



BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

Ventrol Air Handling Systems, Inc.
9100 Rue du Parcours
Anjou, Quebec, Canada H1J 2Z1

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County BNC-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BNC reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Ventrol Series "ITF" Air Handling Unit

APPROVAL DOCUMENT: Drawing No. 5019, titled " Ventrol Series "ITF" Air Handling Unit ", sheets 1 through 5 of 5, prepared by Ventrol Air handling Systems, Inc., dated December 29, 2010, signed and sealed by John D. Winslow, P.E., on May 05, 2011 bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA # 05-0411.02 and consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



Helmy A. Makar
06/09/2011

NOA No. 10-1210.01
Expiration Date: 12/29/2015
Approval Date: 06/09/2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #05-0411.02

A. DRAWINGS

1. *Drawing No. 5019, titled " Ventrol Series "ITF" Air Handling Unit ", sheets 1 through 5 of 5, prepared by Ventrol Air handling Systems, Inc., dated September 30, 2005, signed and sealed by John D. Winslow, P.E.*

B. TESTS

1. *Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94; 2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94; 3) Water Resistance Test, per SFBC, PA 202-94; 4) Large Missile Impact Test per SFBC, PA 201-94; 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94 along with marked-up drawings and installation diagram of Ventrol Series "ITF" Air Handling Unit, prepared by Intertek ETL Semko, Test Report No. 3067168, dated March 16, 2005, signed and sealed by Stephen J. Emerman, P.E.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *Tensile test report prepared by Intertek ETL Semko, Test Report No. 3067168, dated March 16, 2005, signed and sealed by Stephen J. Emerman, P.E.*

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 5019, titled " Ventrol Series "ITF" Air Handling Unit ", sheets 1 through 5 of 5, prepared by Ventrol Air handling Systems, Inc., dated December 29, 2010, signed and sealed by John D. Winslow, P.E., on May 05, 2011.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building and Neighborhood Compliance Department.*

