

160 SW 12TH AVE SUITE 106, DEERFIELD BEACH, FL 33442 (954) 354-0660 | ENGINEERINGEXPRESS.COM

Technical Evaluation Report

DIVISION: 23 08 00-COMMISSIONING OF HVAC

THIS DOCUMENT CONTAINS (5) PAGES: THE FIRST PAGE MUST BEAR AN ORIGINAL SIGNATURE & SEAL OF THE CERTIFYING PE TO BE VALID FOR USE

(Issued July 8th, 2016 Subject to Renew July 7th, 2017)

EVALUATION SUBJECT: CARRIER SPLIT UNITS

TER-16-3190.1

REPORT HOLDER: CARRIER ENTERPRISE OF FLORIDA 2000 PARKS OAKS AVE ORLANDO, FL 33428 USA

(954) 247-2003 | FL.CARRIERENTERPRISE.COM

SCOPE OF EVALUATION (compliance with the following codes):

THIS IS A STRUCTURAL (WIND) PERFORMANCE EVALUATION ONLY. NO ELECTRICAL OR TEMPERATURE PERFORMANCE RATINGS OR CERTIFICATIONS ARE OFFERED OR IMPLIED HEREIN.

This Product Evaluation Report is being issued in accordance with the requirements of the Florida Building Code Fifth Edition (2014) per FBC Section 104.11, FMC 301.15, FBC Building Ch. 16, ASCE-7-10, FBC Existing Building sections 701.1, 706.6.1, FBC Building 1522.2, and FBC Residential M1202.1, M1301.1, FS 471.025, including Broward County Administrative Provisions 107.3.4. The product noted on this report has been tested and/or evaluated as summarized herein.

IN ACCORDANCE WITH THESE CODES EACH OF THESE REPORTS MUST BEAR THE ORIGINAL SIGNATURE & RAISED SEAL OF THE EVALUATING ENGINEER.

SUBSTANTIATING DATA:

Product Evaluation Documents

Substantiating documentation has been submitted to support this TER and is summarized in the sections that follow.

Structural Engineering Calculations

Structural engineering calculations have been prepared which evaluate the product based on comparative and/or rational analysis to qualify the following design criteria:

- Maximum allowable unit panel wind pressure connection integrity
- Maximum allowable uplift, sliding, & overturning moment for ground and roof applications

Calculation summary for this TER is provided in the forces summary table. No 33% increase in allowable stress has been used in the design of this product. Microsoft Excel was used to carry out the calculations present in this report.

INSTALLATION:

The product(s) listed in this report shall be installed in strict compliance with this TER & manufacturer-provided model specifications.

The product components shall be of the material specified in the manufacturer-provided product specifications. All screws must be installed in accordance with the applicable provisions & anchor manufacturer's published installation instructions.

LIMITATIONS & CONDITIONS OF USE:

Use of this product shall be in strict accordance with this TER as noted herein. See final page for complete limitations and conditions of use.

OPTIONS:

This evaluation is valid for all CARRIER models present in the table located on the final page.

FINISH:

Baked enamel.



NOTE: GRAPHICAL DEPICTIONS IN THIS REPORT ARE FOR ILLUSTRATIVE PURPOSES ONLY. ACTUAL UNITS MAY DIFFER SLIGHTLY IN APPEARANCE.

UNIT CASING MATERIAL:

0.86mm galvanized sheet steel ASTM A653 EDDS cold rolled steel for removable top panel. 1.14mm galvanized sheet steel ASTM A653 EDDS cold rolled steel for base pan. Side protector steel grille ASTM A510 Ø2.03mm vertical wire and Ø2.68mm horizontal wire, secured with #10-16 sheet metal screws into top and base pan.

INSTALLATION:

Shall follow manufacturer specifications as well as the information provided herein.

STRUCTURAL PERFORMANCE:

Models referenced herein are subject to the following design limitations: ASCE7-10 Exposure Category C, Risk II

Up to and including 175mph (Vult) for up to 200' MRH**. HVHZ***
Up to and including 170mph (Vult) for up to 250' MRH**. HVHZ***

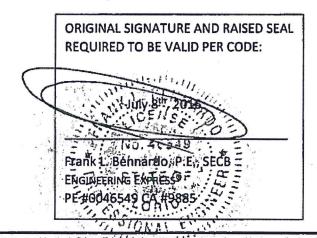
Up to and including 200mph (Vult) for up to 200' MRH**. Non-HVHZ*** Ground or Roof Application per installation instructions

Mean Roof Height *High Velocity Hurricane Zone

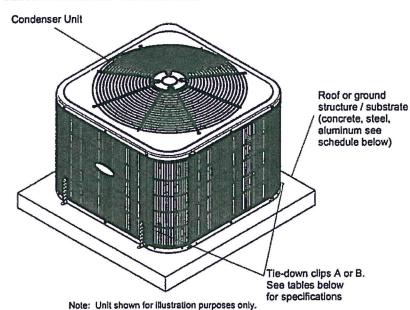
Maximum Rated Wind Pressure:

193psf Lateral, 93psf Uplift (less Dead Load)

Site specific wind analysis may produce alternate limitations provided maximum rated wind pressure is not exceeded.



SECTION 2 PRODUCT INSTALLATION



TIE-DOWN STRAP & CLIP SCHEDULE

| Cabinet | Ground or Roof Height* | Tie-down Strap | Strap | Tie-down Clips per Unit (A) | Tie-down Clips per Unit (B) |
|---------|---------------------------|-------------------|----------|-----------------------------------|-----------------------------------|
| | Ground | NA | NA | 8 | 4 |
| Table 1 | Up to 60' (80') | 2 | Required | 8 | 4 |
| | Up to 120' (150') | 2 | Required | 8 | 4 |
| | Up to 200' (250') | 2 | Required | 8 | 4 |
| | Ground | NA | NA | 8 | 4 |
| | Up to 60' (80') | 2 | Required | 8 | 4 |
| Table 2 | Up to 120' (150') | 2 | Required | 8 | 4 |
| | Up to 200' (250') | 2 | Required | 8 | 4 |

^{*}The value shown in parentheses indicates the allowable roof height in 170mph conditions, i.e. 60' (80') indicates an allowable roof height of 60' for 175mph or 80' for 170mph Vult.

Note

Straps shall be wrapped as shown in details on section 4. The straps shall be tightened to a snug fit around the unit. Straps shall be 1* width and 22ga galvanized metal. For Non-HVHZ, use (2) metal straps, up to 200' MRH. Values shown in table are minimum specified. Using stronger straps per each height is allowed at installer's discretion.

ANCHOR TO HOST STRUCTURE SCHEDULE

| | | Anchor Type | | | | | |
|----------------------------|---------------------------|-----------------------|-----------------------|---------------------------------|--|--|--|
| Unit Modei [†] | Ground or Roof Height* | Concrete 3,000 Psi | 1/8" Min A36 Steel | 1/8" Min 6061-T6 Aluminum | | | |
| | Ground | A | NA | NA | | | |
| 10 5 105 | Up to 60' (80') | NA | В | В | | | |
| Table 1 | Up to 120' (150') | NA | В | В | | | |
| | Up to 200' (250') | NA | В | В | | | |
| | Ground | Α | NA | NA | | | |
| Table 2 | Up to 60' (80') | NA | В | В | | | |
| | Up to 120' (150') | NA | В | В | | | |
| | Up to 200' (250') | NA | В | В | | | |



Note: Installers must ensure that screws used to fasten the tie-down clips with the unit base pan do not touch the coil in order to prevent any damage to the coil.

TIE-DOWN CLIP (A) (GROUND AND ROOF APPLICATION)

Miami Tech CUTD 1" wide ASTM A653 galvanized steel 0,07" thick of varying length (FL19731.2) or equivalent for all cabinets tied down to a roof structure or ground structure; fasten clip to structure using anchor from Anchor Schedule to Host Structure Table and (2) #10 SS 410 self-drilling screw to fasten clip to unit base pan. Install in unit with quantities shown in Tie-down Strap & Clip Schedule. Locate clips at 3" min away from the appropriate corner using four clips per side (two at each corner) and four clips opposite side in the same configuration. Miami Tech kit # CBCUTD4KG for ground & kit # CBCUTD4KR for roof application.

Tie-down Strap & Clip: (for roof applications)

- Minimum edge distance 3" from the unit corners.
- Use a minimum of tie-down straps per side equally spaced.
- Clip height shall be adequate to fit SMS within base pan height. Verify height on site.
- Place an adjacent (1) #10 SMS to avoid the straps slip off.

Anchor Types to Host Structure:

A. – 1/4" ELCO ULTRACON SS4 Anchor embedded 1 3/4" in 3,000 psi concrete. 2 1/2" from edge minimum. NOA No. 13-1205.05

B. - 1/4" -20 UNC SAE Grade 5 screw min. 1/2" from edges with nut and washer OD 1"

NA. - No anchors apply.

