	25.5		2.2	n,	X/////	n,	/a	n	/a
		UUT Highes		$\chi \rightarrow \mu $	Informa	tion			1	
Buildin	ig Code	<b>Test Crite</b>	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2	019,	ICC-ES AC156	(2018)/1	3/ <u>2:0</u> 2 2.5	1.0 0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De	etails:	S		+		51	-	-	•	-
	R		AF	NG						
						AL	1			
						11/				
			4		Mass	K Z				
	E Fait	15			5		1_1			
	1. 1.				1					
	p-1									
	I and the									
	The second s	highly the								
	7 - 7	- Lage Lage 1								
		our (4) 3/8" Ø A36 ha	-	w/ rod stiff	eners, squ	uare was	hers, and	eight (8)	3/32" Ø d	iagonal
		3H-0 clips at each en	d.							
<sup>1</sup> Dimensions inclu						•	.0		1	
	-	ty and remained fur		r manufac	turer requ	urement	after shak	ke table to	est.	
Jontents were ind	liuded in testing	per operating cond	iuons.							

#### 2000830-CR-001-R1



Manufacturer:	Carrier Cor	poration								
Model Line:	MBCQ							U	UT 4	4
Model Number:	40MBCQ48	3			Serial Nu	umber:	3220V13	311		
<b>Product Construc</b> Carbon steel inter	=	c outer cover								
Options/Subcom	ponent Summary		FOR	CODEC	OMA					
		ENE		Properties		7				
Weight		Dimension (i				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	<b>Width</b>		leight 25	Front	-Back		-Side		tical
77.5	37.4	37.4		13.5	www.un	/a	n	/a	n	/a
		UUT High	est Passed	Seismic Run	Informa	tion		-		
Buildin	ng Code	C Test Cr	riteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2	019,	ICC-ES AC1	56 (2018)	13/202	1.0 0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De										
The UUT was ceili cable braces w/ M <sup>1</sup> Dimensions inclu Unit maintained s Contents were inc	lason SCB-0/SCB ide plastic panel. structural integrit	H-0 clips at each y and remained	end. functional p					-		iagonal

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation						<b>I</b>	UT 4	
Model Line:	MBDQ								<u>UI 7</u>	)) Ci
Model Number:	40MBDQ09				Serial Nu	mber:	1120V22	510		
	iction Summary:									ļ
Carbon steel inte	ernal frame; carbo	on steel outer cover								
Options/Subcon	nponent Summar	 ′V:								
- <b>F</b> ,	- <b>F</b>									
		E	ORCO	DEC						
		IED F			OMD					
			UUT Pro			1				
Weight		Dimension (in)	007710	percies		Lowes	st Natural	Frequen	cv (Hz)	
(lb)	Depth	Width	OSHei	ght 25	Front-			-Side		tical
47	19.9	27.6	7.		n/	а	n	/a		/a
		UUT Highest	Passed Se	ismic Run	Informat	ion				
Buildi	ing Code	Test Criter	ia	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019,	ICC-ES AC156 (	2018)/1	3/202	1.0	1.5	3.20	2.40	1.67	0.67
Test Mounting D	-taila.			2.5	0.0	10				
Test Mounting D	etans:	T				Sol -				
		10								
		RAL		A G	CO	K				
			BON	P						
			Valle			No.				
					SP					
				a						
					3					
						1C				
			1.1	0	0	1				
				T		The second				
			1.80	-						

The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners, square washers, and four (4) 3/32" Ø diagonal cable braces w/ Mason SCB-0/SCBH-0 clips at each end. Two (2) 3/8" -1" zip screws added to each mounting bracket. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

#### 2000830-CR-001-R1



	Manufacturer:	Carrier Co	rporation								~
Product Construction Summary: Carbon steel internal frame; carbon steel outer cover Options/Subcomponent Summary: UUT Properties UUT Properties UUT Properties UUT Properties UUT Properties UUT Properties UUT Highest Passed Seismic Run Information Building Code Test Criteria Sos (g) Z/h Ip AFIXH (g) AFIXH	Model Line:								U	UI 4	16
Carbon steel internal frame; carbon steel outer cover           Options/Subcomponent Summary:         UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height       Front-Back       Side-Side       Vertical         182       33.8       55.1       11.8       n/a       n/a       n/a         UUT Highest Passed Seismic Run Information         Est Colleg (2018)/1       1.5       3.20       2.40       1.67       0.67         Test Mounting Details:	Model Number:	40MBDQ58	83			Serial Ni	umber:	n/a			
Options/Subcomponent Summary:	Product Constru	uction Summary:									
UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height       Front-Back       Side-Side       Vertical         182       33.8       55.1       11.8       n/a       n/a       n/a         UUT Highest Possed Seismic Run Information         Building Code       Test Criteria       Sos (g)       Z/h       Ip       AFLX+N (g)       AFLX-N (g)       AFIG-N (g)       AFIG-N (g)         CBC 2019,       ICC-ES AC156 (2018)       2.5       0.0       1.5       3.20       2.40       1.67       0.67         Test Mounting Details:	Carbon steel int	ernal frame; carbo	on steel outer cover								
UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height       Front-Back       Side-Side       Vertical         182       33.8       55.1       11.8       n/a       n/a       n/a         UUT Highest Possed Seismic Run Information         Building Code       Test Criteria       Sos (g)       Z/h       Ip       AFLX+N (g)       AFLX-N (g)       AFIG-N (g)       AFIG-N (g)         CBC 2019,       ICC-ES AC156 (2018)       2.5       0.0       1.5       3.20       2.40       1.67       0.67         Test Mounting Details:											
UUT Properties         Weight       Dimension (in)       Lowest Natural Frequency (Hz)         (lb)       Depth       Width       Height       Front-Back       Side-Side       Vertical         182       33.8       55.1       11.8       n/a       n/a       n/a         UUT Highest Possed Seismic Run Information         Building Code       Test Criteria       Sos (g)       Z/h       Ip       AFLX+N (g)       AFLX-N (g)       AFIG-N (g)       AFIG-N (g)         CBC 2019,       ICC-ES AC156 (2018)       2.5       0.0       1.5       3.20       2.40       1.67       0.67         Test Mounting Details:	Ontions/Subso										
UUT Properties           Weight (lb)         Dimension (in)         Lowest Natural Frequency (Hz)           182         33.8         55.1         11.8         n/a         n/a         n/a           UUT Highest Passed Seismic Run Information           Building Code         Test Criteria         Sps (g)         Z/h         Ip         A <sub>FLX+H</sub> (g)         A <sub>FLX-Y</sub> (g)         A <sub>RIG-Y</sub> (g)           CBC 2019,         ICC-ES AC156 (2018)         2.5         0.0         1.5         3.20         2.40         1.67         0.67	Options/Subcor	nponent Summar	y:								
UUT Properties           Weight (lb)         Dimension (in)         Lowest Natural Frequency (Hz)           182         33.8         55.1         11.8         n/a         n/a         n/a           UUT Highest Passed Seismic Run Information           Building Code         Test Criteria         Sps (g)         Z/h         Ip         A <sub>FLX+H</sub> (g)         A <sub>FLX-Y</sub> (g)         A <sub>RIG-Y</sub> (g)           CBC 2019,         ICC-ES AC156 (2018)         2.5         0.0         1.5         3.20         2.40         1.67         0.67											
UUT Properties           Weight (lb)         Dimension (in)         Lowest Natural Frequency (Hz)           182         33.8         55.1         11.8         n/a         n/a         n/a           UUT Highest Passed Seismic Run Information           Building Code         Test Criteria         Sps (g)         Z/h         Ip         A <sub>FLX+H</sub> (g)         A <sub>FLX-Y</sub> (g)         A <sub>RIG-Y</sub> (g)           CBC 2019,         ICC-ES AC156 (2018)         2.5         0.0         1.5         3.20         2.40         1.67         0.67				ORCO							
UUT Properties           Weight (lb)         Dimension (in)         Lowest Natural Frequency (Hz)           182         33.8         55.1         11.8         n/a         n/a         n/a           UUT Highest Passed Seismic Run Information           Building Code         Test Criteria         Sps (g)         Z/h         Ip         A <sub>FLX+H</sub> (g)         A <sub>FLX-Y</sub> (g)         A <sub>RIG-Y</sub> (g)           CBC 2019,         ICC-ES AC156 (2018)         2.5         0.0         1.5         3.20         2.40         1.67         0.67			DF	UNU		ON					
Weight (lb)Dimension (in)Lowest Natural Frequency (Hz)18233.855.111.8n/an/aUUT Highest Passed Seismic Run InformationBuilding CodeTest CriteriaSps (g)Z/hIpA <sub>FLX-R</sub> (g)A <sub>FLX-V</sub> (g)			NED								
Ub         Depth         Width         Height 25         Front-Back         Side-Side         Vertical           182         33.8         55.1         11.8         n/a         n/a         n/a           UUT Highest Passed Seismic Run Information         UUT Highest Passed Seismic Run Information         Arits v (g)         Arit			4	UUT Pro	perties		Z				
182         33.8         55.1         11.8         n/a         n/a         n/a           UUT Highest Passed Seismic Run Information           Building Code         Test Criteria         Sps (g)         Z/h         Ip         A <sub>FLX-H</sub> (g)         A <sub>RIG-W</sub> (g) <td>-</td> <td></td> <td></td> <td></td> <td>0405</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	-				0405						
UUT Highest Passed Seismic Run Information           Building Code         Test Criteria         Sps (g)         Z/h         Ip         A <sub>FLX-H</sub> (g)         A <sub>RIG-H</sub> (g)         A <sub>FLX-V</sub> (g)         A <sub>RIG-V</sub> (g)           CBC 2019,         ICC-ES AC156 (2018) / 1         2.0         1.0         1.5         3.20         2.40         1.67         0.67					-						
Building Code         Test Criteria         Sps (g)         z/h         Ip         AFLX-H (g)         AFLX-Y (g)	182	33.8					3 6 10 10 10 10	n	/a	n	ı/a
CBC 2019,         ICC-ES AC156 (2018) / 1         1.0         1.5         3.20         2.40         1.67         0.67						<u> </u>			r —	<del>.                                    </del>	<del></del>
CBC 2019,         ICC-ES AC156 (2018)         2.5         0.0         1.5         3.20         2.40         1.67         0.67           Test Mounting Details:	Build	ing Code	Test Criter	'ia			I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
Test Mounting Details:	CBC	2019,	ICC-ES AC156 (	2018)/1			1.5	3.20	2.40	1.67	0.67
	Toot Mounting	Detaile			2.5	0.0				<u> </u>	<u> </u>
UTHU POLOS ACTOST	Test Mounting I	Jetans:	- France		h		0				
UTHU PAGE A E TAST	J		Kongener			K					
NTHO PARS TO TO TO TO TO TO TO TO TO TO			RAT		and the second second	CO	1		1 3		
UTHU POLOS ACTUST				BIL	DUNG						1
NITHO ROLESS ReFest		1		-	Las -			1	k a	~	8
HUTHLE RELEASE Refest		SAV							ILA	K	
Refest		B. Uur	46 182 LBS	Children and						-	
Refist		46	H	The second		7		1		NY	F
Relest		Tom second .		and the state	4 A 3		6		e -		
		Retest			Chan .						
			N	-		-	-511		TRU		