E. MATERIAL CERTIFICATIONS

1. *None.*

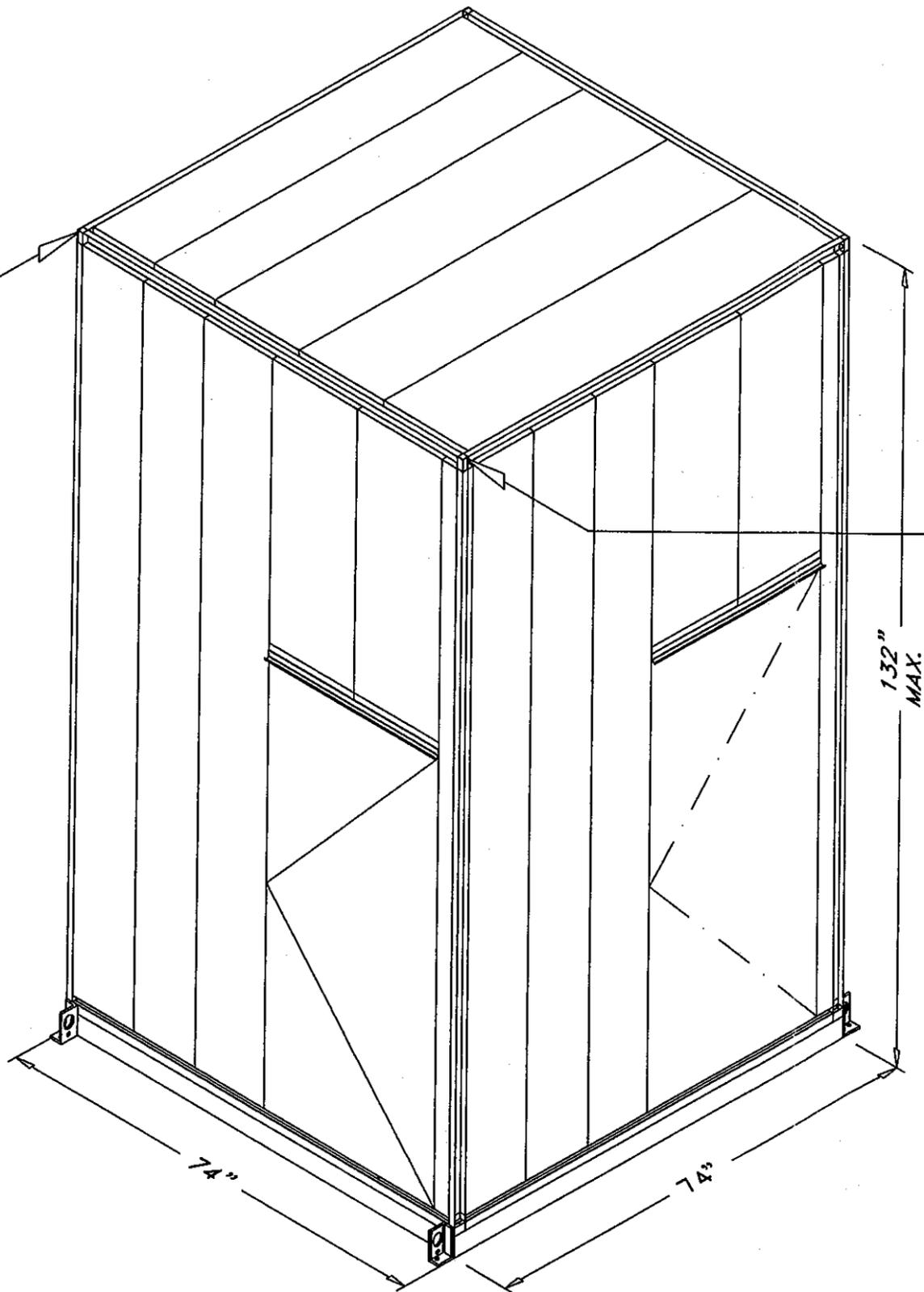
F. OTHERS

1. *Distributor Agreement, dated may 09, 2011.*



Helmy A. Makar, P.E., M.S.
BNC, Product Control Unit Supervisor
NOA No. 10-1210.01
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Approval Date: 06/09/2011

ALLOWABLE
RACKING LOAD
17.89 LBS / LIN.IN.



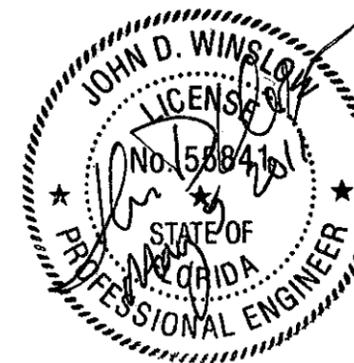
ALLOWABLE
RACKING LOAD
17.89 LBS / LIN.IN.

132"
MAX.

74"

74"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 10-1210.01
Expiration Date 12/29/2015
By *John D. Winslow*
Miami Dade Product Control



MAXIMUM DESIGN PRESSURE
WALL: +60 PSF / -60 PSF
ROOF: +45 PSF / -45 PSF

MAX. SIZES FOR PANELS
1-PANEL ADJACENT TO ANY ACCESS
DOOR 13" X 124"
2-ANY OTHER PANEL 16" X 124"

FASTENERS
PANELS SECURED TO THE
STEEL RAILS WITH #12 HEX HEAD,
ZINC PLATED, FASTENERS AND
NEOPRENE WASHERS, SELF-TAPPING
12" O.C. (MAX.) UNLESS OTHERWISE
SPECIFIED.
STAINLESS STEEL FASTENERS OPTIONAL

CONSTRUCTION DETAILS
(SEE DETAILS SHEET 2 OF 5)

WALL ASSEMBLY
(SEE DETAILS SHEET 3 OF 5)

ACCESS DOORS
(SEE DETAILS SHEET 4 OF 5)

UNIT BASE
(SEE DETAILS SHEET 5 OF 5)