IN ALL CONDITIONS IT IS THE RESPONSIBILITY OF THE PERMIT HOLDER TO ENSURE THE HOST STRUCTURE IS CAPABLE OF WITHSTANDING THE RATED GRAVITY, LATERAL, AND UPLIFT FORCES BY SITE-SPECIFIC DESIGN. NO WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS OFFERED BY ENGINEERING EXPRESS AS TO THE INTEGRITY OF THE HOST STRUCTURE TO CARRY DESIGN FORCE LOADS INCURRED BY THIS UNIT.

⁺ See tables on last page for cabinet classification.

SECTION 3 SUPPORTING CALCULATIONS & SUMMARY

FORCES SUMMARY

| Unit Model [†] | Ground or Roof Height* | Lateral Pressure (Psf) | Uplift Pressure (Psf) | Large Side Force (Ibs) | Large Side Overturn (lbs-in) | Large Side Tension (Ibs) | Short Side Force (lbs) | Short Side Overturn (lbs-in) | Short Side Tension (lbs) | Uplift Force (lbs) |
|----------------------------|---------------------------|------------------------------|-----------------------------|------------------------------|------------------------------------|-----------------------------------|---------------------------------|---------------------------------------|-----------------------------------|--------------------------|
| | Ground | 43.2 | 0 | 482.0 | 11082.0 | 315.0 | 482.0 | 11082.0 | 315.0 | 0.0 |
| Table 1 | Up to 60' (80') | 151.2 | 73.1 | 1688.0 | 49656.0 | 1519.0 | 1688.0 | 49656.0 | 1519.0 | 622.0 |
| Table 1 | Up to 120' (150') | 173.8 | 84.1 | 1940.0 | 57082.3 | 1753.0 | 1940.0 | 57082.3 | 1753.0 | 715.0 |
| | Up to 200' (250') | 193.0 | 93.4 | 2155.0 | 63393.3 | 1951.0 | 2155.0 | 63393.3 | 1951.0 | 794.0 |
| | Ground | 43.2 | 0 | 482.0 | 11082.0 | 315.0 | 482.0 | 11082.0 | 315.0 | 0.0 |
| Table 2 | Up to 60' (80') | 151.2 | 73.1 | 1688.0 | 49656.0 | 1519.0 | 1688.0 | 49656.0 | 1519.0 | 622.0 |
| Table 2 | Up to 120' (150') | 173.8 | 84.1 | 1940.0 | 57082.3 | 1753.0 | 1940.0 | 57082.3 | 1753.0 | 715.0 |
| | Up to 200' (250') | 193.0 | 93.4 | 2155.0 | 63393.3 | 1951.0 | 2155.0 | 63393.3 | 1951.0 | 794.0 |

Calculations performed according to the information provided by the client. Cabinets were assumed solid (0% porosity) for shear and tension calculation purposes.

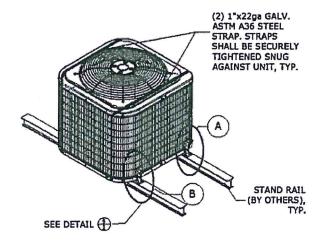
PANEL INTEGRITY SUMMARY

| Unit Model [†] | Ground or Roof Height* | Panel Name | Applied Wind Pressure (lb/ft²) | Force on Panel (lbs) | Add'I Screw Qty Needed (pcs) | Additional reinforcement required beyond original manufacturing |
|----------------------------|---------------------------|---------------|---|----------------------------|---------------------------------------|---|
| | | TOP PANEL | 0.0 | 0.0 | | |
| | Ground | CONTROL COVER | 43.2 | 50.4 | - | No |
| | | SERVICE PANEL | 43.2 | 91.4 | • | |
| | | TOP PANEL | 73.1 | 621.9 | - | |
| | Up to 60' (80') | CONTROL COVER | 151.2 | 176.5 | | No |
| Table 1 | | SERVICE PANEL | 151.2 | 319.9 | • | |
| 1 aoie 1 | | TOP PANEL | 84.1 | 715.4 | <u> </u> | |
| | Up to 120' (150') | CONTROL COVER | 173.8 | 202.9 | | No |
| | | SERVICE PANEL | 173.8 | 367.7 | • | |
| | | TOP PANEL | 93.4 | 794.5 | • | |
| ļ | Up to 200' (250') | CONTROL COVER | 193.0 | 225.3 | • | No |
| | | SERVICE PANEL | 193.0 | 408.4 | | |
| | | TOP PANEL | 0.0 | 0.0 | 1 | |
| | Ground | CONTROL COVER | 43.2 | 50.4 | | No |
| | | SERVICE PANEL | 43.2 | 91.4 | | |
| | | TOP PANEL | 73.1 | 621.9 | • | |
| | Up to 60' (80') | CONTROL COVER | 151.2 | 176.5 | + | No |
| Table 2 | | SERVICE PANEL | 151.2 | 319.9 | - | |
| Table 2 | | TOP PANEL | 84.1 | 715.4 | • | |
| | Up to 120' (150') | CONTROL COVER | 173.8 | 202.9 | + | No |
| | | SERVICE PANEL | 173.8 | 367.7 | | |
| | | TOP PANEL | 93.4 | 794.5 | | |
| | Up to 200' (250') | CONTROL COVER | 193.0 | 225.3 | - | No |
| | | SERVICE PANEL | 193.0 | 408.4 | | |

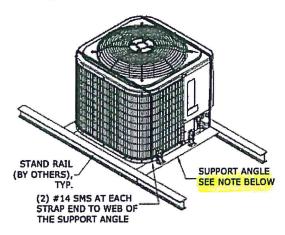
^{*}The value shown in parentheses indicates the allowable roof height in 170mph conditions. i.e. 60' (80') indicates an allowable roof height of 60' for 175mph or 80' for 170mph Vult.

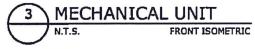
^{*}See tables on sheet 5 for cabinet classification.

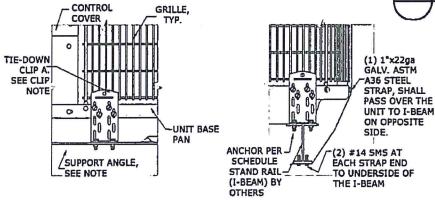
SECTION 4 DETAILS

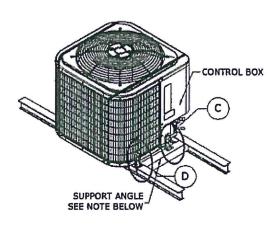


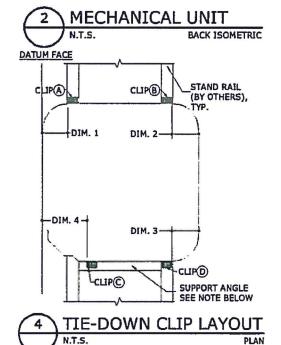






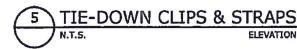






TIE-DOWN CLIP OFFSETS:

| DIM. 1 | 5.00" MAX OFFSET FROM DATUM FACE |
|--------|-------------------------------------|
| DIM. 2 | 5.00" MAX OFFSET FROM OPPOSITE FACE |
| DIM. 3 | 5.00" MAX OFFSET FROM OPPOSITE FACE |
| DIM. 4 | 10° MAX OFFSET FROM DATUM FACE |

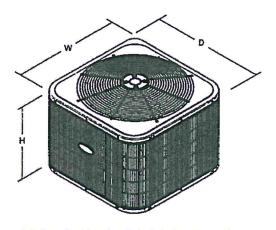


Note:

Miami Tech support angle part number CBCAB30K, CBCAB42K, under NOA #16-0601.01 or equivalent is permitted.

CABINETS & DIMENSIONS

| | | TABLE 1 | , | ··· |
|------------|---------------|---------------|----------------|-----------------|
| UNIT MODEL | WIDTH (in) | DEPTH (in) | HEIGHT (In) | WEIGHT (lbs) |
| CH14**018 | 23.13 | 23.13 | 35.25 | 136 |
| CH14**024 | 25.75 | 25.75 | 35.25 | 144 |
| CH14**030 | 31.19 | 31.19 | 31.81 | 158 |
| CH14**036 | 31.19 | 31.19 | 28.44 | 170 |
| CH14**042 | 31.19 | 31.19 | 39.13 | 201 |
| CH14**048 | 31.19 | 31.19 | 28.44 | 197 |
| CH14**060 | 31.19 | 31.19 | 31.81 | 212 |
| CA16**18 | 31.19 | 31.19 | 28.44 | 142 |
| CA16**24 | 31.19 | 31.19 | 28.44 | 142 |
| CA16**30 | 31.19 | 31.19 | 31.81 | 150 |
| CA16**36 | 35.00 | 35.00 | 28.44 | 165 |
| CA16**42 | 35.00 | 35.00 | 39.13 | 213 |
| CA16**48 | 35.00 | 35.00 | 39.13 | 264 |
| CA16**60 | 35.00 | 35.00 | 45.94 | 272 |
| CA14**18 | 23.13 | 23.13 | 24.81 | 123 |
| CA14**24 | 25.75 | 25.75 | 25.00 | 119 |
| CA14**30 | 31.19 | 31.19 | 31.81 | 151 |
| CA14**36 | 31.19 | 31.19 | 24.81 | 134 |
| CA14**42 | 31.19 | 31.19 | 39.13 | 192 |
| CA14**48 | 31.19 | 31.19 | 28.44 | 182 |
| CA14**60 | 31.19 | 31.19 | 31.81 | 197 |