The UUT was ceiling hung using four (4) 1/2" Ø A36 hanger rods w/ rod stiffeners, square washers, and eight (8) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end. Four (4) 1/4" -1" zip screws added to each mounting bracket. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

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### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	MMU							U	UT 4	7
Model Number:	MMU-AP00	)74HPUL			Serial Nu	mber:	n/a			
Product Constru	ction Summary:									
Carbon steel inte	rnal frame; plasti	ic outer cover								
Onting /Subcom										
Options/Subcom	ponent Summur	y:								
		-	ORCO	DEC						
		EDT	ORCO		MAS					
		L.N.				-				
Weight		Dimension (in) <sup>1</sup>	UUT Prop	perties		Lowos	t Natural	Fraguan	ev (47)	
(lb)	Depth	Width	OSHeig	Pht 25	Front			-Side		tical
44	37.4	37.4	10		n/			/a		/a
ı		UUT Highest						/ - 	· · · · · · · · · · · · · · · · · · ·	
Buildi	ng Code	Test Criter	ria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2	2019.	ICC-ES AC156 (	2018)/13	2.02	1.0	1.5	3.20	2.40	1.67	0.67
				2.5	0.0	1.0				
Test Mounting Do	etails:	P				SI				
	1			A			1			
		PAN			COX					
			ABGI	DING	1		-			
							7			
	10.01	·	16.00	L. A			/			
	Fred -			~~	,					
					/	/				
				Cet.		40				
	H			1		1	×.			
		and anone barren		4-		1 and and a				
					19	-				
	19									
					A		1			
		our (4) 3/8" Ø A36 han	iger rods w/	/ rod stiffe	eners and	l eight (8	) 3/32" Ø d	diagonal o	cable bra	ces w/
Mason SCB-0/SCI	BH-0 clips at each	າ end.								

<sup>1</sup>Dimensions include plastic panel.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation							
Model Line:	MMU						<u> </u>	UT 4	δ
Model Number:	MMU-AP04	184HPUL		Serial Nu	ımber:	n/a	_		_
	uction Summary:								
Carbon steel int	ernal frame; plasti	ic outer cover							
Options/Subcom	nponent Summar	y:							
			- 2002 -						
		EDF	ORCODEC	OMD;					
		EN I	UUT Properties		2				
Weight		Dimension (in) <sup>1</sup>			Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OS Height 25	Front	-Back	1	-Side		tical
67	37.4	37.4	12.6	n/	/a	n	/a	n	/a
		UUT Highest	Passed Seismic Run	Informat	tion				
Build	ing Code	Test Criter	ia S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019,	ICC-ES AC156 (	2018)/18/2.02	1.0	1.5	3.20	2.40	1.67	0.67
		1 all all all all all all all all all al	2.5	0.0	/a/		-		
Test Mounting D	Details:	T			5				
	10			1 le					
	1	PAL		202	4				
			BUILDING						
	The second				1 4	IT			
				1					
	Note of			-	//				
				· A					
		48		220	6	1			
		40				11			
	-4/	19 I.v.			-	1			
						1			
				800	-	1/1			
The UIUT was ce	iling hung using fo	our (4) 3/8" Ø A36 han	ger rods w/ rod stiffe	eners and	l eight (8	) 3/32" Ø (	diagonal	able bra	ces w/

Mason SCB-0/SCBH-0 clips at each end.

<sup>1</sup>Dimensions include plastic panel.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	MMD							U	UT 4	ŀ9
Model Number:	MMD-AP00	)76BHPUL			Serial Nı	mber:	n/a			
Product Construc	tion Summary:									
Carbon steel inter	nal frame; carbo	on steel outer cover								
Options/Subcomp	oonent Summar	<i>y</i> :								
			200							
			ORU	DDE C	21.					
		NED		ODEC	MS,					
		L. L.	UUT Pr	operties		7				
Weight		<b>Dimension (in)</b>				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSHe	ight 25	Front	-Back	Side	-Side	Ver	tical
54	29.5	27.6	9	9.3	///////n	/a	n	/a	n	/a
		UUT Highes	t Passed Se	eismic Run	Informa	tion				-
Buildin	g Code	Test Crite	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (§
CBC 2	019.	ICC-ES AC156	(2018)/1	3/2.021	1.0	1.5	3.20	2.40	1.67	0.67
				2.5	0.0					
Test Mounting De	tails:	T				5				
	3					MA				
	and and	- Op			20	F				
			AN	146		A	K			
					-		145			
						1/5				
					- [TRU] 50					
				N	11	7				
			Num		Kel					

The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners and eight (8) 3/32" Ø diagonal cable braces w/ Mason SCB-0/SCBH-0 clips at each end.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	orporation					.		:0
Model Line:	MMD						U	UT 5	0
Model Number:	MMD-AP0	546BHPUL		Serial Ni	umber:	n/a			
Product Construc	-								
Carbon steel inter	nal frame; carb	on steel outer cover							
Options/Subcom	nonont Summa	×17.							
)ptions/Subcom	onent Summa	ry:							
			ORCODEC	01.					
		WED		M P					
T		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	UUT Properties		T1				
Weight		Dimension (in)				t Natural			
(lb)	Depth	Width	OS Height 25		-Back		-Side		tical
90.5	29.5	55.1	9.3		/a	n,	/a	n	/a
			t Passed Seismic Ru			1	I		<u> </u>
Buildin	g Code	<b>Test Crite</b>		z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (§
CBC 2	019,	ICC-ES AC156	(2018)/1 3/2.0 2.5	1.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De	taila		2.5	0.0	121				
lest mounting De		P			0				
			1- Contraction						
			A BANDIN						
					1.5.				
			ñ - Compa						