**COMPLIES WITH FLORIDA BUILDING
CODE 2007 EDITION**

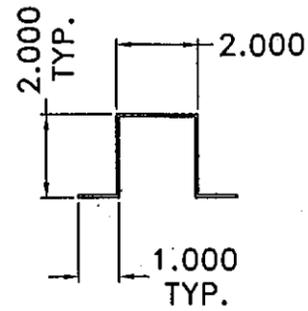
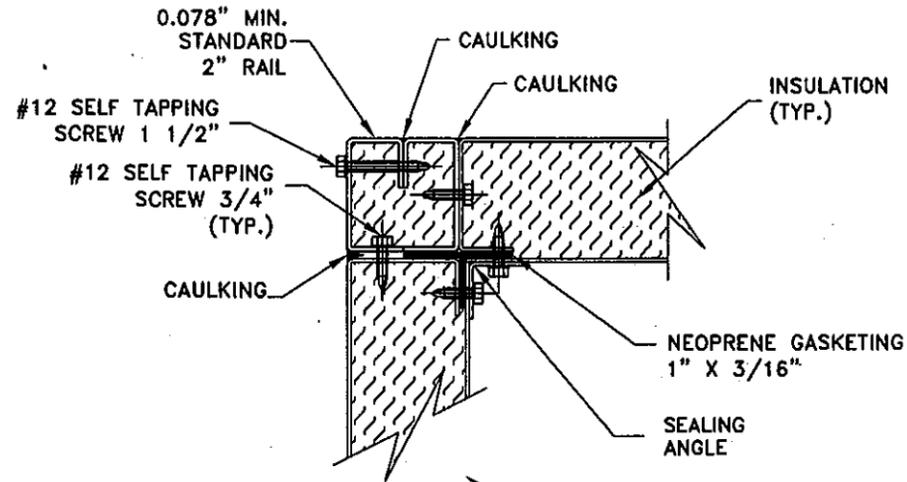
Ventrol Air Handling Systems Inc. Systèmes de traitement d'air Inc.		TITLE / TITRE: VENTROL SERIES ITF AIR HANDLING UNIT	
PROJECT # / NO. PROJET:		DWG. # / NO. DESSIN: 5019	
REV.	ECD NO. DCI NO.	DESCRIPTION	REV. BY APP. BY DATE
			B.N. 12/29/2010 NTS 05
LOCATION / LOCALISATION:		PAGE: 1 OF 5	