Note: Image is not to scale and is for illustration purposes only. Actual units may differ slightly in appearance.

| | | TABLE 2 | | |
|------------|---------------|---------------|----------------|-----------------|
| UNIT MODEL | WIDTH (in) | DEPTH (in) | HEIGHT (in) | WEIGHT (lbs) |
| 25HB*518 | 31.19 | 31.19 | 28.94 | 169 |
| 25HB*524 | 35.00 | 35.00 | 32.31 | 200 |
| 25HB*530 | 35.00 | 35.00 | 32.31 | 196 |
| 25HB*536 | 35.00 | 35.00 | 35.75 | 215 |
| 25HB*542 | 35.00 | 35.00 | 28.94 | 245 |
| 25HB*548 | 35.00 | 35.00 | 28.94 | 260 |
| 25HB*560 | 35.00 | 35.00 | 39.13 | 294 |
| 25HC*418 | 23.13 | 23.13 | 35.25 | 136 |
| 25HC*424 | 25.75 | 25.75 | 38.50 | 144 |
| 25HC*430 | 31.19 | 31.19 | 31.81 | 158 |
| 25HC*436 | 31.19 | 31.19 | 28.44 | 170 |
| 25HC*442 | 31.19 | 31.19 | 39.13 | 201 |
| 25HC*448 | 31.19 | 31.19 | 28.44 | 197 |
| 25HC*460 | 31.19 | 31.19 | 31.81 | 212 |
| 24AB*618 | 23.13 | 23.13 | 28.69 | 125 |
| 24AB*624 | 31.19 | 31.19 | 28.31 | 147 |
| 24AB*630 | 31.19 | 31.19 | 32.31 | 153 |
| 24AB*636 | 35.00 | 35.00 | 28.31 | 165 |
| 24AB*642 | 35.00 | 35.00 | 39.13 | 213 |
| 24AB*648 | 35.00 | 35.00 | 32.31 | 264 |
| 24AB*649 | 35.00 | 35.00 | 39.13 | 231 |
| 24AB*660 | 35.00 | 35.00 | 45.94 | 272 |
| 24AB*661 | 35.00 | 35.00 | 45.94 | 272 |
| 24AC*418 | 23.13 | 23.13 | 24.81 | 123 |
| 24AC*424 | 25.75 | 25.75 | 25.00 | 119 |
| 24AC*430 | 31.19 | 31.19 | 31.81 | 151 |
| 24AC*436 | 31.19 | 31.19 | 24.81 | 134 |
| 24AC*442 | 31.19 | 31.19 | 39.13 | 192 |
| 24AC*448 | 31.19 | 31.19 | 28.44 | 182 |
| 24AC*460 | 31.19 | 31.19 | 31.81 | 197 |

LIMITATIONS & CONDITIONS OF USE:

LIMITATIONS & CONDITIONS OF USE:
Use of this product shall be in strict accordance with this TER as noted herein
The supporting host structure shall be designed to resist all superimposed loads as determined by others on a site specific basis as may be required by the Authority Having Jurisdiction. Host structure conditions which are not accounted for in this product's respective enchor schedule shall be designed on a site-specific basis by a registered professional engineer. No evaluation is offered for the host supporting structure by use of this document; Adjustment factors noted herein and the applicable codes must be considered, where applicable. All supporting components which are permanently installed shall be protected against corrosion, contamination, and other such damage at all times. Fasteners must penetrate the supporting members such that the full length of the threaded portion is embedded within the main member. All anchors, screws, straps, clips, and attachment part can be substituted for equivalent parts, as long as the capacities of the equivalent parts are equal or stronger.

This evaluation does not offer any evaluation to meet land interest and the capacity to resist the design wind leads as retained for the playing server equivalent by the Elevide Building Code Eith Edition (2014).

All of the wind resisting exterior pane's, individually meet or exceed their capacity to resist the design wind loads as stated in the calculations as required by the Florida Building Code Fifth Edition (2014). Due to the indeterminate nature of these units, distortion and deflection cannot be accurately evaluated, but with diaphragm action of external components and internal stiffeners, the base unit has the capacity to withstand these forces with individual external parts being contained. Yearly inspections, during equipment maintenance or after a named storm, all screws, cabinet components, clips, anchor, bolts, straps and cables are to be verified by the A/C contractor. All damaged cabinet components, loose, corroded, broken screws or anchor bolts shall be replaced to ensure structural integrity for humicane wind forces.



160 SW 12th Ave Suite 106, Deerfield Beach, FL 33442 (954) 354-0660 | EngineeringExpress.com

Technical Evaluation Report

DIVISION: 23 08 00-COMMISSIONING OF HVAC

THIS DOCUMENT CONTAINS (5) PAGES: THE FIRST PAGE MUST BEAR AN ORIGINAL SIGNATURE & SEAL OF THE CERTIFYING PE TO BE VALID FOR USE

(Issued July 8th, 2016 Subject to Renew July 7th, 2017)

EVALUATION SUBJECT: CARRIER SPLIT UNITS

TER-16-3190.2

REPORT HOLDER:

CARRIER ENTERPRISE OF FLORIDA 2000 PARKS OAKS AVE ORLANDO, FL 33428 USA (954) 247-2003 I FL CARRIERENTERP

(954) 247-2003 | FL.CARRIERENTERPRISE.COM

SCOPE OF EVALUATION (compliance with the following codes):

THIS IS A STRUCTURAL (WIND) PERFORMANCE EVALUATION ONLY. NO ELECTRICAL OR TEMPERATURE PERFORMANCE RATINGS OR CERTIFICATIONS ARE OFFERED OR IMPLIED HEREIN.

This Product Evaluation Report is being issued in accordance with the requirements of the Florida Building Code Fifth Edition (2014) per FBC Section 104.11, FMC 301.15, FBC Building Ch. 16, ASCE-7-10, FBC Existing Building sections 701.1, 706.6.1, FBC Building 1522.2, and FBC Residential M1202.1, M1301.1, FS 471.025, including Broward County Administrative Provisions 107.3.4. The product noted on this report has been tested and/or evaluated as summarized herein.

IN ACCORDANCE WITH THESE CODES EACH OF THESE REPORTS MUST BEAR THE ORIGINAL SIGNATURE & RAISED SEAL OF THE EVALUATING ENGINEER.

SUBSTANTIATING DATA:

Product Evaluation Documents

Substantiating documentation has been submitted to support this TER and is summarized in the sections that follow.

Structural Engineering Calculations

Structural engineering calculations have been prepared which evaluate the product based on comparative and/or rational analysis to qualify the following design criteria:

- Maximum allowable unit panel wind pressure connection integrity
- Maximum allowable uplift, sliding, & overturning moment for ground and roof applications

Calculation summary for this TER is provided in the forces summary table. No 33% increase in allowable stress has been used in the design of this product. Microsoft Excel was used to carry out the calculations present in this report.

INSTALLATION:

The product(s) listed in this report shall be installed in strict compliance with this TER & manufacturer-provided model specifications.

The product components shall be of the material specified in the manufacturer-provided product specifications. All screws must be installed in accordance with the applicable provisions & anchor manufacturer's published installation instructions.

LIMITATIONS & CONDITIONS OF USE:

Use of this product shall be in strict accordance with this TER as noted herein. See final page for complete limitations and conditions of use.

OPTIONS:

This evaluation is valid for all CARRIER models present in the table located on the final page.

FINISH:

Baked enamel.



NOTE: GRAPHICAL DEPICTIONS IN THIS REPORT ARE FOR ILLUSTRATIVE PURPOSES ONLY. ACTUAL UNITS MAY DIFFER SLIGHTLY IN APPEARANCE.

UNIT CASING MATERIAL:

0.86mm galvanized sheet steel ASTM A653 EDDS cold rolled steel for removable top panel. 1.14mm galvanized sheet steel ASTM A653 EDDS cold rolled steel for base pan. 0.86mm galvanized steel sheet ASTM A653 for side protector louvers, secured with #10-16 sheet metal screws into top and base pan.

INSTALLATION:

Shall follow manufacturer specifications as well as the information provided herein.