The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 3/32" Ø diagonal cable braces w/ Mason SCB-0/SCBH-0 clips at each end.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								1
Model Line:	MMD							U	UT 5	) T
Model Number:	MMD-AP02	246HPUL			Serial Nı	umber:	n/a			
Product Construct										
Carbon steel interr	nal frame; carbo	on steel outer cove	r							
Options/Subcomp	onent Summar	y:								
			FORC	ODE						
		0	FURE		OMP					
		NE								
		~~~~~		operties		71				
Weight		Dimension (in		.0125			1	Frequen		
(lb)	Depth	Width		eight 25	70	-Back		-Side		tical
76.5	29.5	39.3		1.7		/a	<u>  n</u>	/a	n	/a
Building	T Code	Test Crit	est Passed Set	S <sub>DS</sub> (g)	z/h		A (g)	Δ (σ)	Δ (σ)	A (c
Buituing	; coue		4.0.1.4	3 <sub>DS</sub> (g)	1.0	Р	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	
CBC 20	19,	ICC-ES AC15	6 (2018)	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting Det	ails:	12		+		2				
2		-Levit -la				AN A		9		
							-			
			A A A A A A A A A A A A A A A A A A A	THE Game of the Local Co	S					
							1 Pse	1		
								1		
						VA	let			
		-		li	B					
						PL.				
		3+-								
								3.1		
	Ener			11	The second			T.		
	T to a			6						
						100	-4			
					0 1					
			×	-	9 \$	A. A				
The UUT was ceilir Mason SCB-0/SCBI		our (4) 3/8" Ø A36 h	anger rods	w/ rod stiff	eners and	d eight (8)	3/32" Ø	diagonal	cable bra	ces w/

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	orporation								· <b>^</b> _
Model Line:	MMD							U	UT 5	2
Model Number:	MMD-AP0	966HPUL			Serial Nu	mber:	200004			
Product Construc	tion Summary:									
Carbon steel inter	nal frame; carb	on steel outer cover								
<u> </u>										
Options/Subcomp	oonent Summai	ry:								
			ORCO							
		:DF	ORO	DDEC	M					
		NE								
		No.	UUT Pro	operties		Z				
Weight		Dimension (in)		0125	_		t Natural	-		
(lb)	Depth	Width		ight 25	70	-Back		-Side		tical
218.5	35.4	55.1	1	7.6	n,		<u> </u>	/a	n	/a
Duildin	a Codo	UUT Highest						A (~)	A (-)	A (a
Buildin	g Code	lest Criter	1a	<b>S</b> <sub>DS</sub> (g)	<b>z/h</b> 1.0	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
Building Cod	le: CBC 2019	ICC-ES AC156	2018)/1	3/ <del>2.0</del> 21 2.5	0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De	tails:	101		2.5	0.0	2	/			
rest mounting be						<u>P</u>				
		1 Port				TA				
		T			2					
			PUT	DINO						
				_			*/			
		UUT56 117L85								
		The second se					Active			
	- Contant			-12		- ht line				
				N. C.						

The UUT was ceiling hung using four (4) 1/2" Ø A36 hanger rods w/ rod stiffeners, square washers, and eight (8) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end. See additional mounting detail below. Unit maintained structural integrity and remained functional per manufacturer requirement. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1





### 2000830-CR-001-R1



Manufacturer:	Carrier Co	orporation								• •
Model Line:	RMB							U	UT 5	5
Model Number:	RMB-Y038	34FUL			Serial Nu	mber:	n/a			
Product Construe	ction Summary:									
Carbon steel inte	rnal frame; carb	on steel outer cover								
Options/Subcom	ponent Summai	r <b>y:</b>								
			FORCO	UDE C	21.					
		NED			MP/					
		- H	UUT Pro	perties		2				
Weight		Dimension (in		0405			t Natural		r	
(lb)	Depth	& Width		ght 25	Front-	1000 A		-Side		tical
25	11.8	19.4		1//////////////////////////////////////	n/:		n,	/a	n	/a
			st Passed Se		41 I SA - I PA			1	1	<u> </u>
Buildir	ng Code	<b>Test Crit</b>	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 2	019,	ICC-ES AC15	6 (2018) / 1	3/2021	1.0	1.5	3.20	2.40	1.67	0.67
				2.5	0.0	$\frac{1}{\alpha}$				
Test Mounting De	etails:					D'A	- //			
		611				1				
		T SPA	A REAL		01					
	and the second s		ABH	And			AN			
	and the second se				-					
							-A-E			
			14			-				
			Altor		E 7	1	-			
					K	1	A			
	de la compañía				1.14					
		LASS Th	1		-					
						- 4				
	100 100 100 1 - 12 M									

The UUT was ceiling hung using three (3) 3/8" Ø A36 hanger rods w/ rod stiffeners and four (4) 3/32" Ø diagonal cable braces w/ Mason SCB-0/SCBH-0 clips at each end. Unit had two mounting brackets on one side and only a single bracket in the center on the opposite.

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

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#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:		nch Selector						U	UT 5	5
Model Number:	RBM-Y061	1F4PUL			Serial Nu	umber:	9260001	8		
Product Construct	tion Summary:									
Carbon steel inter	nal frame; carbo	on steel outer cover								
Options/Subcomp	oonent Summar	-	ORC	ODE C	0.					
		IENED.		roperties	Mp	T				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSR	eight 25	Front	-Back	Side	-Side	Ver	tical
83.5	22.4	28.8		8.5		/a	n	/a	n	/a
		UUT Highest	Passed S	eismic Run	Informa	tion			1	-
Buildin	g Code	Test Criter	ria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (
CBC 20	)19,	ICC-ES AC156	(2018)/1	3/202	1.0 0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De	tails:				CODE	20				

10/13/2021

Contents were included in testing per operating conditions.

OSP-0125

The UUT was ceiling hung using four (4) 3/8" Ø A36 hanger rods w/ rod stiffeners and eight (8) 3/32" Ø diagonal cable braces w/

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

Mason SCB-0/SCBH-0 clips at each end. Two (2) 3/8" -1" zip screws added to each mounting bracket.

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#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	orporation								
Model Line:	RBM-Brar	nch Selector						U	UT 5	6
Model Number:	RBM-Y061	1F6PUL			Serial Nu	umber:	2800041			
Product Construc	tion Summary:									
Carbon steel inter	nal frame; carb	on steel outer cove	r							
Options/Subcom	ponent Summai	r <b>y:</b>								
		-								
			-nRC	ODEA						
		-0	FOIL	ODE C	ON					
		NEL								
			UUT P	Properties		Z				
Weight		Dimension (in	)			Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	<b>Width</b>	OSH	leight 25	Front	-Back	Side	-Side	Ver	tical
117	22.4	41.4		8.5	//////n	/a	n	/a	n	/a
		UUT Highe	st Passed	Seismic Run	Informa	tion				
Buildin	g Code	Test Crit	teria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CDC 2	010		c tan a l	20	1.0	1 5				
CBC 2	019,	ICC-ES AC15	0 (2018)	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De						$\gamma \propto /$	ļ.			
	tails:	T.								





The UUT was ceiling hung using four (4) 1/2" Ø A36 hanger rods w/ rod stiffeners and four (4) 1/8" Ø diagonal cable braces w/ Mason SCB-1/SCBH-1 clips at each end. Three (3) 1/4" Grade 5 bolts with washer and nuts added to each mounting bracket. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

#### 2000830-CR-001-R1



Manufacturer:	Carrier Cor	rporation								_
Model Line:	MBFQ							U	<b>UT 5</b>	57
Model Number:	40MBFQ12	23			Serial Nu	umber:	n/a			
Product Constru	-						7			
	ernal frame; plasti	ic outer cover								
Options/Subcom	ponent Summar	у:								
			ORC	ODF						
		20	FOR	ODEC	M					
		NE								
		~~~~		roperties		71				
Weight		Dimension (in		0405			t Natural			
(lb)	Depth	<b>Width</b>		eight 25	717	-Back		-Side		tical
32.5	8.3	27.7		23.6		/a	n	/a	n,	/a
				Seismic Run			1			
Buildi	ng Code	Test Crit	teria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2	2019,	ICC-ES AC15	6 (2018)	<u>3/202</u> 2.5	1.0	1.5	3.20	2.40	1.67	0.67
Toot Mountin a D				2.5	0.0					
Test Mounting D	etans:	The second	to the second			20				
			Contestant /							
		R		and the	COV					
			ABU	II DING	2.0					
		A.			20					
				Star with						
			WT- 57							
				(上) () () ()						
			Inter							
					1					
					a wind the					
					1-					
		Read at 1 ADDRESS ARRANGES								