REV.	ECD NO. DCI NO.	DESCRIPTION	REV. BY	APP. BY	DATE
		VERIFICATION TABLE / TABLE DE VERIFICATION			

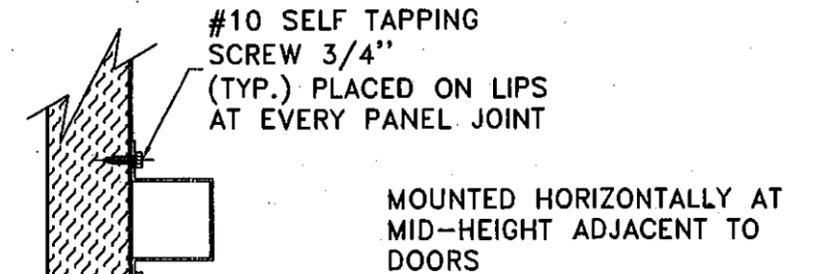
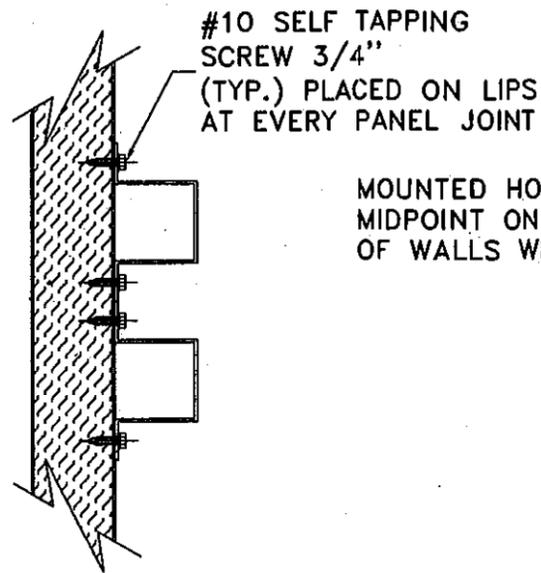
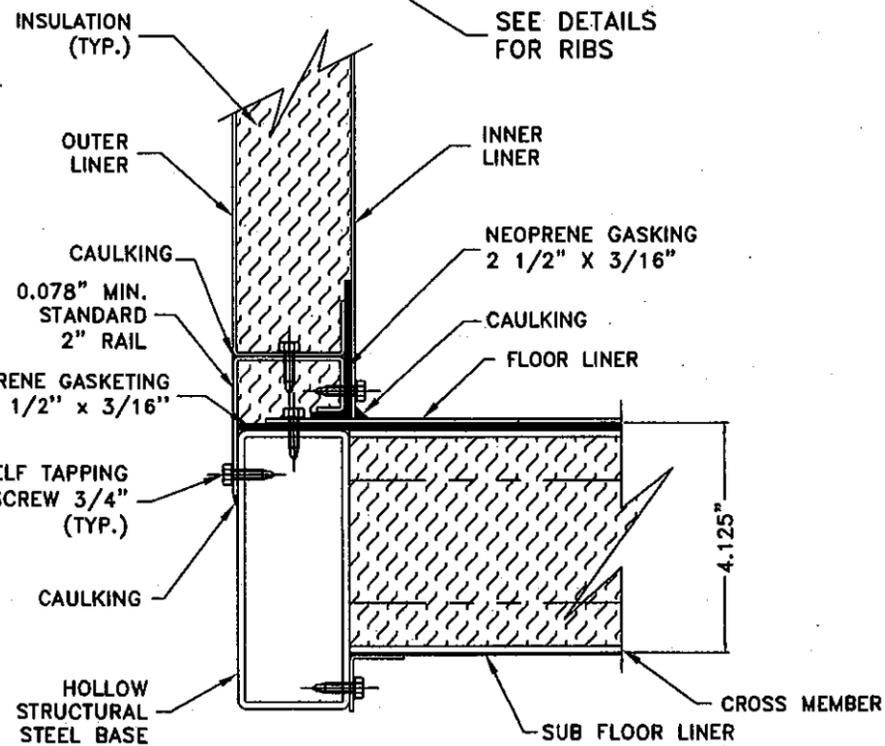
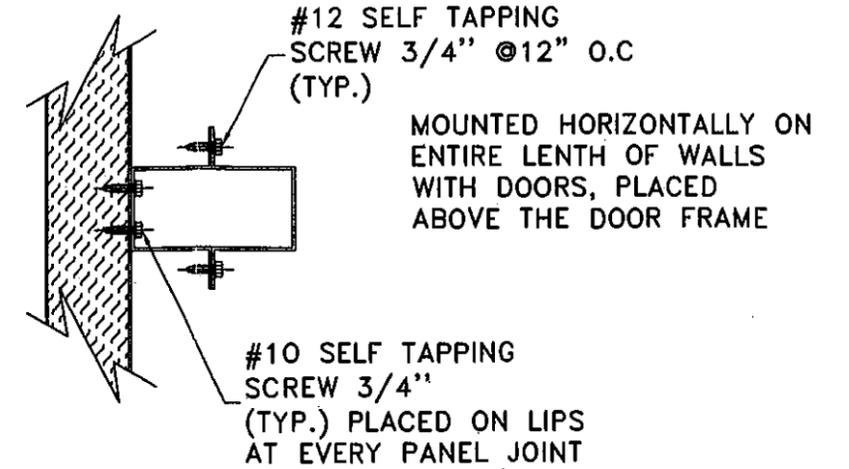
LES PLANS, SPECIFICATIONS ET DONNEES TECHNIQUES, SOUMIS ET JOINTS, OU QUI PEUVENT ETRE SOUMIS, RESTENT LA PROPRIETE DE SYSTEMES DE TRAITEMENT D'AIR VENTROL INC ET NE DOIVENT PAS ETRE REPRODUITS, OU ALTERES OU UTILISES TOTALEMENT OU PARTIELLEMENT EN TANT QUE BASE POUR FABRICATION SANS LE CONSENTEMENT EXPRES DE SYSTEMES DE TRAITEMENT D'AIR VENTROL INC. LES REVELATIONS ICI SONT PROTEGEES PAR DES BREVETS EMIS OU EN SUSPENS.

