

COASTAL & INLAND HURRICANE HVAC UNIT BRACKET

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PE# 86488 CA# 9885

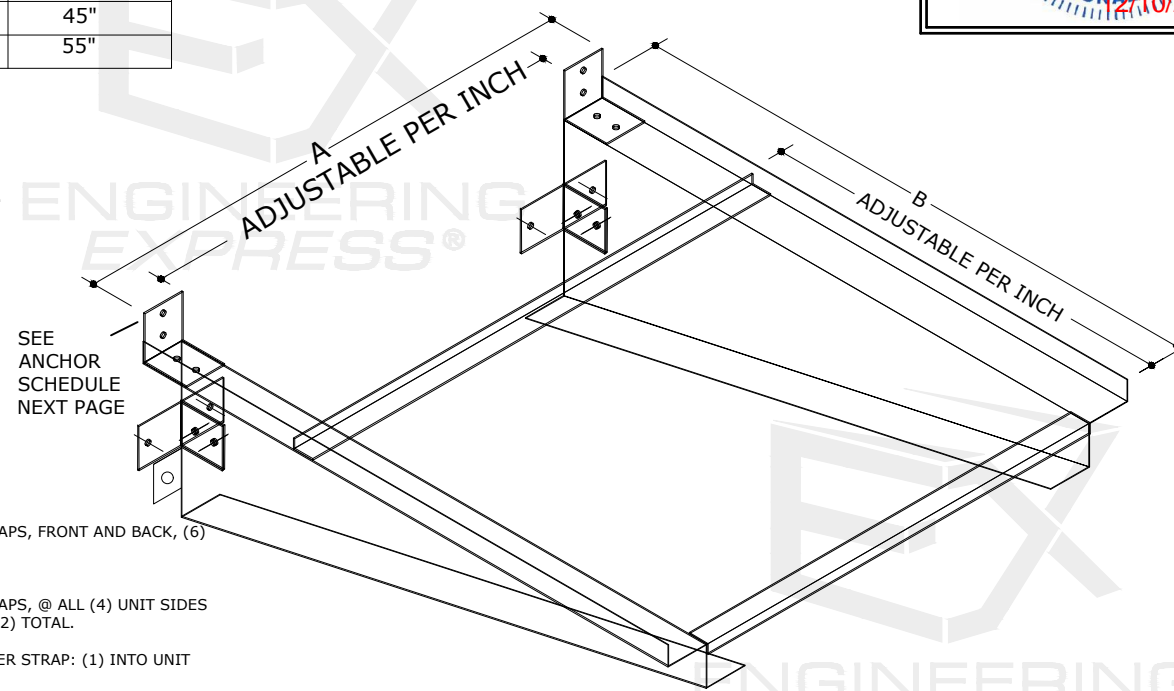
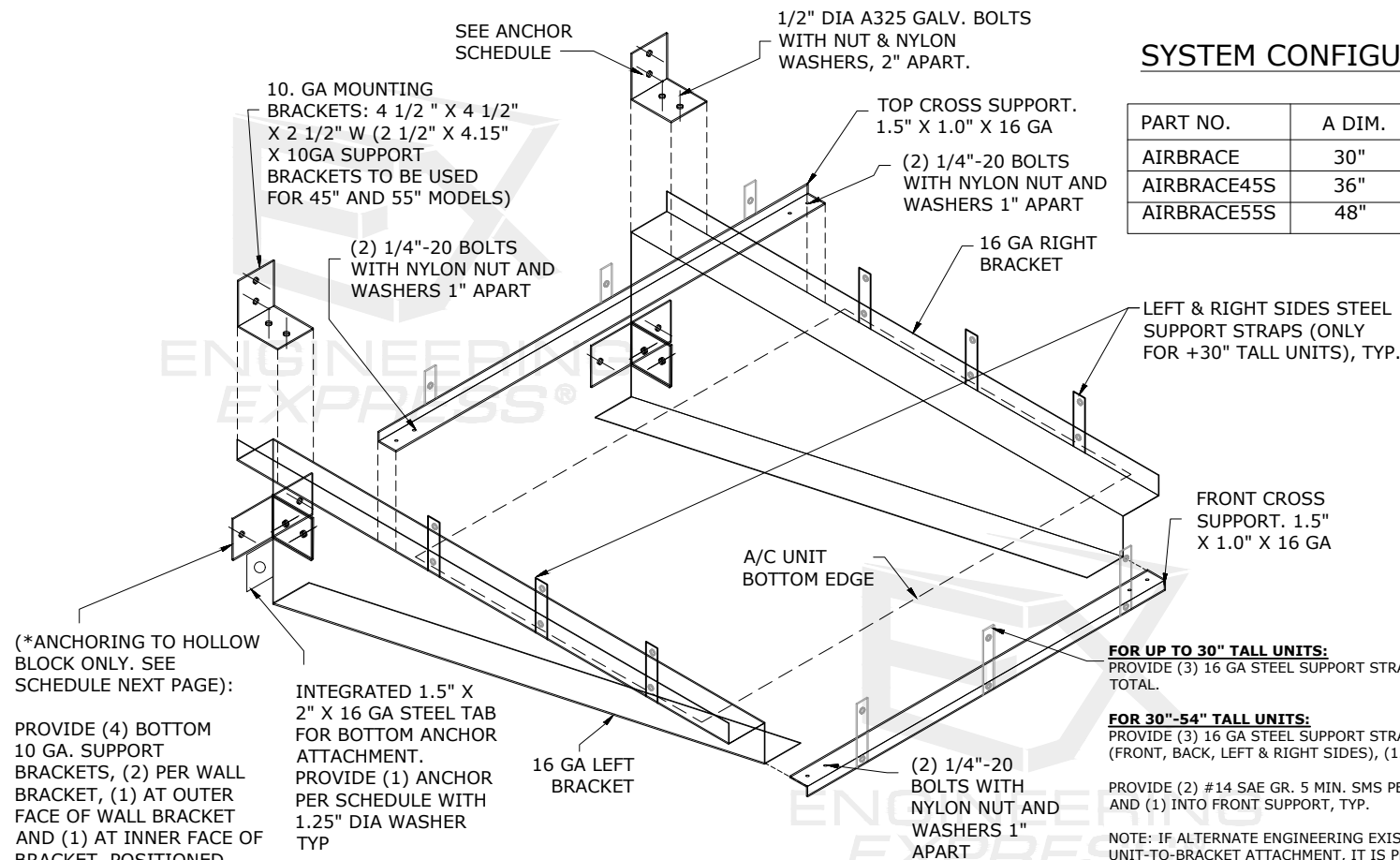
DECEMBER 8, 2025