STRUCTURAL PERFORMANCE:

Models referenced herein are subject to the following design limitations: ASCE7-10 Exposure Category C, Risk II

Up to and including 175mph (Vult) for up to 200' MRH**. HVHZ***
Up to and including 170mph (Vult) for up to 250' MRH**. HVHZ***

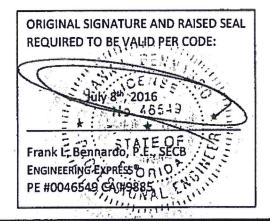
Up to and including 200mph (Vult) for up to 200' MRH**. Non-HVHZ*** Ground or Roof Application per installation instructions

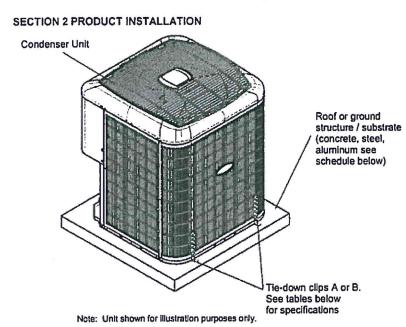
Mean Roof Height *High Velocity Hurricane Zone

Maximum Rated Wind Pressure:

193psf Lateral, 93psf Uplift (less Dead Load)

Site specific wind analysis may produce alternate limitations provided maximum rated wind pressure is not exceeded.





TIE-DOWN STRAP & CLIP SCHEDULE

| Cabinet | Ground or Roof Height* | Tie-down Strap on unit | Tie-down Clips per Unit (A) | Tie-down Clips per Unit (B) |
|---------|---------------------------|------------------------------|-----------------------------------|-----------------------------------|
| Mini | Ground | NA | 8 | 4 |
| Small | Ground | IVA | 8 | 4 |
| Medium | Un to 200' (250') | 2 | 8 | 4 |
| Large | Up to 200' (250') | | 8 | 4 |

^{*}The value shown in parentheses indicates the allowable roof height in 170mph conditions, i.e. 60' (80') indicates an allowable roof height of 60' for 175mph or 80' for 170mph Vult.

Note

Straps shall be wrapped as shown in details on section 4. The straps shall be tightened to a snug fit around the unit. Straps shall be 1° width and 22ga galvanized metal. For Non-HVHZ, use (2) metal straps, up to 200' MRH. Values shown in table are minimum specified. Using stronger straps per each height is allowed at installer's discretion.

ANCHOR TO HOST STRUCTURE SCHEDULE

| | | Anchor Type | | | | |
|-----------------|---------------------------|-----------------------|-----------------------|---------------------------------|--|--|
| Cabinet | Ground or Roof Helght* | Concrete 3,000 Psi | 1/8" Min A36 Steel | 1/8" Min 6061-T6 Aluminum | | |
| Mini Small | Ground | Α | NA | NA | | |
| Medlum Large | Up to 200' (250') | NA | В | В | | |



Note: Installers must ensure that screws used to fasten the tie-down clips with the unit base pan do not touch the coil in order to prevent any damage to the coil.

TIE-DOWN CLIP (A) (GROUND AND ROOF APPLICATION)

Miami Tech CUTD 1* wide ASTM A653 galvanized steel 0.07* thick of varying length (FL19731.2) or equivalent for all cabinets tied down to a roof structure or ground structure; fasten clip to structure using anchor from Anchor Schedule to Host Structure Table and (2) #10 SS 410 self-drilling screw to fasten clip to unit base pan. Install in unit with quantities shown in Tie-down Strap & Clip Schedule. Locate clips at 3* min away from the appropriate comer using four clips per side (to at each corner) and four clips opposite side in the same configuration. Miami Tech kit # CBCUTD4KG for ground & kit # CBCUTD4KR for roof application.

<u>Tie-down Strap & Clip</u>: (for roof applications)

- Minimum edge distance 3" from the unit corners.
- Use a minimum of tie-down straps per side equally spaced.
- Clip height shall be adequate to fit SMS within base pan height, Verify height on site.
- Place an adjacent (1) #10 SMS to avoid the straps slip off.

Anchor Types to Host Structure:

A. — 1/4" ELCO ULTRACON SS4 Anchor embedded 1 3/4" in 3,000 psi concrete. 2 1/2" from edge minimum. NOA No. 13-1205.05

B. – 1/4" -20 UNC SAE Grade 5 screw min. 1/2" from edges with nut and washer OD 1"

NA. - No anchors apply.

IN ALL CONDITIONS IT IS THE RESPONSIBILITY OF THE PERMIT HOLDER TO ENSURE THE HOST STRUCTURE IS CAPABLE OF WITHSTANDING THE RATED GRAVITY, LATERAL, AND UPLIFT FORCES BY SITE-SPECIFIC DESIGN. NO WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS OFFERED BY ENGINEERING EXPRESS AS TO THE INTEGRITY OF THE HOST STRUCTURE TO CARRY DESIGN FORCE LOADS INCURRED BY THIS UNIT.

⁺ See tables on last page for cabinet classification and model numbers.

SECTION 3 SUPPORTING CALCULATIONS & SUMMARY

FORCES SUMMARY

| Cabinet* | Ground or Roof Height* | Lateral Pressure (Psf) | Uplift Pressure (Psf) | Large Side Force (lbs) | Large Side Overturn (lbs-in) | Large Side Tension (lbs) | Short Side Force (lbs) | Short Side Overturn (lbs-in) | Short Side Tension (lbs) | Uplift Force (lbs) |
|----------|---------------------------|---------------------------|-----------------------------|------------------------------|------------------------------------|-----------------------------------|---------------------------------|---------------------------------------|-----------------------------------|--------------------------|
| 241-1 | Ground | 44.1 | 0 | 272.0 | 5236.0 | 226.5 | 272.0 | 5236.0 | 226.5 | 0.0 |
| Mini | Up to 200' (250') | 193.0 | 93.4 | 1191.0 | 26897.0 | 1163.1 | 1191.0 | 26897.0 | 1163.1 | 347.0 |
| C | Ground | 44.1 | 0 | 235.8 | 3383.3 | 131.1 | 227.0 | 3257.0 | 121.5 | 0.0 |
| Small | Up to 200' (250') | 193.0 | 93.4 | 1030.9 | 14793.2 | 573.4 | 992.4 | 14241,3 | 531.4 | 421.6 |
| Medium | Ground | 44.1 | 0 | 498.0 | 11818.0 | 337.7 | 498.0 | 11818.0 | 337.7 | 0.0 |
| Large | Up to 200' (250') | 193.0 | 93.4 | 2225.0 | 66678.2 | 1905.1 | 2225.0 | 66678.2 | 1905.1 | 794.0 |

Calculations performed according to the information provided by the client. Cabinets were assumed solid (0% porosity) for shear and tension calculation purposes.

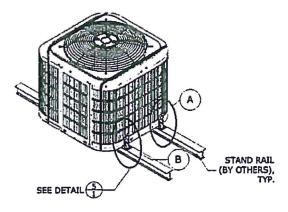
PANEL INTEGRITY SUMMARY

| Cabinet* | Ground or Roof Helght* | Panel Name | Required Wind Pressure (lb/ft²) | Force on Panel (lbs) | Additional Screw Qty Needed (pcs) | Additional reinforcement required beyond original manufacturing |
|----------|---------------------------|----------------------|--|----------------------------|--|---|
| | | TOP PANEL | 0.0 | 0.0 | • | |
| | Ground | LOUVER 1 | 44.1 | 240.1 | | No |
|] | Ground | LOUVER 2 | 44.1 | 178.3 | • | |
| | | CONTROL COVER | 44.1 | 63.5 | - | |
| Mini | | TOP PANEL | 93.4 | 346.5 | • | |
| | 2001 (2FOL) | LOUVER 1 | 193.0 | 1049.9 | • | No |
| | Up to 200' (250') | LOUVER 2 | 193.0 | 779.7 | - | ו אס |
| | | CONTROL COVER | 193.0 | 277.4 | | } |
| | | TOP PANEL | 0.0 | 0.0 | - | |
| | | LOUVER 1 | 44.1 | 235.3 | - | } |
| - | Ground | LOUVER 2 | 44.1 | 197.9 | - | 1 No |
| | 5,55,10 | LOUVER 3 | 44.1 | 184.7 | | 1 |
| | | CONTROL COVER | 44.1 | 63.5 | | 1 |
| Small | | TOP PANEL | 93.4 | 421.6 | 0 | |
| | | LOUVER 1 | 193.0 | 1029.0 | 2 | 1 |
| | Up to 200' (250') | LOUVER 2 | 193.0 | 865.5 | 2 | Yes |
| | op 10 000 (000 / | LOUVER 3 | 193.0 | 807.8 | 2 | 100000 |
| | | CONTROL COVER | 193.0 | 277.4 | 0 | 1 |
| | | TOP PANEL | 0.0 | 0.0 | | |
| 1 | | LOUVER 1 | 44.1 | 436.6 | • | } |
| | Ground | LOUVER 2 | 44.1 | 362.7 | • | No |
| | Ground | LOUVER 3 | 44.1 | 212.6 | - |] " |
| | | LOUVER 4 | 44.1 | 243.9 | • |] |
| Medium | | CONTROL COVER | 44.1 | 63.5 | • | |
| Large | | TOP PANEL | 93.4 | 794.5 | 0 | |
| | | LOUVER 1 | 193.0 | 1909.0 | 2 | 1 |
| | Up to 200' (250') | LOUVER 2 LOUVER 3 | 193.0 193.0 | 1585.8 929.6 | 3 | Yes |
| | | LOUVER 4 | 193.0 | 1066.3 | 3 | 0.0000 |
| | | CONTROL COVER | 193.0 | 277.4 | 0 | |

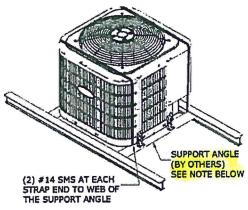
^{*}The value shown in parentheses indicates the allowable roof height in 170mph conditions. i.e. 60' (80') indicates an allowable roof height of 60' for 175mph or 80' for 170mph Vult.