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	MBFQ							U	UT 5	58
Model Number:	40MBFQ5	83			Serial Nı	ımber:	3820V12	461		
<b>Product Constru</b> Carbon steel inte	-	ic outer cover								
Options/Subcom	nponent Summai	-	ORCI	ODE C	OMP					
		C.N.L		operties						
Weight		Dimension (in)	UUTPR	opercies		Lower	t Natural	Fragues	CV (H7)	
(lb)	Depth	Width	OSH	ight 25	Front	-Back	1	-Side		tical
97.5	9.25	65.0		6.6	70	/a		/a		/a
5115	5.25	UUT Highest						/ 4		74
Buildi	ng Code	Test Crite	III IS UI	S <sub>DS</sub> (g)	z/h	I I P	A <sub>ELV H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLVV</sub> (g)	A <sub>PIC V</sub> (g)
	_		4.0.1.4	2/2.00	1.0					
CBC	2019,	ICC-ES AC156	(2018) / I	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Unit maintained	structural integri	(4) 3/8" lag bolts wi ity and remained fun per operating condi	ictional pe		urer requ	uirement	after shal	ke table to	est.	

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation					_		
Model Line:	MARB						U	UT 5	59
Model Number:	38MARBQ	12AA101		Serial Nur	nber:	4920V144	43		
Product Constru	iction Summary:								
Carbon steel									
Options/Subcon	nponent Summar	y:							
			-D CODE -						
		DF	ORCODEC	ON					
		NE		M2					
		L'	UUT Properties		2				
Weight		Dimension (in)				t Natural			
(lb)	Depth	<b>Width</b>	OS Height 25	Front-	44.0		-Side		tical
65	13.0	31.7	21.8	15.		12	2.1	31	.3
			Passed Seismic Run				1		
Buildi	ing Code	<b>O</b> Test Crite		z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019,	ICC-ES AC156	(2018)/1 3/2.0 2.5	1.0 0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting D	etails:	S.	2.5	0.0	2				
,					0	~			
	8	PD.		- OF	1				
		carrier	A DUE DING	Co.					
		II	BUILDIN						
				M		-			
		1		Per					
	m								
				007-60 142	LBS 60				
		THE UUT-54			- \				
		59							
1									
	Pe								

UUT base mounted-rigid with four (4) 3/8" Grade 8 Bolts with washers and rubber pads provided by manufacturer. Bolts torqued to 15ft-lbs.

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	orporation								
Model Line:	MARB							U	UT 6	<b>50</b>
Model Number:	38MARBQ	36AA301			Serial Nu	mber:	4920V14	44		
<b>Product Constru</b> Carbon steel	ction Summary:									
Options/Subcon	nponent Summar	-	FORC	ODE C	01					
		L.	UUT Pr	operties	Mp,	T <sub>1</sub>				
Weight		Dimension (in)		.0125			st Natural			
(lb)	Depth	<b>Width</b>		right 25		-Back		-Side		tical
142	16.1	37.2		1.9	7.		7	.6	26	5.8
		UUT Highes		$\frac{1}{1}$	<u> </u>		1			
Buildi	ng Code	Test Crit	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019,	ICC-ES AC15	6 (2018) / 1	3/ <u>2.0</u> 2 2.5	1.0 0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting D	etails:			LDING						

Contents were included in testing per operating conditions.

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation						U	UTE	51
Model Line:	MBRBQ	264 4 201			Serial Nu	<b>.</b>	2020//11			/ <b>±</b>
Model Number: Product Constru	38MBRBQ Iction Summary:	3644301			Serial NL	imber:	2920V11	625		
Carbon steel	ccion Summary.									
Ontions/Subcon	nponent Summar	·V•								
000000000000000000000000000000000000000	inponent Summar	<i>.</i>								
		2	FORCO	DDE C	OMD					
		NED			MP/					
	<b></b>	- Lui		operties		Z			<u> </u>	
Weight	Denth	Dimension (in)		0125			t Natural			<u></u>
(lb)	<b>Depth</b> 16.1	<b>Width</b> 37.2		i <b>ght 25</b> 1.9	70	- <b>Back</b> .5		- <b>Side</b> 2.5		tical
155	10.1	UUT Highes			100		1 1/	2.3	20	8.8
Build	ing Code	Test Crit		S <sub>DS</sub> (g)	z/h		А <sub>п х-н</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>PIG-V</sub> (g)
	2019,	ICC-ES AC156	1011	8/202	1.0	1.5	3.20	2.40	1.67	0.67
СВС	2013,	ICC-ES ACISC		2.5	0.0	1.5	5.20	2.40	1.07	0.01
Test Mounting D	Details:	E.				5		_		
				0.01		·	58			
				Paran I	CO .		RUT	2		
		- 1	ABUI	DINO		7-				
					55.0#	7.				
					Carrier					
	2									
					61			2		
						2				
		1	-		10	- and				
		9		· · · ·				1		
		A17	9 · · · •	and the second		The Lot	the state the			
_				_				_		
JUT base moun	ted-rigid with fou	r (4) 3/8" Grade 8 bo	olts with wa	shers and	rubber pa	ads provi	ided by m	anufactu	rer.	

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	poration								
Model Line:	MBRBQ							U	UT 6	2
Model Number:	38MBRBQ4	18AA3			Serial Nu	mber:	2720V11	345		
Product Construe	ction Summary:									
Carbon steel										
Options/Subcom	ponent Summar	y:								
			20	005						
		.0	FORL	ODEC	On					
		NED			M S					
				roperties		Z				
Weight		Dimension (in)		0125			t Natural		<u> </u>	
(lb)	Depth	Width	_	eight 25	Front	4447		-Side		tical
216	16.3	37.5		52.5 Seismic Run	6.		9	.1	3.	1.4
Buildin	ng Code	Test Crit		Selsinic Run	z/h		A (g)	A <sub>RIG-H</sub> (g)	A (g)	Δ (σ)
	-		1.0.1	<b>J</b> <sub>DS</sub> ( <b>B</b> )	1.0					
CBC 2	.019,	ICC-ES AC15	6 (2018)	2.5	0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De	etails:	9		4		2				
	the second					V				
		~OP.			DF-			(		
		· · · ·	ARU	U DING	cp.					
		"FORN	. 50							
				Ter Office			6	AN		
	See State				1000	1	2			
						tare.	Late I			
	1. 24				BAN		Pr 2			
								0.		
				0				Y		
			0			-				
						No.				
UUT base mount	ed-rigid with four	(4) 3/8" Grade 8 bo	olts with w	ashers and	rubber pa	ids provi	ded by m	anufactu	rer.	
Unit maintained	structural integrit	ty and remained fu	nctional p	er manufact	urer reau	irement	after shal	ke table to	est.	

TRU Compliance, by Structural Integrity Associates, Inc. 844-TRU-0200 | info@trucompliance.com Page 98 of 116

Contents were included in testing per operating conditions.

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	MCY-MAP							U	UT 6	<b>j3</b>
Model Number:	MCY-MAPO	)607HS-UL			Serial Nu	mber:	006E003	<b></b> 7		
Product Construe										
Carbon steel										
Options/Subcom	ponent Summar	<i>y</i> :								
		EDE	ORC	ODEC	OMO					
		EN L	<u></u>	operties		Y,				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSHe	ight 25	Front	-Back	Side	-Side	Ver	tical
310.5	17.4	39.8		61	15.	<u></u>	15	.07	28	.35
		UUT Highes		<del>7 U I II</del>						
Buildir	ng Code	Test Crite	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub>	А <sub>FLX-Н</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2	019,	ICC-ES AC156	(2018)/1	3/ <u>2.0</u> 2 2.5	1.0 0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De				1000 - C						
Unit maintained s	structural integri	r (4) 3/8" Grade 8 bo ty and remained fur per operating cond	nctional pe		urer requ	iirement	after shak	ke table te	est.	