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SYSTEM CONFIGURATIONS

PART NO.	A DIM.	B DIM. (MAX)
AIRBRACE	30"	36"
AIRBRACE45S	36"	45"
AIRBRACE55S	48"	55"



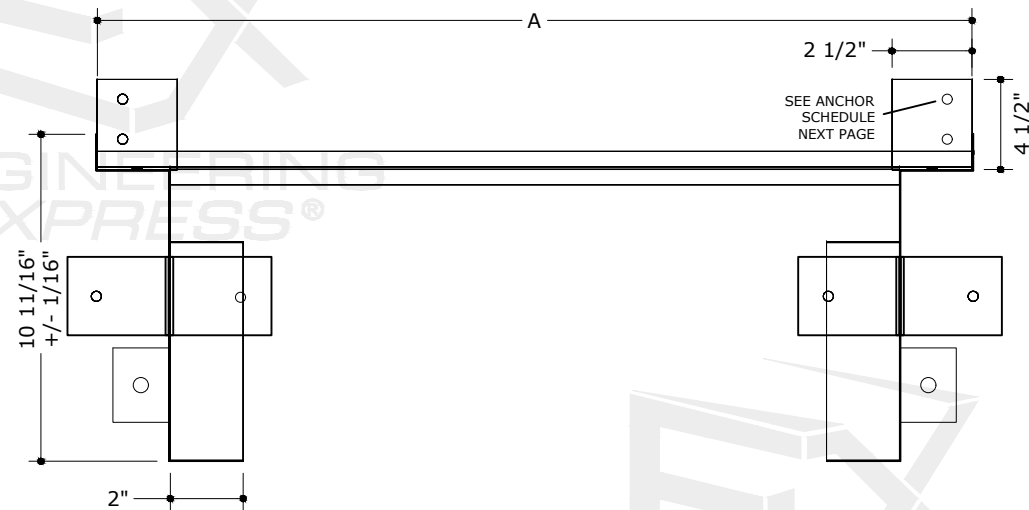
1 HVAC MOUNTING BRACKET
2 SCALE: NTS
EXPLODED VIEW