^{*}See tables on last page for cabinet classification and model numbers.

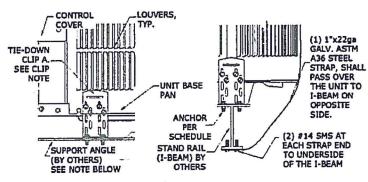
SECTION 4 DETAILS

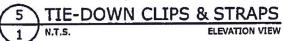


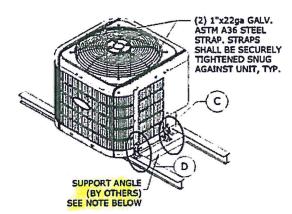




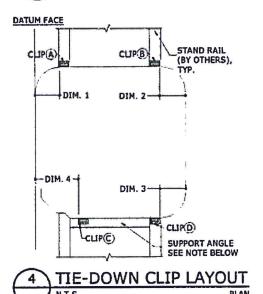








MECHANICAL UNIT 1 N.T.S. FRONT ISOMETRIC



TIE-DOWN CLIP OFFSETS:

| | SOTTITUE OF TOE TO. |
|--------|-------------------------------------|
| DIM. 1 | 5.00" MAX OFFSET FROM DATUM FACE |
| DIM. 2 | 5.00° MAX OFFSET FROM OPPOSITE FACE |
| DIM. 3 | 5.00" MAX OFFSET FROM OPPOSITE FACE |
| DIM. 4 | 10" MAX OFFSET FROM DATUM FACE |

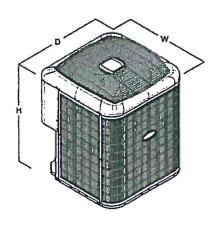
Note:

Miami Tech support angle part number CBCAB30K, CBCAB42K, under NOA #16-0601.01 or equivalent is permitted. Louver panels that are not being contained by the straps or clips shall be reinforced with screws of similar size and strength as existing in unit; amount of screws required are dictated by panel integrity table. Place screw at the bottom part of the louver, joining the louver with the base pan.