#### 2000830-CR-001-R1



Manufacturer:	Carrier Corp	poration								1~
Model Line:	40QQ								UT 6	4a
Model Number:	40QQ-036A	BA3A0A0			Serial Nu	ımber:	4420C88	680		
Product Construc	tion Summary:									
Formed carbon st	eel construction.									
	ponent Summary									
DX-PMV Kit (PN: R	BM-A0121GUL), E	Brach Selector(PN	I:RBM-Y0384	-FUL)						
			-OR CO	DDEr						
		63	FORCO		M					
		NE								
Weight		Dimension (in		operties		Lowor	st Natural	Froquon	cy (Ц-)	
(lb)	Depth	Width		ight 25	Front	-Back	1	-Side		tical
359	46.6	74.4		3.4	7/7	91		.72		.82
	1010		st Passed Se		07	5//////				.02
Buildin	g Code	Test Crit		S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 2010	IRC 2019	ICC-ES AC15	c/2010/1	8/2.00	1.0	1 5				0.67
CBC 2019	, IBC 2018			2.5	0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De	tails:	S								
						The				
A	UNIT TO CURB TTACHMENT DETAI	L			- A	-		- Plan		
	✓TYP, UNIT	71			Chin					
		L REW	" BUII	_D 🔛		aju	-			
	#10 TEK SC (FACTORY INSTALLED)	)							6	
		RAIL		NA						
		L							-	
	#12 TEK SCI (FIELD INST	REW				-	00			
	MICROHOLE									
	STIFFENER FILTER CUR			R				1	1 and	
	FILTER CUR						-			
Three	brackets on each				9					
	l) #12 screws use									
bracke	•	eu in each				· ·	or A			
DIGCKE						XP			A	
MicroMetl rigid fil	ter curb, 40"tall (F	PN:W537-FLT-12-S	SA-CBC) moւ	unted to th	e table w	ith twelv	ve (12) 1/2	" Grade 8	bolts wit	:h

### 2000830-CR-001-R1



Manufacturer:	Carrier Corp	oration					UT 64	4h
Model Line:	40QQ							4N
Model Number:	40QQ-036AE	3A3A0A0		Serial Number:	4420C88	680		
Product Construc	-							
Formed carbon st	eel construction.							
Options/Subcomp	oonent Summary:							
DX PMV Kit (PN: R	BM-A0961GUL), D	X Controller (PN: T	CB-IFDA1-GUL), Brac	h Selector(PN:RB	M-Y0384-F	UL)		
		nF	ORCODEC	On.				
		NED		MP2				
		<u> </u>	UUT Properties	· Fy			·	
Weight (lb)	Dauth	Dimension (in)	OSP.0125		t Natural			
	<b>Depth</b> 46.6	<b>Width</b> 74.4	33.4	Front-Back 9.91		-Side .72		<b>tical</b> .82
359	40.0				21	.12	11	.82
Buildin	g Codo	Test Criter	Passed Seismic Run	z/h I <sub>P</sub>	<b>A</b> (a)	A (a)	A (a)	A (0
				1.0		A <sub>RIG-H</sub> (g)		
CBC 2019	, IBC 2018	ICC-ES AC156 (	2018)/   0/202 2.5	0.0	3.20	2.40	1.67	0.67
Test Mounting De	tails:	CTLIFORM			64			
UN	IIT TO CURB		A A A A A	THY	64			
ATTAC	HMENT DETAIL	RAU	Criter St	COD'				
	TYP. UNIT	VI.	R L G					
	#10 TEK SCREW (FACTORY INSTALLED)	A	NOT THE	-				
	UNIT BASE RAIL			-				
	TUBE STEEL SUPPORT						Per	3-1
	#12 TEK SCREW (FIELD INSTALLED)							51
	MICROHOLD							1
	STIFFENER FILTER CURB		TA				-9-	
	FILTER CURB					L	-	
Three brac	kets on each lon	g side				-		
Four (4) #1	L2 screws used ir	i each			-		-9-	
bracket.				A COMPANY OF THE OWNER OWNER OF THE OWNER				

MicroMetl rigid filter curb, 40"tall (PN:W537-FLT-12-SA-CBC) mounted to the table with twelve (12) 1/2" Grade 8 bolts with washers. Unit mounted to curb with twenty-four (24) #12x1-1/2" screws.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	orporation								5~
Model Line:	40QQ							U	UT 6	Da
Model Number:	40QQ-060	ABA6A0A0			Serial Ni	umber:	1320C86	727		
	ction Summary:									
Formed carbon s	teel constructior	ז.								
	Ponent Summar	r <b>y:</b> \00), DX PMV Kit (PN:	DBW-VU06.		Controll	ar (DNI) T(		SIII) Bra	nch Sala	tor (DN
RBM-Y0383FUL)	. CRHEATERSSTA	(00), DX PMV KIL(PN)	KDM-A090.	IGUL), DA	Controlle	er (FN. TC	D-IFDAI-(	JUL), Ыа	nen selet	.101 (FN
		F	ORCO	DDE C	21					
		NED			MS,					
			UUT Pro	perties		7				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	<b>Width</b>	OSHei	ght 25	Front	t-Back	Side	Side	Ver	tical
425	46.6	74.4	41	.4	4.	.54	6.	31	8.	04
		UUT Highest Passed Seismic Run			Informa	tion				
Buildi	ng Code	Test Crite	ria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (
CBC 2019	9, IBC 2018	ICC-ES AC156	(2018)/1	3/2.02	1.0	1.5	3.20	2.40	1.67	0.67
	•		1	2.5	0.0					
Test Mounting D		- F				5				
	#12 TEK SCREW MICROHOLD TO FACTORY INSTA	V TO SECURE O CURB ALLED			1	i.				
	UNIT BASE RAIL (16 GA. MIN. PER MANUFACTI	URE SPECS TO SECURE UNIT		300						in l
	#12 TEK SCREW	TO SECURE UNIT	ABIII	ANG				1.00		m
	Field INSTALLED			2	1			The last		
	-14 GA MICROHOU (SEE PG. 3 FOR I 10 GA SUPPORT	DETAILS)							146	5
	2° DEFLECTION I	ISOLATOR		8					BR	
	SHELL									talbiu:
	BULB SEAL									
-	WOOD NAILER (INSTALL BETWE TEK SCREWS, T	EEN STIFFENERS W/			and the second s	-			EMIS	
	14 GA STIFFENE			-1	2					
				2 - 12					9	
	14 GA BASE CUR	RB		and the second s						
	14 GA BASE CU	RB								

MicroMetl isolator curb 34" tall (PN:CRBV-SRT12GA-2412-P20) mounted to the table with twelve (12) 1/2" Grade 8 bolts with washers. Unit mounted to curb with twenty-four (24) #12x1-1/2" screws.