PLANS, SPECIFICATIONS AND ENGINEERING DATA SUBMITTED HERewith OR WHICH MAY BE SUBMITTED, REMAIN THE PROPERTY OF VENTROL AIR HANDLING SYSTEMS INC. AND SHALL NOT BE REPRODUCED OR ALTERED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE WITHOUT EXPRESS CONSENT OF VENTROL AIR HANDLING SYSTEMS INC. DISCLOSURES SHOWN HEREON ARE COVERED BY PATENTS ISSUED OR PENDING.

REINFORCING RIBS

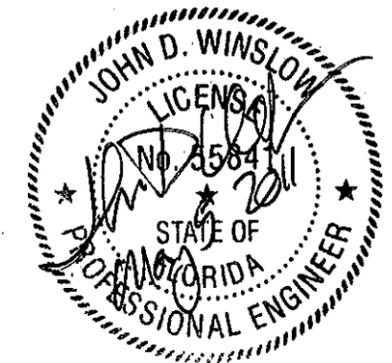
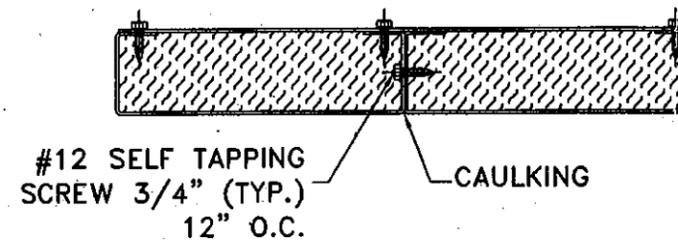


COMPOSED OF "HAT SHAPES",
 16 ga (0.063) G90 GALV. STEEL
 2" HIGH AND 4" WIDE



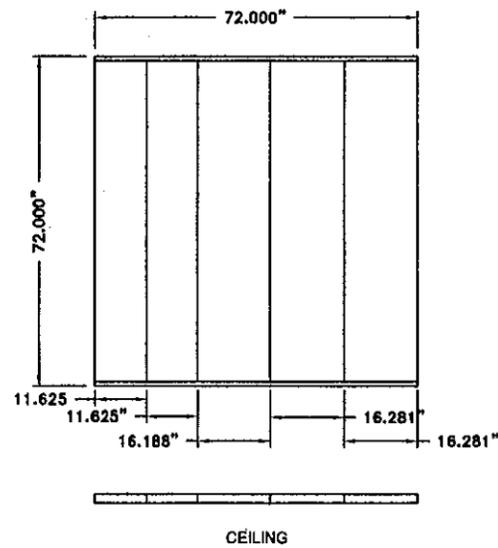
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 10-1210.01
 Expiration Date 12/29/2015
 By *Heather A. Walker*
 Miami Data Product Control