CABINETS & DIMENSIONS

| Cabinet Unit Model (in) Width (in) (in) Depth (in) (in) Height (in) Large 25VNA024 35.00 35.00 44.00 Large 25VNA048 35.00 35.00 44.00 Large 25VNA060 35.00 35.00 44.00 Mini 25VNA813 23.13 23.13 31.63 Mini 25VNA824 23.13 23.13 31.63 Mini 25VNA825 23.13 23.13 31.63 Medlum 25VNA865 23.13 23.13 31.63 Medlum 25VNA8687 31.19 31.19 39.75 Medlum 25VNA860 31.19 31.19 33.19 33.19 33.19 33.19 33.19 33.19 33.19 33.19 33.19 33.19 33.19 33.19 33.19 33.19 33.19 33.19 33.19 33.19 34.49 Medium 25VNA860 35.00 35.00 40.63 43.50 43.50 43.50 43.50 | | | | | |
|---|--|------------|-------------|--|-------|
| Large 25VNA024 35.00 35.00 44.00 Large 25VNA036 35.00 35.00 44.00 Large 25VNA048 35.00 35.00 44.00 Mini 25VNA813 23.13 23.13 31.63 Mini 25VNA824 23.13 23.13 31.63 Mini 25VNA836 23.13 23.13 31.63 Medium 25VNA836 23.13 23.13 31.9 Large 25HNB924 35.00 35.00 40.63 Large 25HNB936 35.00 35.00 47.44 Large 25HNB936 35.00 35.00 47.44 Large 25HNB936 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 47.44 Medium 25HNB518 31.19 31.19 29.56 Large 25HNB548 35.00 35.00 37.25 Large 25HNB548 35.00 35.00 40.63 Mini 24VNA913 23.13 23.13 31.63 Mini 24VNA924 23.13 23.13 31.63 Mini 24VNA936 23.13 23.13 38.44 Medium 24VNA948 31.19 31.19 39.75 Medium 24VNA948 31.19 31.19 39.75 Medium 24VNA960 31.19 31.19 30.97 Medium 24VNA960 31.19 31.19 36.38 Large 24ANB160 35.00 35.00 47.44 Large 24ANB188 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | Cabinet | Unit Model | 100000 1000 | | |
| Large 25VNA036 35.00 35.00 44.00 Large 25VNA048 35.00 35.00 44.00 Mini 25VNA813 23.13 23.13 31.63 Mini 25VNA824 23.13 23.13 31.63 Mini 25VNA825 23.13 23.13 31.63 Mini 25VNA836 23.13 23.13 31.63 Medlum 25VNA837 31.19 31.19 39.75 Medlum 25VNA860 31.19 31.19 39.75 Medlum 25VNA860 31.19 31.19 43.19 Large 25HNB924 35.00 35.00 40.63 Large 25HNB936 35.00 35.00 47.44 Large 25HNB636 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 35.00 40.63 Large 25HNB536 35.00 35.00 35.00 40.63 Large 25HNB538 31.19 31.19 29.56 Large 25HNB548 35.00 35.00 37.25 Large 25HNB548 35.00 35.00 30.44 Large 25HNB548 35.00 35.00 30.44 Large 25HNB548 35.00 35.00 30.44 Medium 25VNA949 35.00 35.00 30.44 Large 25HNB548 35.00 35.00 40.63 Mini 24VNA913 23.13 23.13 31.63 Mini 24VNA936 33.13 23.13 33.43 Mini 24VNA936 33.13 23.13 38.44 Medium 24VNA936 33.13 23.13 38.44 Medium 24VNA948 31.19 31.19 39.75 Medium 24VNA948 31.19 31.19 30.39 Large 24ANB160 35.00 35.00 40.63 Marge 24ANB186 35.00 35.00 40.63 Marge 24ANB186 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | | | | | |
| Large 25VNA048 35.00 35.00 44.00 Large 25VNA060 35.00 35.00 44.00 Mini 25VNA813 23.13 23.13 31.63 Mini 25VNA824 23.13 23.13 31.63 Mini 25VNA835 23.13 23.13 31.63 Medium 25VNA837 31.19 31.19 39.75 Medium 25VNA848 31.19 31.19 38.44 Medium 25VNA860 31.19 31.19 39.75 Medium 25VNA860 31.19 31.19 34.19 Large 25HNB960 31.19 31.19 43.19 Large 25HNB960 35.00 35.00 47.44 Large 25HNB960 35.00 35.00 47.44 Large 25HNB664 35.00 35.00 40.63 Large 25HNB668 35.00 35.00 47.44 Large 25HNB668 35.00 35.00 47.44 <td>Large</td> <td></td> <td></td> <td></td> <td>_</td> | Large | | | | _ |
| Large 25VNA060 35.00 35.00 44.00 Mini 25VNA813 23.13 23.13 31.63 Mini 25VNA824 23.13 23.13 31.63 Mini 25VNA825 23.13 23.13 38.44 Mini 25VNA836 23.13 23.13 31.63 Medium 25VNA848 31.19 31.19 39.75 Medium 25VNA848 31.19 31.19 34.19 Medium 25VNA860 31.19 31.19 43.19 Large 25HNB924 35.00 35.00 40.63 Large 25HNB936 35.00 35.00 47.44 Large 25HNB960 35.00 35.00 47.44 Large 25HNB664 35.00 35.00 40.63 Large 25HNB668 35.00 35.00 40.63 Large 25HNB668 35.00 35.00 40.63 Large 25HNB568 35.00 35.00 47.44 | Large | | - | THE RESERVE OF THE PERSON NAMED IN | |
| Mini 25VNA813 23.13 23.13 31.63 Mini 25VNA824 23.13 23.13 31.63 Mini 25VNA825 23.13 23.13 38.44 Mini 25VNA836 23.13 23.13 31.63 Medium 25VNA848 31.19 31.19 39.75 Medium 25VNA860 31.19 31.19 38.44 Medium 25VNA860 31.19 31.19 34.19 Large 25HNB924 35.00 35.00 40.63 Large 25HNB936 35.00 35.00 47.44 Large 25HNB936 35.00 35.00 47.44 Large 25HNB960 35.00 35.00 47.44 Large 25HNB636 35.00 35.00 40.63 Large 25HNB660 35.00 35.00 40.63 Large 25HNB518 31.19 31.19 29.56 Medium 25HNB536 35.00 35.00 37.25 | Large | | 35.00 | 35.00 | 44.00 |
| Mini 25VNA824 23.13 23.13 31.63 Mini 25VNA825 23.13 23.13 38.44 Mini 25VNA836 23.13 23.13 31.63 Medlum 25VNA837 31.19 31.19 39.75 Medlum 25VNA848 31.19 31.19 38.44 Medlum 25VNA860 31.19 31.19 43.19 Large 25HNB924 35.00 35.00 40.63 Large 25HNB936 35.00 35.00 47.44 Large 25HNB948 35.00 35.00 47.44 Large 25HNB660 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB518 31.19 31.19 29.56 Large 25HNB530 35.00 35.00 37.25 | Large | 25VNA060 | | | |
| Mini 25VNA825 23.13 23.13 38.44 Mini 25VNA836 23.13 23.13 31.63 Medlum 25VNA837 31.19 31.19 39.75 Medlum 25VNA848 31.19 31.19 38.44 Medlum 25VNA860 31.19 31.19 43.19 Large 25HNB924 35.00 35.00 40.63 Large 25HNB936 35.00 35.00 47.44 Large 25HNB960 35.00 35.00 47.44 Large 25HNB664 35.00 35.00 40.63 Large 25HNB6636 35.00 35.00 40.63 Large 25HNB660 35.00 35.00 40.63 Large 25HNB660 35.00 35.00 47.44 Medium 25HNB518 31.19 31.19 29.56 Large 25HNB530 35.00 35.00 37.25 Large 25HNB543 35.00 35.00 37.25 </td <td>Mini</td> <td>25VNA813</td> <td>23.13</td> <td></td> <td></td> | Mini | 25VNA813 | 23.13 | | |
| Mini 25VNA636 23.13 23.13 31.63 Medlum 25VNA837 31.19 31.19 39.75 Medlum 25VNA848 31.19 31.19 38.44 Medlum 25VNA860 31.19 31.19 43.19 Large 25HNB924 35.00 35.00 40.63 Large 25HNB948 35.00 35.00 47.44 Large 25HNB960 35.00 35.00 47.44 Large 25HNB664 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB660 35.00 35.00 47.44 Medium 25HNB518 31.19 31.19 29.56 Large 25HNB530 35.00 35.00 37.25 Large 25HNB543 35.00 35.00 37.25 </td <td>Minl</td> <td></td> <td></td> <td></td> <td></td> | Minl | | | | |
| Medium 25VNA837 31.19 31.19 39.75 Medium 25VNA848 31.19 31.19 38.44 Medium 25VNA860 31.19 31.19 43.19 Large 25HNB924 35.00 35.00 40.63 Large 25HNB936 35.00 35.00 47.44 Large 25HNB960 35.00 35.00 47.44 Large 25HNB624 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB638 35.00 35.00 40.63 Large 25HNB638 35.00 35.00 40.63 Large 25HNB518 31.19 31.19 29.56 Large 25HNB518 31.19 31.19 29.56 Large 25HNB530 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB548 35.00 35.00 30.44 </td <td>Mini</td> <td></td> <td></td> <td>-</td> <td></td> | Mini | | | - | |
| Medium 25VNA848 31.19 31.19 38.44 Medium 25VNA860 31.19 31.19 43.19 Large 25HNB924 35.00 35.00 40.63 Large 25HNB936 35.00 35.00 44.06 Large 25HNB960 35.00 35.00 47.44 Large 25HNB624 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB638 35.00 35.00 40.63 Large 25HNB638 35.00 35.00 40.63 Large 25HNB648 35.00 35.00 47.44 Medium 25HNB518 31.19 31.19 29.56 Large 25HNB518 31.19 31.19 29.56 Large 25HNB530 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB548 35.00 35.00 30.44 </td <td>Mini</td> <td>25VNA836</td> <td></td> <td></td> <td></td> | Mini | 25VNA836 | | | |
| Medium 25VNA860 31.19 31.19 43.19 Large 25HNB924 35.00 35.00 40.63 Large 25HNB936 35.00 35.00 44.06 Large 25HNB948 35.00 35.00 47.44 Large 25HNB624 35.00 35.00 47.44 Large 25HNB636 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB648 35.00 35.00 40.63 Large 25HNB518 31.19 31.19 29.56 Large 25HNB536 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB548 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 30.44 <td>Medium</td> <td>25VNA837</td> <td>31.19</td> <td>31.19</td> <td>39.75</td> | Medium | 25VNA837 | 31.19 | 31.19 | 39.75 |
| Large 25HNB924 35.00 35.00 40.63 Large 25HNB936 35.00 35.00 44.06 Large 25HNB948 35.00 35.00 47.44 Large 25HNB960 35.00 35.00 47.44 Large 25HNB624 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB648 35.00 35.00 40.63 Large 25HNB660 35.00 35.00 47.44 Medium 25HNB518 31.19 31.19 29.56 Large 25HNB524 35.00 35.00 37.25 Large 25HNB530 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB548 35.00 35.00 37.25 Large 25HNB548 35.00 35.00 33.88 Large 25HNB560 35.00 35.00 33.88 <td>Medlum</td> <td>25VNA848</td> <td></td> <td>31.19</td> <td></td> | Medlum | 25VNA848 | | 31.19 | |
| Large 25HNB936 35.00 35.00 44.06 Large 25HNB948 35.00 35.00 47.44 Large 25HNB960 35.00 35.00 47.44 Large 25HNB624 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB648 35.00 35.00 47.44 Medium 25HNB508 35.00 35.00 47.44 Medium 25HNB518 31.19 31.19 29.56 Large 25HNB536 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB548 35.00 35.00 37.25 Large 25HNB548 35.00 35.00 33.88 Large 25HNB560 35.00 35.00 33.88 Large 25HNB560 35.00 35.00 33.88 <td>Medium</td> <td>25VNA860</td> <td>31.19</td> <td>31.19</td> <td>43.19</td> | Medium | 25VNA860 | 31.19 | 31.19 | 43.19 |
| Large 25HNB948 35.00 35.00 47.44 Large 25HNB960 35.00 35.00 47.44 Large 25HNB624 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB660 35.00 35.00 47.44 Medium 25HNB518 31.19 31.19 29.56 Medium 25HNB524 35.00 35.00 37.25 Large 25HNB530 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB548 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 33.88 Large 25HNB560 35.00 35.00 33.88 Large 25HNB560 35.00 35.00 33.83 <td>Large</td> <td>25HNB924</td> <td>35.00</td> <td></td> <td>40.63</td> | Large | 25HNB924 | 35.00 | | 40.63 |
| Large 25HNB960 35.00 35.00 47.44 Large 25HNB624 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB648 35.00 35.00 40.63 Large 25HNB660 35.00 35.00 47.44 Medium 25HNB518 31.19 31.19 29.56 Large 25HNB524 35.00 35.00 33.88 Large 25HNB536 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB548 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 33.88 Large 25HNB560 35.00 35.00 33.88 Large 25HNB560 35.00 35.00 33.88 Large 25HNB560 35.00 35.00 33.88 <td>Large</td> <td>25HNB936</td> <td>35.00</td> <td>35,00</td> <td>44.06</td> | Large | 25HNB936 | 35.00 | 35,00 | 44.06 |
| Large 25HNB624 35.00 35.00 40.63 Large 25HNB636 35.00 35.00 40.63 Large 25HNB648 35.00 35.00 40.63 Large 25HNB660 35.00 35.00 47.44 Medium 25HNB518 31.19 31.19 29.56 Large 25HNB524 35.00 35.00 33.88 Large 25HNB536 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB548 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 30.44 Mini 24VNA913 23.13 23.13 31.63 Mini 24VNA924 23.13 23.13 38.44 | Large | 25HNB948 | 35.00 | 35.00 | 47.44 |
| Large 25HNB636 35.00 35.00 40.63 Large 25HNB648 35.00 35.00 40.63 Large 25HNB660 35.00 35.00 47.44 Medium 25HNB518 31.19 31.19 29.56 Large 25HNB524 35.00 35.00 33.88 Large 25HNB536 35.00 35.00 37.25 Large 25HNB542 35.00 35.00 37.25 Large 25HNB542 35.00 35.00 30.44 Large 25HNB542 35.00 35.00 30.44 Large 25HNB548 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 30.88 Large 25HNB560 35.00 35.00 30.44 Mini 24VNA913 23.13 23.13 31.63 Mini 24VNA924 23.13 23.13 38.44 Medium 24VNA936 23.13 23.13 38.44 | Large | 25HNB960 | 35.00 | 35.00 | 47.44 |
| Large 25HNB636 35.00 35.00 40.63 Large 25HNB648 35.00 35.00 40.63 Large 25HNB660 35.00 35.00 47.44 Medium 25HNB518 31.19 31.19 29.56 Large 25HNB524 35.00 35.00 33.88 Large 25HNB536 35.00 35.00 37.25 Large 25HNB542 35.00 35.00 37.25 Large 25HNB548 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 30.88 Large 25HNB560 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 33.88 Large 25HNB560 35.00 35.00 33.88 Large 25HNB560 35.00 35.00 33.88 Mini 24VNA924 23.13 23.13 31.3 | Large | 25HNB624 | 35.00 | 35.00 | 40.63 |
| Large 25HNB648 35.00 35.00 40.63 Large 25HNB660 35.00 35.00 47.44 Medium 25HNB518 31.19 31.19 29.56 Large 25HNB524 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB542 35.00 35.00 30.44 Large 25HNB548 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 30.88 Large 25HNB560 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 40.63 Mini 24VNA913 23.13 23.13 31.63 Mini 24VNA924 23.13 23.13 38.44 Medium 24VNA937 31.19 31.19 39.75 | | 25HNB636 | 35.00 | 35.00 | 40.63 |
| Large 25HNB660 35.00 35.00 47.44 Medium 25HNB518 31.19 31.19 29.56 Large 25HNB524 35.00 35.00 33.88 Large 25HNB530 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB542 35.00 35.00 30.44 Large 25HNB548 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 30.88 Large 25HNB560 35.00 35.00 40.63 Mini 24VNA913 23.13 23.13 31.63 Mini 24VNA924 23.13 23.13 38.44 Medium 24VNA936 23.13 23.13 38.44 Medium 24VNA948 31.19 31.19 39.75 Large 24VNA948 31.19 31.19 39.75 Large 24ANB160 35.00 35.00 40.63 <td></td> <td>25HNB648</td> <td>35.00</td> <td>35.00</td> <td>40.63</td> | | 25HNB648 | 35.00 | 35.00 | 40.63 |
| Large 25HNB524 35.00 35.00 33.88 Large 25HNB530 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB542 35.00 35.00 30.44 Large 25HNB548 35.00 35.00 30.44 Large 25HNB560 35.00 35.00 40.63 Mini 24VNA913 23.13 23.13 31.63 Mini 24VNA924 23.13 23.13 31.63 Mini 24VNA925 23.13 23.13 38.44 Medium 24VNA936 23.13 23.13 38.44 Medium 24VNA9493 31.19 31.19 39.75 Medium 24VNA948 31.19 31.19 39.75 Large 24VNA949 35.00 35.00 44.00 Medium 24VNA960 31.19 31.19 43.19 Large 24ANB164 35.00 35.00 47.44 <td></td> <td>25HNB660</td> <td>35.00</td> <td>35.00</td> <td>47.44</td> | | 25HNB660 | 35.00 | 35.00 | 47.44 |
| Large 25HNB530 35.00 35.00 37.25 Large 25HNB536 35.00 35.00 37.25 Large 25HNB542 35.00 35.00 30.44 Large 25HNB548 35.00 35.00 30.88 Large 25HNB560 35.00 35.00 40.63 Mini 24VNA913 23.13 23.13 31.63 Mini 24VNA924 23.13 23.13 31.63 Mini 24VNA925 23.13 23.13 38.44 Medium 24VNA936 23.13 23.13 38.44 Medium 24VNA937 31.19 31.19 39.75 Medium 24VNA948 31.19 31.19 39.75 Large 24VNA948 35.00 35.00 44.00 Medium 24VNA960 31.19 31.19 43.19 Large 24ANB124 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 <td>Medium</td> <td>25HNB518</td> <td>31.19</td> <td>31.19</td> <td>29.56</td> | Medium | 25HNB518 | 31.19 | 31.19 | 29.56 |
| Large 25HNB536 35.00 35.00 37.25 Large 25HNB542 35.00 35.00 30.44 Large 25HNB548 35.00 35.00 30.88 Large 25HNB560 35.00 35.00 40.63 Mini 24VNA913 23.13 23.13 31.63 Mini 24VNA924 23.13 23.13 31.63 Mini 24VNA925 23.13 23.13 38.44 Medium 24VNA936 23.13 23.13 38.44 Medium 24VNA937 31.19 31.19 39.75 Medium 24VNA948 31.19 31.19 39.75 Large 24VNA948 35.00 35.00 44.00 Medium 24VNA960 31.19 31.19 43.19 Large 24ANB124 35.00 35.00 40.63 Large 24ANB136 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 <td>Large</td> <td>25HNB524</td> <td>35.00</td> <td>35.00</td> <td>33.88</td> | Large | 25HNB524 | 35.00 | 35.00 | 33.88 |
| Large 25HNB542 35.00 35.00 30.44 Large 25HNB548 35.00 35.00 33.88 Large 25HNB560 35.00 35.00 40.63 Mini 24VNA913 23.13 23.13 31.63 Mini 24VNA924 23.13 23.13 31.63 Mini 24VNA925 23.13 23.13 38.44 Medium 24VNA936 23.13 23.13 38.44 Medium 24VNA948 31.19 31.19 39.75 Medium 24VNA948 31.19 31.19 39.75 Large 24VNA949 35.00 35.00 44.00 Medium 24VNA960 31.19 31.19 43.19 Large 24ANB124 35.00 35.00 40.63 Large 24ANB136 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 Large 24ANB724 31.19 31.19 36.38 <td>Large</td> <td>25HNB530</td> <td>35.00</td> <td>35.00</td> <td>37.25</td> | Large | 25HNB530 | 35.00 | 35.00 | 37.25 |
| Large 25HNB548 35.00 35.00 33.88 Large 25HNB560 35.00 35.00 40.63 Mini 24VNA913 23.13 23.13 31.63 Mini 24VNA924 23.13 23.13 31.63 Mini 24VNA925 23.13 23.13 38.44 Mini 24VNA936 23.13 23.13 38.44 Medium 24VNA937 31.19 31.19 39.75 Medium 24VNA948 31.19 31.19 39.75 Large 24VNA949 35.00 35.00 44.00 Medium 24VNA949 35.00 35.00 40.63 Large 24ANB124 35.00 35.00 47.44 Large 24ANB136 35.00 35.00 47.44 Large 24ANB148 35.00 35.00 47.44 Large 24ANB724 31.19 31.19 36.38 Medium 24ANB786 35.00 35.00 40.63 | Large | 25HNB536 | 35.00 | 35.00 | 37.25 |
| Large 25HNB548 35.00 35.00 33.88 Large 25HNB560 35.00 35.00 40.63 Mini 24VNA913 23.13 23.13 31.63 Mini 24VNA924 23.13 23.13 31.63 Mini 24VNA925 23.13 23.13 38.44 Medium 24VNA936 23.13 23.13 38.44 Medium 24VNA937 31.19 31.19 39.75 Medium 24VNA948 31.19 31.19 39.75 Large 24VNA949 35.00 35.00 44.00 Medium 24VNA960 31.19 31.19 43.19 Large 24ANB124 35.00 35.00 47.44 Large 24ANB136 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 Large 24ANB724 31.19 31.19 36.38 Medium 24ANB786 31.19 31.19 36.38 <td>Large</td> <td>25HNB542</td> <td>35.00</td> <td>35.00</td> <td>30.44</td> | Large | 25HNB542 | 35.00 | 35.00 | 30.44 |
| Large 25HNB560 35.00 35.00 40.63 Mini 24VNA913 23.13 23.13 31.63 Mini 24VNA924 23.13 23.13 31.63 Mini 24VNA925 23.13 23.13 38.44 Mini 24VNA936 23.13 23.13 38.44 Medium 24VNA936 23.13 23.13 38.44 Medium 24VNA937 31.19 31.19 39.75 Medium 24VNA948 31.19 31.19 39.75 Large 24VNA949 35.00 35.00 44.00 Medium 24VNA949 35.00 35.00 40.63 Large 24ANB124 35.00 35.00 40.63 Large 24ANB136 35.00 35.00 47.44 Large 24ANB148 35.00 35.00 47.44 Large 24ANB724 31.19 31.19 36.38 Medium 24ANB784 35.00 35.00 40.63 <td>-</td> <td>25HNB548</td> <td>35.00</td> <td>35.00</td> <td>33.88</td> | - | 25HNB548 | 35.00 | 35.00 | 33.88 |
| Mini 24VNA924 23.13 23.13 31.63 Mini 24VNA925 23.13 23.13 38.44 Mini 24VNA936 23.13 23.13 38.44 Medium 24VNA937 31.19 31.19 39.75 Medium 24VNA948 31.19 31.19 39.75 Large 24VNA949 35.00 35.00 44.00 Medium 24VNA960 31.19 31.19 43.19 Large 24ANB124 35.00 35.00 40.63 Large 24ANB186 35.00 35.00 47.44 Large 24ANB186 35.00 35.00 47.44 Medium 24ANB724 31.19 31.19 36.38 Large 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.56 Medium 24ANB663 31.19 31.19 29.05 </td <td>Large</td> <td>25HNB560</td> <td>35.00</td> <td>35.00</td> <td>40.63</td> | Large | 25HNB560 | 35.00 | 35.00 | 40.63 |
| Mini 24VNA925 23.13 23.13 38.44 Mini 24VNA936 23.13 23.13 38.44 Medium 24VNA937 31.19 31.19 39.75 Medium 24VNA948 31.19 31.19 39.75 Large 24VNA949 35.00 35.00 44.00 Medium 24VNA960 31.19 31.19 43.19 Large 24ANB124 35.00 35.00 40.63 Large 24ANB163 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 Large 24ANB724 31.19 31.19 36.38 Medium 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.56 Medium 24ANB664 31.19 31.19 29.05 Medium 24ANB636 35.00 35.00 30.44 | Mini | 24VNA913 | 23,13 | 23.13 | 31,63 |
| Mini 24VNA936 23.13 23.13 38.44 Medium 24VNA937 31.19 31.19 39.75 Medium 24VNA948 31.19 31.19 39.75 Large 24VNA949 35.00 35.00 44.00 Medium 24VNA960 31.19 31.19 43.19 Large 24ANB124 35.00 35.00 40.63 Large 24ANB136 35.00 35.00 47.44 Large 24ANB148 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 Medium 24ANB724 31.19 31.19 36.38 Large 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.56 Medium 24ANB664 31.19 31.19 29.05 Medium 24ANB636 35.00 35.00 30.4 | Mini | 24VNA924 | 23.13 | 23.13 | 31.63 |
| Medium 24VNA937 31.19 31.19 39.75 Medium 24VNA948 31.19 31.19 39.75 Large 24VNA949 35.00 35.00 44.00 Medium 24VNA960 31.19 31.19 43.19 Large 24ANB124 35.00 35.00 40.63 Large 24ANB136 35.00 35.00 47.44 Large 24ANB148 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 Medium 24ANB724 31.19 31.19 36.38 Large 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.56 Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 40. | Mini | 24VNA925 | 23.13 | 23.13 | 38.44 |
| Medium 24VNA948 31.19 31.19 39.75 Large 24VNA949 35.00 35.00 44.00 Medium 24VNA960 31.19 31.19 43.19 Large 24ANB124 35.00 35.00 40.63 Large 24ANB136 35.00 35.00 47.44 Large 24ANB148 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 Medium 24ANB724 31.19 31.19 36.38 Large 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Medium 24ANB760 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.05 Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30. | Mini | 24VNA936 | 23.13 | 23.13 | 38.44 |
| Large 24VNA949 35.00 35.00 44.00 Medium 24VNA960 31.19 31.19 43.19 Large 24ANB124 35.00 35.00 40.63 Large 24ANB136 35.00 35.00 47.44 Large 24ANB148 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 Medium 24ANB724 31.19 31.19 36.38 Medium 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Medium 24ANB6760 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.05 Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40 | Medium | 24VNA937 | 31.19 | 31,19 | 39.75 |
| Medium 24VNA960 31.19 31.19 43.19 Large 24ANB124 35.00 35.00 40.63 Large 24ANB136 35.00 35.00 47.44 Large 24ANB148 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 Medium 24ANB724 31.19 31.19 36.38 Medium 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Large 24ANB6760 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.05 Medium 24ANB624 31.19 31.19 32.94 Large 24ANB630 31.19 31.19 32.94 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | Medium | 24VNA948 | 31.19 | 31.19 | 39.75 |
| Large 24ANB124 35.00 35.00 40.63 Large 24ANB136 35.00 35.00 47.44 Large 24ANB148 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 Medium 24ANB724 31.19 31.19 36.38 Medium 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Large 24ANB6760 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.95 Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | Large | 24VNA949 | 35.00 | 35.00 | 44.00 |
| Large 24ANB124 35.00 35.00 40.63 Large 24ANB136 35.00 35.00 47.44 Large 24ANB148 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 Medium 24ANB724 31.19 31.19 36.38 Medium 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Large 24ANB6760 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.95 Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | Medium | 24VNA960 | 31.19 | 31.19 | 43.19 |
| Large 24ANB136 35.00 35.00 47.44 Large 24ANB148 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 Medium 24ANB724 31.19 31.19 36.38 Medium 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Large 24ANB6760 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.05 Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | Large | 24ANB124 | | | 40.63 |
| Large 24ANB148 35.00 35.00 47.44 Large 24ANB160 35.00 35.00 47.44 Medium 24ANB724 31.19 31.19 36.38 Medium 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Large 24ANB760 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.05 Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | | 24ANB136 | 35.00 | 35.00 | 47.44 |
| targe 24ANB160 35.00 35.00 47.44 Medium 24ANB724 31.19 31.19 36.38 Medium 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Large 24ANB760 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.56 Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | | | | | 47.44 |
| Medium 24ANB724 31.19 31.19 36.38 Medium 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Large 24ANB760 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.56 Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | | | 35,00 | 35.00 | 47.44 |
| Medium 24ANB736 31.19 31.19 36.38 Large 24ANB748 35.00 35.00 40.63 Large 24ANB760 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.56 Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | | | | | |
| Large 24ANB748 35.00 35.00 40.63 Large 24ANB760 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.56 Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | | | - | | |
| Large 24ANB760 35.00 35.00 40.63 Medium 24ANB618 31.19 31.19 29.56 Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | - | | | | |
| Medium 24ANB618 31.19 31.19 29.56 Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | - | | | | 40.63 |
| Medium 24ANB624 31.19 31.19 29.05 Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | | | | | 29.56 |
| Medium 24ANB630 31.19 31.19 32.94 Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | | | | | |
| Large 24ANB636 35.00 35.00 30.44 Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | And in case of the last of the | | | THE OWNER OF THE OWNER OWNER OF THE OWNER OW | - |
| Large 24ANB642 35.00 35.00 40.63 Large 24ANB648 35.00 35.00 40.63 | _ | | | - | |
| Large 24ANB648 35.00 35.00 40.63 | The second name of the second name of | | | | |
| | | | | | |
| | | | | | |