2 HVAC MOUNTING BRACKET
2 SCALE: NTS
ISOMETRIC VIEW

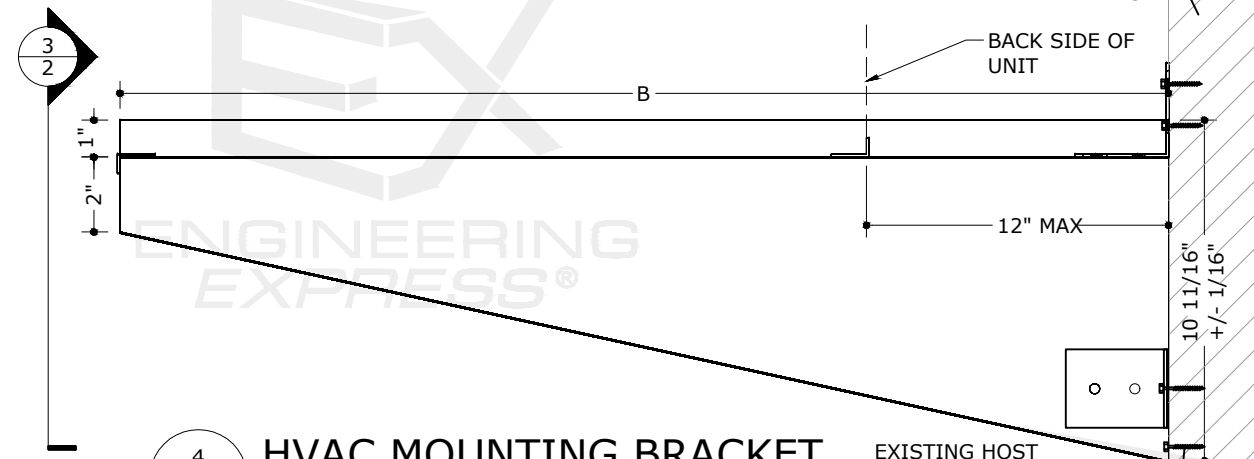
BRACKETS SHALL BE 4-1/2" X 4-1/2" X 2-1/2" W (2-1/2" X 4.15" X 10GA FOR 45" AND 55" WALL BRACKET MODELS).

ATTACH SUPPORT BRACKET TO HOLLOW BLOCK HOST BY OTHERS WITH (1) ANCHOR PER SUPPORT BRACKET, TYP. SEE ANCHOR SCHEDULE NEXT PAGE.

ATTACH SUPPORT BRACKETS TOGETHER THROUGH THE WALL BRACKET WITH (2) 1/2" DIA A325 GALV. BOLTS WITH NUT & NYLON WASHERS, 2" APART, TYP.



3 HVAC MOUNTING BRACKET
2 SCALE: NTS
FRONT ELEVATION



4 HVAC MOUNTING BRACKET
2 SCALE: NTS
SIDE ELEVATION

EXISTING HOST STRUCTURE, VERIFIED BY OTHERS. SEE SCHEDULE FOR OPTIONS

SEE SCHEDULE NEXT PAGE.

EMBEDMENT LISTED IS TO BE INTO SUBSTRATE LISTED & DOES NOT INCLUDE STUCCO OR FINISHES.

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COASTAL AND INLAND HURRICANE HVAC UNIT BRACKET
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
FLORIDA STATEWIDE APPROVAL (FSA)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	EPR	RWN	06/10/25
REV. (ORDER 21152)	EPR	RWN	12/15/25

23-67540

SCALE: NTS UNLESS NOTED

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ALLOWABLE (ASD) DESIGN PRESSURE & ANCHOR SCHEDULE:

AIRBRACE36S MAXIMUM ALLOWABLE (ASD) WIND PRESSURE, psf						
MAX. UNIT DIMENSION [WXDXH], in	ALLOWABLE UNIT NET WEIGHT RANGE, lb	F'M=1.5 KSI MIN., ASTM C90 HOLLOW CONCRETE BLOCK	F'M=1.5KSI MIN., ASTM C90 GROUT-FILLED CONCRETE BLOCK	F'C=3KSI MIN, NORMAL-WEIGHT UNCRACKED CONCRETE	1/8" THICK IMN, ASTM A36 MIN. GALV. STEEL	G=0.55 MIN. WOOD
26X26X26	50 - 250	± 40	± 65	± 65	± 65	± 65
30x30x30		± 40	± 65	± 65	± 65	± 65
30x30x36		± 40	± 65	± 65	± 65	± 65
30x30x42		± 40	± 65	± 65	± 65	± 65
28x26x30		± 40	± 65	± 65	± 65	± 65
28x26x36		± 40	± 65	± 65	± 65	± 65
28x26x42		± 40	± 65	± 65	± 65	± 65
AIRBRACE45S MAXIMUM ALLOWABLE (ASD) WIND PRESSURE, psf						
MAX. UNIT DIMENSION [WXDXH], in	ALLOWABLE UNIT NET WEIGHT RANGE, lb	F'M=1.5 KSI MIN., ASTM C90 HOLLOW CONCRETE BLOCK	F'M=1.5KSI MIN., ASTM C90 GROUT-FILLED CONCRETE BLOCK	F'C=3KSI MIN, NORMAL-WEIGHT UNCRACKED CONCRETE	1/8" THICK IMN, ASTM A36 MIN. GALV. STEEL	G=0.55 MIN. WOOD
36x36x30	50 - 300 (FOR HOLLOW CMU)	± 40	± 65	± 65	± 65	± 65
36x36x36		± 40	± 65	± 65	± 65	± 65
36x36x42		± 35	± 65	± 65	± 65	± 65
36x36x54	50 - 375 (FOR OTHER HOST MATERIAL OPTIONS)	± 35	± 65	± 65	± 65	± 65
37x34x30		± 40	± 65	± 65	± 65	± 65
37x34x36		± 40	± 65	± 65	± 65	± 65
37x34x42		± 35	± 65	± 65	± 65	± 65
37x34x54		± 35	± 65	± 65	± 65	± 65
AIRBRACE55S MAXIMUM ALLOWABLE (ASD) WIND PRESSURE, psf						
MAX. UNIT DIMENSION [WXDXH], in	ALLOWABLE UNIT NET WEIGHT RANGE, lb	F'M=1.5 KSI MIN., ASTM C90 HOLLOW CONCRETE BLOCK	F'M=1.5KSI MIN., ASTM C90 GROUT-FILLED CONCRETE BLOCK	F'C=3KSI MIN, NORMAL-WEIGHT UNCRACKED CONCRETE	1/8" THICK IMN, ASTM A36 MIN. GALV. STEEL	G=0.55 MIN. WOOD
48x48x30	50 - 300 (FOR HOLLOW CMU)	± 35	± 65	± 65	± 65	± 65
48x48x36		± 35	± 65	± 65	± 65	± 65
48x48x42		± 35	± 65	± 65	± 65	± 65
48x48x48		± 35	± 65	± 65	± 65	± 65
48x48x54		± 35	± 65	± 65	± 65	± 65
46x43x30	50 - 425 (FOR OTHER HOST MATERIAL OPTIONS)	± 35	± 65	± 65	± 65	± 65
46x43x36		± 35	± 65	± 65	± 65	± 65
46x43x42		± 35	± 65	± 65	± 65	± 65
46x43x48		± 35	± 65	± 65	± 65	± 65
46x43x54		± 35	± 65	± 65	± 65	± 65