PANEL CONNECTION

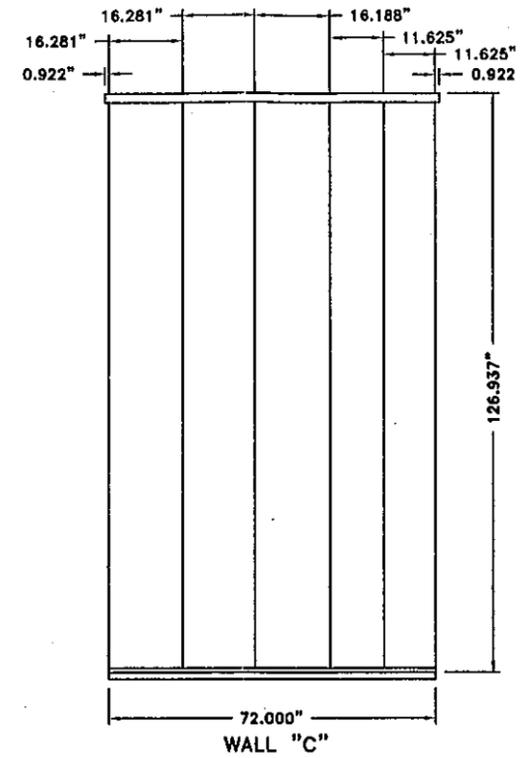
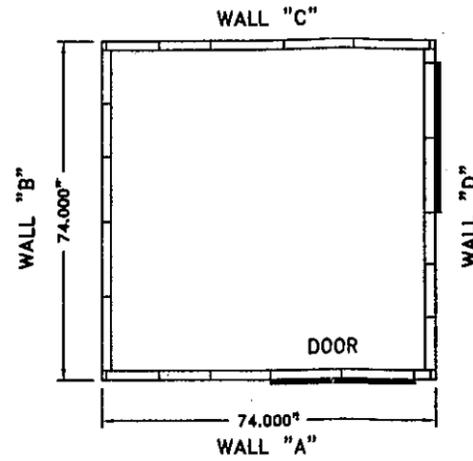


- 1-DOUBLEWALL THICKNESS CAN BE FROM 2 TO 4 INCHES. THE SEMI-RIGID BLANKET-TYPE FIBERGLASS INSULATION HAS THERMAL AND ACOUSTICAL PROPERTIES THAT MEET OR EXCEED A 3 POUND DENSITY RATING. THE DUAL-DENSITY MATERIAL MEETS THE EROSION REQUIREMENTS UL 181 FACING THE AIRSTREAM AND A FIRE HAZARD CLASSIFICATION OF 25 / 50 (PER ASTM E 84 AND UL 723).
- 2-STANDARD INNER LINERS ARE SOLID 0.040" (MIN) ALUMINUM SHEET ALLOY 3003H14, FY=22.5 KSI
 OPTIONAL LINERS INCLUDE 0.050", 0.063", 0.080", 0.100" ALUMINIUM, 0.039", 0.051", 0.059", GALV. STEEL AND 0.039", 0.051", 0.059" STAINLESS STEEL
- 3-STANDARD OUTER PANELS ARE SOLID 0.059" (MIN.) G90 GALV. STEEL SHEET ASTM A653, FY= 53.6 KSI
 OPTIONAL OUTER PANELS INCLUDE 0.071", 0.104" GALV. STEEL AND 0.059", 0.071", 0.104" STAINLESS STEEL
- 4-ALL SCREWS 12" O.C. UNLESS OTHERWISE SPECIFIED.