| Cabinet | Unit Model | Width (in) | Depth (in) | Height (In) |
|---------|------------|---------------|---------------|----------------|
| Large | 25HCB624 | 35.00 | 35.00 | 39.13 |
| Large | 25HCB636 | 35.00 | 35.00 | 39.13 |
| Large | 25HCB648 | 35.00 | 35.00 | 39.13 |
| Large | 25HCB660 | 35.00 | 35.00 | 45.94 |
| Medium | 25HCC518 | 31.19 | 31.19 | 28.94 |
| Large | 25HCC524 | 35.00 | 35.00 | 32.31 |
| Large | 25HCC530 | 35.00 | 35.00 | 32.31 |
| Large | 25HCC536 | 35.00 | 35.00 | 35.75 |
| Large | 25HCC542 | 35,00 | 35.00 | 28.94 |
| Large | 25HCC548 | 35.00 | 35.00 | 28.94 |
| Large | 25HCC560 | 35.00 | 35.00 | 39.13 |
| Medium | 24ACB724 | 31.19 | 31.19 | 35.75 |
| Medium | 24ACB736 | 31.19 | 31.19 | 35.75 |
| Large | 24ACB748 | 35.00 | 35.00 | 39.13 |
| Large | 24ACB760 | 35.00 | 35.00 | 45.88 |
| Small | 24ACC618 | 25.75 | 26.75 | 28.69 |
| Medium | 24ACC624 | 31 16 | 32 16 | 28.31 |
| Medium | 24ACC630 | 31.19 | 31.19 | 32,31 |
| Large | 24ACC636 | 35.00 | 35.00 | 28.31 |
| Large | 24ACC642 | 35.00 | 35.00 | 39.13 |
| Large | 24ACC648 | 35.00 | 35.00 | 32.31 |
| Large | 24ACC660 | 35.00 | 35.00 | 45.94 |