### 2000830-CR-001-R1



Manufacturer:	Carrier Corp	oration						<b>.</b>
Model Line:	40QQ						UT 6	מכ
Model Number:	40QQ-060AE	3A6A0A0		Serial Number:	1320C86	727		
Product Construc	tion Summary:							
Formed carbon st	eel construction.							
Options/Subcom	ponent Summary:							
DX-PMV Kit (PN: F	BM-A0121GUL)L, E	Branch Selector (I	PN: RBM-Y0383FUL)					
			FORCODEC					
		63		MA				
		NE						
		~~~	UUT Properties	T.				
Weight		Dimension (in)			est Natural	-	T	
(lb)	Depth	<b>Width</b>	OS Height 25	Front-Back		-Side		tical
425	46.6	74.4	41.4	4.54	6.	.31	8.	04
			st Passed Seismic Run			r	1	
Buildir	g Code	Test Crit	eria S <sub>DS</sub> (g)	z/h I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (
CBC 2019	, IBC 2018	ICC-ES AC15	6 (2018) / 1 8 / <del>2 0</del> 2	1.0 1.5	3.20	2.40	1.67	0.67
			2.5	0.0				
Test Mounting De	tails:	N.		6				
	#12 TEK SCREW TO SECURE MICROHOLD TO CURB FACTORY INSTALLED	CRLIFORN						
	UNIT BASE RAIL (16 GA. MIN. PER MANUFACTURE SPECS	RA					e	to
			ABADING				THE	-
	MICROHOLD TO UNIT FIELD INSTALLED		ALL DI		· · · · · · · · · · · · · · · · · · ·		H	
	14 GA MICROHOLD (SEE PG. 3 FOR DETAILS)							
	-10 GA SUPPORT RAIL -2" DEFLECTION ISOLATOR					25945.4697		1
	CALDYN COA TYPE					2 Martin	Bin	-
11	SHELL		And					
	- BULB SEAL		001	IN NY DO N		T		15
	(INSTALL BETWEEN STIFFEN TEK SCREWS, TYPE. 12" o.c.	NERS W/		Lesio		1		
-	14 GA STIFFENER					1.001		-
	14 GA BASE CURB						and the second division of the second divisio	
	-	roo (2)					. 9	
	s on all sides. The	ree (3)		1		1.,	. 9	1

MicroMetl isolator curb 34" tall (PN:CRBV-SRT12GA-2412-P20) mounted to the table with twelve (12) 1/2" Grade 8 bolts with washers. Unit mounted to curb with twenty-four (24) #12x1-1/2" screws.

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								· C
Model Line:	MMD							U	UT 6	6
Model Number	: MMD-AP0	120VVHG2UL			Serial Nu	mber:	003R395	5		
Product Consti	ruction Summary:									
Carbon steel										
Options/Subco	mponent Summar	y:								
		-								
			0.0	2.5.						
		25	ORCO	JDEC	01.					
		NED			MA					
	-		UUT Pro	operties		Z				
Weight		Dimension (in)				Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	<b>Width</b>	OSHei	ight 25	Front	-Back	Side	-Side	Ver	tical
124.5	22.3	17.7					22	2.3	>3	3.3
Model Number:       MMD-AP0120VVHG2UL       Serial Number:       O         Product Construction Summary:       Carbon steel       O         Options/Subcomponent Summary:       Image: Construction Summary:       Image: Construction Summary:       Image: Construction Summary:         UUT Properties       Image: Construction Summary:       Image: Construction Summary:       Image: Construction Summary:         UUT Properties       Image: Construction Summary:       Image: Construction Summary:       Image: Construction Summary:         UUT Properties       Image: Construction Summary:       Image: Construction Summary:       Image: Construction Summary:         Veight       Image: Construction Summary:       Image: Construction Summary:       Image: Construction Summary:         VUT Properties       Image: Construction Summary:       Image: Construction Summary:       Image: Construction Summary:         Veight       Image: Construction Summary:       Image: Construction Summary:       Image: Construction Summary:         Veight       Image: Construction Summary:       Image: Construction Summary:       Image: Construction Summary:         Veight       Image: Construction Summary:       Image: Construction Summary:       Image: Construction Summary:         Veight       Image: Construction Summary:       Image: Construction Summary:       Image: Construle Summary:										
Build	ding Code	<b>Test Crite</b>	eria			P	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019,	ICC-ES AC156	(2018)/1			1.5	3.20	2.40	1.67	0.67
Test Mountina	Details	C		2.5	0.0	2				
l cot in cuinting		REAL				2/				
					DY	-				
			AD	DING	CO	Constant States of States		1. 1. M.		
			PUIL	UIA	N and	F	100	-		
		EE CALLER		ilun .						
			_ 1	-				A		
			IR	E		ii/r		- Internet		
				E	100	1.5				
				ZE-			Charles	1		
	8			EN	N	- LAND				
				E						
	the second second			E I			Sec.			
						10 × 19 93	Caroly 1 and 2	and a constraint of the		

UUT base mounted - rigid with 2" x 2" (both vertical and horizontal legs) by 1/4" thick carbon steel angles with six (6) 3/8" grade 8 bolt and 1" x 1" carbon steel washer. Two angles each used on rear and sides only. Front side does not have mounting angles. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation							UT 6	57
Model Line: Model Number:	MMD	600VHG2UL			Serial Nu	harı	0110405			
	cuction Summary:				Serialiva	Imper:	011R495	9		
Carbon steel	uction Summary.									
Options/Subcor	mponent Summar	y:								
		-	ORCO	DDEC						
		EDT	ORCO		MS					
		L.N.	~~+	operties		-				
Weight	1	Dimension (in)	007710	)percies		Lowes	t Natural	Frequen	cv (Hz)	
(lb)	Depth	Width	OSHei	ight 25	Front	-Back		-Side	1	tical
227	31.3	24.2	1	7.9	8	.9	19	9.7		2.6
		UUT Highest	Passed Se	ismic Run	Informa	tion		-		
Build	ling Code	<b>Test Crite</b>	ria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC	2019,	ICC-ES AC156	(2018)/1	B/202	1.0	1.5	3.20	2.40	1.67	0.67
Test Mounting I	Datails			2.5	0.0	12/	/			
Test Mounting I	Detuns:	P				201				
		A IFORNI			- CE			All and a second se		
		TNI	A DI	DING	CO	Repairies and				
			BUIL	Ulia	- Alines	16	-	1		
	Kitles .			Le s			TT - S			
				-				1 Acres		
	È .			E -		11/				
				E		125				
				NE.			S/			
				E	N-			1		
		17		E	THE PARTY		Section 2			
		34				14 L 14	125			
		2								

UUT base mounted - rigid with 2" x 2" (both vertical and horizontal legs) by 1/4" thick carbon steel angles with six (6) 3/8" grade 8 bolt and 1" x 1" carbon steel washer. Two angles each used on rear and sides only. Front side does not have mounting angles. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								°0
Model Line:	MAHB							U	UT 6	8
Model Number:	40MAHBQ	12XA1			Serial Nu	mber:	4920V14	41		
Product Construe	ction Summary:									
Carbon steel inte	rnal frame; plast	ic outer cover								
Outine /Culture										
Options/Subcom	ponent Summar	y:								
			ORC	ODEC						
		0	ORC		ON.					
		NED			R <sup>2</sup>					
			UUT P	roperties		Z				
Weight		Dimension (in)	000	.0105			t Natural			
(lb)	Depth	<b>Width</b>	-	eight 25	Front			-Side		tical
24	8.9	31.3		11.6	n/		n,	/a	n	/a
Duildin	ng Code	UUT Highes		<del>y v i ii</del> i			<b>A</b> (=)	A (~)	A (-)	A (-)
Buildin	ig code			S <sub>DS</sub> (g)	<b>z/h</b> 1.0	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2	2019,	ICC-ES AC156	(2018)	B/202 2.5	0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De	etails:	19		4		2				
-		CALRORN				2				
		00			OF	1				
		N. A. S.	AD	. Jan G	RTD/	ASSET N	Hart State	ALC: NO		
- BARBA		N. C. C. C. C.	BU	LDIEC	0.0	-:				·
		and the second		G	WT G8.			J. 0		
	RU		8		2 100 00			11.0 · ) [		
	58	1		100-1	10. 1013	Criship.	Etaes			