ANCHORING DIRECTIVE:

- HOLLOW BLOCK: PROVIDE (5) ANCHORS PER WALL BRACKET: (2) AT THE TOP SUPPORT BRACKET, (2) AT THE BOTTOM SUPPORT BRACKETS, AND (1) AT THE BOTTOM INTEGRATED TAB. HOLLOW BLOCK ANCHORS SHALL BE: 5/16" Ø DEWALT ULTRACON SCREW ANCHORS WITH 1-1/4" EMBED., 1-7/8" MIN. SPACING, AND 3-1/8" MIN. EDGE DIST. TO ANY EDGE/END OF THE HOLLOW BLOCK HOST STRUCTURE.
- GROUT-FILLED CONCRETE BLOCK: PROVIDE (2) ANCHORS PER WALL BRACKET: (1) AT THE TOP SUPPORT BRACKET, AND (1) AT THE BOTTOM INTEGRATED TAB. ANCHORS SHALL BE: 1/2" Ø DEWALT SCREW-BOLT+ WITH 4" EMBED AND 12" MIN. EDGE DIST., TYP.
- CONCRETE: PROVIDE (2) ANCHORS PER WALL BRACKET: (1) AT THE TOP SUPPORT BRACKET, AND (1) AT THE BOTTOM INTEGRATED TAB. ANCHORS SHALL BE: 1/2" Ø DEWALT SCREW-BOLT+ WITH 3.5" EMBED AND 8" MIN. EDGE DIST., TYP.
- STEEL: PROVIDE (3) ANCHORS PER WALL BRACKET: (2) AT THE TOP SUPPORT BRACKET, AND (1) AT THE BOTTOM INTEGRATED TAB. ANCHORS SHALL BE 1/2" Ø SAE GR 5 UNC BOLTS.
- WOOD: PROVIDE (3) ANCHORS PER WALL BRACKET: (2) AT THE TOP SUPPORT BRACKET, AND (1) AT THE BOTTOM INTEGRATED TAB. ANCHORS SHALL BE 1/2" Ø LAG SCREWS WITH 2.5" MIN. THREAD PENETRATION & 3/4" MIN. EDGE DIST., TYP.

EMBED. SHALL BE THE FULL EMBEDMENT INTO THE HOLLOW BLOCK; EMBEDMENT DEPTH DOES NOT INCLUDE THICKNESS OF ANY WOOD BUCKS, STUCCO, OR FINISHES. HOST STRUCTURE INTEGRITY SHALL BE BY OTHERS. SEE SCHEDULE FOR HOST STRUCTURE MINIMUM SPECIFICATIONS, TYP.

THIS MOUNTING BRACKET SYSTEM IS CERTIFIED ONLY FOR ATTACHMENTS TO THE SIDE OF BUILDINGS, NOT FOR ROOFTOP CONDITIONS OR INSTALLATIONS. THIS PRODUCT IS NOT APPROVED FOR MISSILE IMPACT UNDER ANY CIRCUMSTANCE.

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