Note: Image is not to scale and is for illustration purposes only.

Actual units may differ slightly in appearance.

Mini Cabinet Small Cabinet Medium and Large Cabinet Top panel Control

LIMITATIONS & CONDITIONS OF USE:

LIMITATIONS & CONDITIONS OF USE:
Use of this product shall be in strict accordance with bits TER as noted here in
The supporting host structure shall be designed to resist all superimposed loads as determined by others on a site specific basis as may be required by the Authority Having Jurisdiction. Host structure
conditions which are not accounted for in this product's respective anchor schedule shall be designed on a site-specific basis by a registered professional engineer. No evaluation is offered for the host
supporting structure by use of this document; Adjustment factors noted herein and the applicable codes must be considered, where applicable. All supporting components which are permanently installed
shall be profected against corrosion, contamination, and other such damage at all times. Fasteners must penetrate the supporting members such that the full length of the threaded portion is embedded within
the main member. All anchors, screws, straps, clips, and attachment part can be substituted for equivalent parts, as long as the capacities of the equivalent parts are equal or stronger.
This evaluation does not offer any evaluation to meet large missile impact debris requirements which typically are not required for this type of product.
All of the wind resisting exterior panels, Individually meet or exceed their capacity to resist the design wind loads as stated in the calculations as required by the Florida Building Code Fifth Edition (2014).

Pure to the independent and integrated parts and integrated parts and integral children and integrated by with diapharam action of external components and integral of external components and integral titleners, the base until has the capacity.

Due to the indeterminate nature of these units, distortion and deflection cannot be accurately evaluated, but with diaphragm action of external components and internal stiffeners, the base unit has the capacity to withstand these forces with individual external parts being contained. Yearly inspections, during equipment maintenance or after a named storm; all screws, cabinet components, clips, anchor, bolts, straps and cables are to be verified by the A/C contractor. All damaged cabinet components, loose, corroded, broken screws or anchor bolts shall be replaced to ensure structural integrity for humicane wind forces