	-	×					CINA AND			
	The Real Provide State		/	RECOMMEND					•	
a she and a	No. Contractor of the owner of the				2.1				1	
					20			n	0 7 1	8
					(And a lot					
		(4) #8 wood screws								
	-	ty and remained fur		er manufact	urer requ	irement	after shak	ke table te	est.	
Lontents were in	cluded in testing	per operating cond	itions.							

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation							<u> </u>
Model Line:	RBM						U	UT 6	9
Model Number:	40MAHBQ	36XA3		Serial Num	ber:	4920V14	442		
<b>Product Construc</b> Carbon steel inter	-	ic outer cover							
Options/Subcomp	oonent Summar	<i>y</i> :							
		NED	FOR CODE C	OMP					
		- W	UUT Properties		2				
Weight		<b>Dimension (in)</b>			Lowest	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OS Height 25	Front-B	ack	Side	-Side	Ver	tical
47.5	10.8	44.9	14.6	n/a		n	/a	n	/a
		UUT Highes	t Passed Seismic Run	Informatio	on				
Buildin	g Code	Test Crite	eria S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	А <sub>ғіх-н</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (§
CBC 20	019,	ICC-ES AC156	(2018)/13/2.02	1.0 0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De	tans:	RORN	A BUIL 69THG						
						0			

Unit wall mounted-rigid with five (5) #8 wood screws. See mounting plate in photo above for mounting screw locations. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation								
Model Line:	MMK	porution						U	UT 7	<b>'</b> 0
Model Number:	MMK-AP00	)77HPUL			Serial Nu	umber:	n/a			
Product Construe							1 -			
Carbon steel inte	-	ic outer cover								
Options/Subcom	ponent Summar	y:								
		-0	FORC	ODEC	OMD					
		ENER		operties						
Weight		Dimension (in		operties		Lowes	t Natural	Frequen	cv (Hz)	
(lb)	Depth	Width		ight 25	Front	-Back	1	-Side	T	tical
24	9.1	31.5	-	1.6	n,	/a	n,	/a	n	/a
		UUT Highes	st Passed S	eismic Run	Informa	tion				
Buildir	ng Code	O Test Crit	eria	S <sub>DS</sub> (g)	z/h	<sub>P</sub> ○	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2	.019,	ICC-ES AC15	6 (2018) / 1	3/2.02	1.0 0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De	etails:	2			0.0	2				
					13 M 1	V				
		- Op			- 00×					
		Ly .	TAL BUT	F7011343	Uzc +					
			70 Retes	+	LC					
	70		"IZ						-	
Carrier			11							
								C.S		
			and the second					$\supset$	$\leq$	
						>		X		
							X			
•						111				
Unit wall mounte	d-rigid with five	(5) #8 wood screws	. Two (2) #8	zip screws	add to th	he plastic	housing	on top ar	d bottom	n to
		mic installations. L			-					
	-	ty and remained fu		r manufact	urer requ	uirement	after shak	ke table t	est.	
contents were in	cluded in testing	per operating cond	uitions.							

### 2000830-CR-001-R1



	Carrier Cor	poration							71
Model Line:	MMK						U	UT 7	L.
Model Number:	MMK-AP024	47HPUL		Serial Nu	mber:	n/a			
Product Construc	-								
Carbon steel inte	rnal frame; plastic	: outer cover							
Options/Subcom	ponent Summary	<b>'</b> :							
		FO	RCODEC	01					
		NED		MD,					
			UUT Properties						
Weight		Dimension (in)			Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	<b>SHeight</b> 25	Front	Back		-Side		tical
33	9.9	41.4	12.6	n/	'a	n	/a	n	/a
		UUT Highest Po	issed Seismic Run	Informat	tion				
Buildir	ng Code	Test Criteria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 2	019.	ICC-ES AC156 (20	18/13/202	1.0	1.5	3.20	2.40	1.67	0.67
			2.5	0.0					
Test Mounting De	tails:	Z			5				
	9 24			1 WK	Y MUB		La fatter (	-	7
		A CAN		600		非個性		1 231	L
	TRU WT-7	0 2402BS	BUILDING	Y M	here in 1	- 14 11	THE MARKEN		
	70		EHILL		K		~		
				12-	-	~		17	~
			and the second se	-	-	1	-		L
				-	-		1	X	
	TTUE 71	UUT-71 23485					~		
	Trail 71	UUT-71 23485							
	71	UUT-71 23485							
	TT	UUT-71 23285							
		UUT-71 23485							
		UUT-71 23285							
	TI	UUT-71 23485							
		UUT-71 23.685							

secure the unit to the wall for seismic installations. Locations shown in images above. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.

#### 2000830-CR-001-R1



Manufacturer:	Carrier Cor	poration								<b>7</b>	
Model Line:	VMW									Z	
Model Number:	40VMW030-	3			Serial Nı	umber:	n/a				
<b>Product Construc</b> Carbon steel inter	-	c outer cover									
Options/Subcom	ponent Summary		FORC	ODEC							
		ENED		operties	OMPL						
Weight		Dimension (in)		operties		Lowes	t Natural	Frequen	cv (Hz)		
(lb)	Depth	Width		ight 25	Front	-Back		-Side		Vertical	
38	10	47		3.5	7/7	/a		/a	n/a		
•		UUT Highes	t Passed S	eismic Run	Informa	tion					
Buildin	ig Code	Test Crite	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)	
CBC 2	ICC-ES AC150	6 (2018) / 1	3/ <u>2.0</u> 2 2.5	1.0 0.0	1.5	3.20	2.40	1.67	0.67		
Test Mounting De	Paralles:	T. C.R.N.	A BUI					of ur	screws of nit, left so shown in ge.	crew	
Unit maintained s	structural integrity	5) #8 wood screws. y and remained fu per operating conc	nctional pe					ke table to	est.		

### 2000830-CR-001-R1



Manufacturer:	Carrier Cor	poration								12
Model Line:	VMA							U	UT 7	5
Model Number:	38VMA144F	IDS			Serial Nu	ımber:	n/a			
Product Construc	ction Summary:									
Carbon steel										
Options/Subcom	ponent Summary	•								
			ORC	ODF						
		EDE		ODEC	Mo					
		C.N.L		operties						
Weight		Dimension (in)	001 PI	opercies		Lowes	t Natural	Frequen	cy (Hz)	
(lb)	Depth	Width	OSHe	ight 25	Front	-Back	T	-Side	1	tical
781.5	31.1	53.8		4.3		84		.64		20
		UUT Highest			777		1			-
Buildir	ng Code	Test Crite	IIII C LI	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)
CBC 2	019	ICC-ES AC156	(2018)/1	3/2.00	1.0	1.5	3.20	2.40	1.67	0.67
	.013,		750101	2.5	0.0	1.5	5.20	2.10	1.01	0.01
Test Mounting De		NAS -		87						
		PA	ABIT		CON	-2				
			UUT-73 73 78/5 LBS	E	22	34	A	ñ		
		-	73 7815 LBS							
			T							
								1		
							Carles 1			
		$\rightarrow$					EL			
	2						4			
	E	and a start of the		- P						
					1			-		
IIIIT baco mount	ad rigid with four	(4) 1/2" Grade 5 bol	lte with we	shor						
	-	y and remained fun			urer reau	uirement	after shak	ke table t	est.	
		per operating condi			1.					

#### 2000830-CR-001-R1



Manufacturer:	Carrier Co	rporation							UT 7	7.0
Model Line:	PEBH									
Model Number:		12CA-D2DH-4AY			Serial Ni	ımber:	N/A			
Product Construc	-									
Carbon steel cons	truction.									
Options/Subcomp	onont Summa									
Sptions/Subcomp	onent Summu	y:								
			ORC	ODF						
		0	FOR	ODEC	ON					
		NE								
T		~~~~		roperties		Z1				
Weight		Dimension (in)	000	.0105			t Natural			
(lb)	Depth	<b>Width</b>		eight 25		-Back	Side-Side			tical
117.5	20.63	24.25		0.44		36	1.	35	8.	84
Duildin	a Cada	UUT Highes		<del>y v i ii</del> i			<b>1</b> (-)	<b>a</b> (-)	<b>a</b> (-)	
Buildin	g Code	Test Crit	eria	S <sub>DS</sub> (g)	<b>z/h</b>	I <sub>P</sub>	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (§
CBC 20	019,	ICC-ES AC156	6 (2018) / 1	3/2.02	0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De	tails:	101		1	0.0	2				
j					hart	2/	-	A STATE	0	11
		100			64			. 1	~	
