

DATE 4/07/2024		ORDER # _____	
DRAWING SCALE NTS		REF. 21138-3	
DRAWING NUMBER 24008-3	SHEET # 1 OF 1	DWG SIZE B	REVISION 0

Design Pressures complying to FBC Building 1620.6 (HVHZ):  
 $V = 186$  mph (Risk Cat. III), For Exp. Cat. "D" and  $Z = 65$  ft,  $K_z = 1.33$ ,  $K_{zt} = 1.0$ ,  $K_d = 0.85$   
 $q = .00256 K_z K_{zt} K_d V^2 = 100.12$  lb/ft<sup>2</sup>  
 Using 1620.6,  
 Lateral Wind Pressure =  $W_L = q_z(1.9) = 190.2$  lb/ft<sup>2</sup>  
 Uplift Wind Pressure =  $U_L = q_x(1.5) = 150.2$  lb/ft<sup>2</sup>

Positive pressure acts toward the surface being considered and negative pressure acts away, only the negative pressure will remove a panel from the machine.

### Components and Cladding:

OK for Components and Cladding

OK for Components and Cladding

OK for Components and Cladding

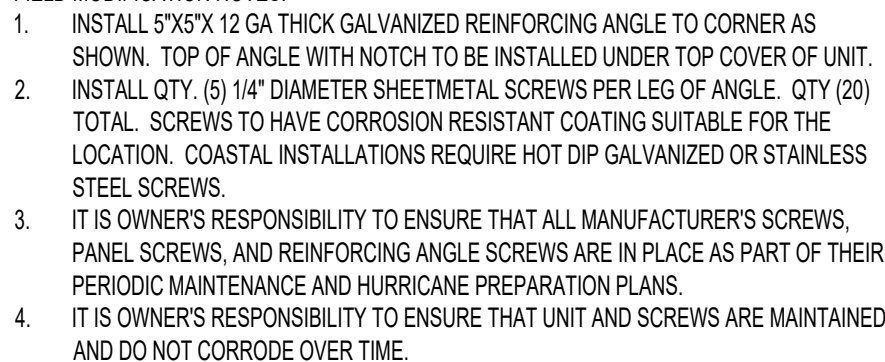
OK for components and cladding

OK for components and cladding

OK for components and cladding

Unit with Field Modifications shown below and all manufacturer's screws properly installed will withstand wind loads imposed by the design conditions and satisfy Miami-Dade BORA interpretation of 2018.

See drawing 24008-3 for Tie-down details.



ENGINEER:

DIGITAL SEAL EMBLEM ON  
PAGE 1. NOT NEEDED HERE  
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Samuel Martin, PE, State of  
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PROJECT NAME:

CARRIER CONDENSING  
UNITS - CHASSIS 7A  
38AUD,AUZ,AUQ SIZE 25,28  
38AXD,AXZ,AXQ SIZE 25,28

DRAWING TITLE
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## MIAMI-DADE BORA 2018 EQUIPMENT ANALYSIS DETAILS

DATE 4/07/2024		ORDER #	
DRAWING SCALE NTS		REF. 2113	
DRAWING NUMBER 24008-3A	SHEET # 1 OF 1	DWG SIZE B	REV