			1A DE	- NG	ĊŶ		14/11/2	.(		-
			BA	FOR			1		-	19
	1007=74 TRU 74			19	· Annone	10.00	. 1		1 -	-
	- 74 - 12					ESP.				
OF			CAUTION -		商品		and and			
		H	ARDWARE	·* 3	1 ele		A State	1.		
			INSIDE		13			1		° *
in the second second	*				-			·		1
CAR				2						-
			e .	~		-	1.			

Two (2) MicroMetl legs (PN: MP-1908-049) each attached to the front of the unit with two (2) #12 self tappers. Each leg was attached to the shake table with two (2) 1/4" Grade 8 bolts with washers. Test unit attached to sheet metal on the wall fixture with twelve (12) #12 self tappers, three (3) on each side of the unit.

#### 2000830-CR-001-R1



Manufacturer: Model Line:	Carrier Co PEBH	rporation						U	UT 7	′5
Model Number:		12CA-D2DH-4AY			Serial Ni	ımher·	n/a			
Product Construe					Schuth		Π/u			
Formed carbon s		۱.								
Options/Subcom	nonent Summar									
Sprions/Subcom	ponent Summu	у.								
			ORCO	DEC						
		ED	ORCO		MS.					
		E.N.	UUT Pro			2				
Weight		Dimension (in)		period		Lowes	st Natural	Frequen	cy (Hz)	
(lb)	Depth	Width OS Height 25		Front	nt-Back Side		e-Side Vert		tical	
117.5	20.63	24.25	20.	44	8.76		17.14		24	.33
		UUT Highes	t Passed Sei	ismic Run	Informa	tion				
Buildir	ng Code	<b>Test Crite</b>	eria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g
CBC 2	019,	ICC-ES AC156	(2018)/1	B/202 2.5	1.0 0.0	1.5	3.20	2.40	1.67	0.67
Test Mounting De	etails:	- FA				6	÷			1.12
	THE				4					10
		2		A DAY AND A DAY	c00*				1	-
	RA		ABUI	DING	0		4	-1		The second
				ET S						
	7-75			- Jan					6	1
-			P	100			and the second	1.		
		1978 G W					WA-			
12 .								=		-
								E al		
	55									

Two (2) MicroMetl legs (PN: MP-1908-049) each attached to the front of the unit with two (2) #12 self tappers. Each leg was attached to the shake table with two (2) 1/4" Grade 8 bolts with washers. Test unit attached to sheet metal on the wall fixture with twelve (12) #12 self tappers, three (3) on each side of the unit.

### 2000830-CR-001-R1

Manufacturer: **Carrier Corporation** Model Line:

48FC

Model Number: 48FCTN07M3R6A3A5F0

Serial Number: 4920C85926

Product Construction Summary:

Formed carbon steel construction.

#### **Options/Subcomponent Summary:**

Micrometl Economizer & Power Exhaust (PECD-SRT12CA-D2DH-4L1), Scroll Compressor (ZPS60K5E-TFD-130), Gas Heat(48TC002699), Condenser Coils (Custom-Cu/Cu), Evaporator Coil (Custom-Cu/Cu), Humidifier Coil (Custom-Cu/Cu), Solenoid Valve (EF23VS130, EF23VS183), TEV (BBIZE-6-GA-B5), Controls (48TCFSRBDZ-A00), Condenser Fan (48TC003644), Condenser Fan Motor (5KCP39HGWG04s), Evaporator Fan (48TC001693), Evaporator Fan Motor (M3G112-EA90-G5), SA Smoke Detector (HK50ZT001), Louvered Hail Guard (CRLVHLGD049A00)

			UUT Pro	operties		Z						
Weight		<b>Dimension</b> (in	)		Lowest Natural Frequency (Hz)							
(lb)	Depth	<b>Width</b>	OSRei	ight 25	Front	-Back	Side	Side	Ver	tical		
569	46.6	74.4	74.4 41			15	4.95		>33.3			
		UUT Highe	st Passed Se	eismic Run	Informa	tion						
Buildi	ng Code	Test Crit	teria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)		
CPC	CBC 2019,		ICC-ES AC156 (2018)/1		1.0	1.5	3.20	2.40		0.67		
					0.0	1.5	5.20	2.40	1.67	0.67		

#### **Test Mounting Details:**





Two brackets on all sides. Three (3) #12 screws in each bracket

MicroMetl isolator curb 34" tall (PN:CRBV-SRT12GA-2412-P20) mounted to the table with twelve (12) 1/2" Grade 8 bolts with washers. Unit mounted to curb with twenty-four (24) #12x1-1/2" screws. Weight does not include power exhaust. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.



**UUT 76** 

### 2000830-CR-001-R1

Manufacturer: **Carrier Corporation** Model Line:

48GC

Model Number: 48GCLN06M3R6A2A0D0 Serial Number: 4920C85974

Product Construction Summary:

Formed carbon steel construction.

#### **Options/Subcomponent Summary:**

Micrometl Economizer & Power Exhaust (PEBD-SRT12CA-D0DB-4AY-4), Scroll Compressor (ZPS49K5E-TFD-130), Gas Heat(48TC003555), Condenser Coils (Custom-Cu/Cu), Evaporator Coil (Custom-Cu/Cu), Solenoid Valve (EF23VS186, EF23VS183), TEV (Danfoss-068L1263), Reamer Valve (99CC405124), Controls (48TCFSRADR-A00), Condenser Fan (48TC003644), Condenser Fan Motor (5KCP39LGWF92S), Evaporator Fan (48TC001693), Evaporator Fan Motor (M3G084-GF01-V9), SA Smoke Detector (HK50ZT001), Louvered Hail Guard (CRLVHLGD049A00)

		Le la	UUT Pro	operties		Z					
Weight		Dimension (in	I)		Lowest Natural Frequency (Hz)						
(lb)	Depth	<b>Width</b>	OSHei	ght 25	Front	-Back	Side	-Side	Vertical		
754	46.6	74.4	41	.4	3.07		4.50		6.17		
		UUT Highe	st Passed Se	ismic Run	Informa	tion					
Buildi	ng Code	Test Crit	teria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)	
CRC	CBC 2019,		ICC-ES AC156 (2018)/1		1.0	1 5	3.20	2.40	1.67	0.67	
					0.0	1.5	5.20	2.40		0.67	

CORNIA BUILDING

### **Test Mounting Details:**



#12 screws in each bracket



MicroMetl isolator curb 34" tall (PN:CRBV-SRT12GA-2412-P20) mounted to the table with twelve (12) 1/2" Grade 8 bolts with washers. Unit mounted to curb with twenty-four (24) #12x1-1/2" screws. Weight does not include power exhaust. Unit maintained structural integrity and remained functional per manufacturer requirement after shake table test. Contents were included in testing per operating conditions.





### 2000830-CR-001-R1

Manufacturer: **Carrier Corporation** Model Line:

48GC

Model Number: 48GCL04ALF5A0A0F0

Serial Number: 4920C85843

#### Product Construction Summary:

Formed carbon steel construction.

#### **Options/Subcomponent Summary:**

Micrometl Economizer & Power Exhaust (PEBD-SRT12CA-D2DH-2AY), Scroll Compressor (ZPS49K5E-TFD-130), Gas Heat(48TC003555), Condenser Coils (Custom-Cu/Cu), Evaporator Coil (Custom-Cu/Cu), Solenoid Valve (EF23VS186, EF23VS183), TEV (Danfoss-068L1263), Reamer Valve (99CC405124), Controls (48TCFSRBDH-A00), Condenser Fan (48TC003644), Condenser Fan Motor (5KCP39LGWF92S), Evaporator Fan (48TC001693), Evaporator Fan Motor (M3G084-GF01-V9), SA Smoke Detector (HK50ZT001), Louvered Hail Guard (CRLVHLGD049A00)

		4	UUT Pr	operties		Z						
Weight		<b>Dimension</b> (in	)		Lowest Natural Frequency (Hz)							
(lb)	Depth	<b>Width</b>	OSFIe	right 25	Front	-Back	Side	-Side	Vertical			
624	46.6	74.4	33.4		>3	3.3	9.08		9.42			
		UUT Highe	st Passed S	eismic Run	Informa	tion						
Buildi	ng Code	Test Crit	teria	S <sub>DS</sub> (g)	z/h	I <sub>P</sub> O	A <sub>FLX-H</sub> (g)	A <sub>RIG-H</sub> (g)	A <sub>FLX-V</sub> (g)	A <sub>RIG-V</sub> (g)		
CBC 2019,			c/2010/1	3/200	1.0	1.5	1.5 3.20	2.40	1.07	0.67		
	2019,	ICC-ES AC156 (2018)		2.5	0.0	1.5	5.20	2.40	1.67			

#### **Test Mounting Details:**



Two brackets on long side of the unit. Four (4) #12 screws in each bracket



MicroMetl rigid curb 24" tall (PN:CRBW-SRT12GA-2411) mounted to the table with twelve (12) 1/2" Grade 8 bolts with washers. Unit mounted to curb with sixteen (16) #12x1-1/2" screws.

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



**UUT 78**