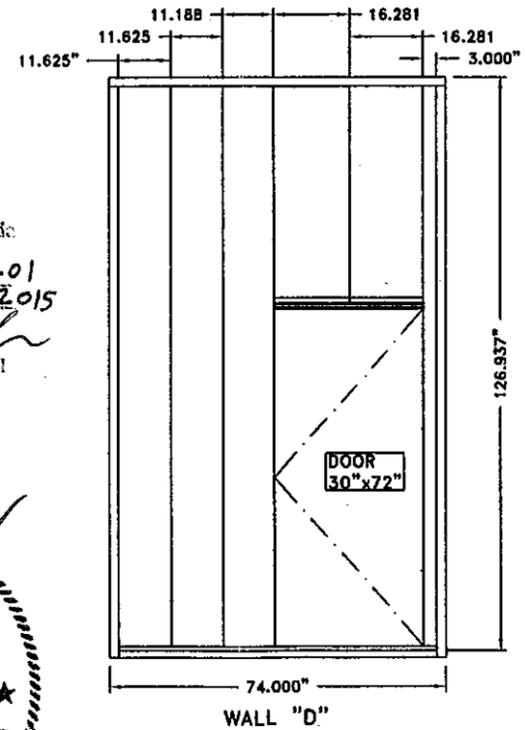
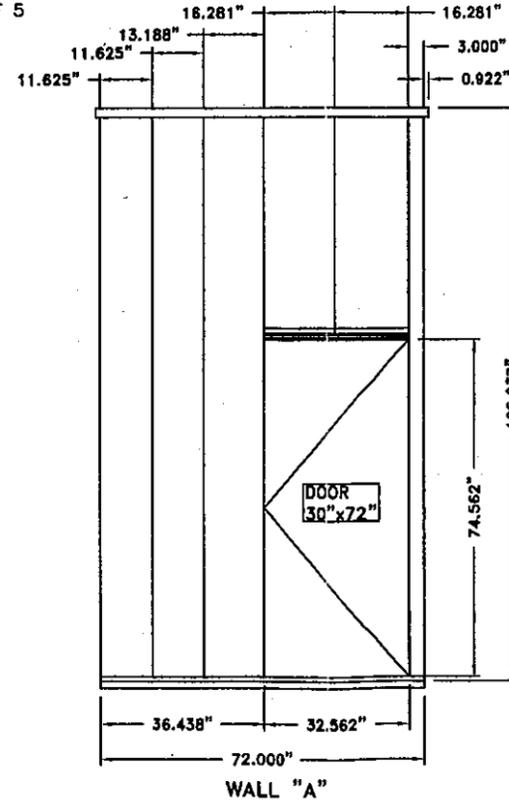
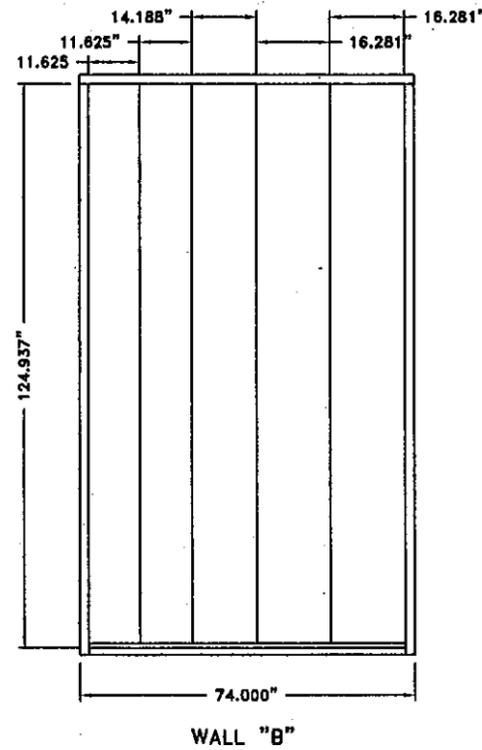
Ventrol Air Handling Systems Inc. Systèmes de traitement d'air Inc.		TITLE / TITRE: VENTROL SERIES ITF AIR HANDLING UNIT	
PROJECT # / NO. PROJET:		DWS # / NO. DESSIN: 5019	
REV.	ECD NO. DCI NO.	DESCRIPTION	REV. BY REV. PAR
			APP. BY APP. PAR
			DATE
DRAWING BY / DESSINE PAR: B.N.		DATE: 12/29/2010	SCALE: NTS
LOCATION / LOCALISATION:		REV. 05	PAGE: 2 OF 5
VERIFICATION TABLE / TABLE DE VERIFICATION			
<small>LES PLANS, SPECIFICATIONS ET DONNEES TECHNIQUES, SOUMIS CI-JOINTS, QUI PEUVENT ETRE SOUMIS, RESTENT LA PROPRIETE DE SYSTEMES DE TRAITEMENT D'AIR VENTROL INC ET NE DOIVENT PAS ETRE REPRODUITS, OU ALTERES OU UTILISES TOTALEMENT OU PARTIELLEMENT EN TANT QUE BASE POUR FABRICATION SANS LE CONSENTEMENT EXPRES DE SYSTEMES DE TRAITEMENT D'AIR VENTROL INC. LES REVELATIONS ICI SONT PROTEGEES PAR DES BREVETS EMIS OU EN SUSPENS.</small>			
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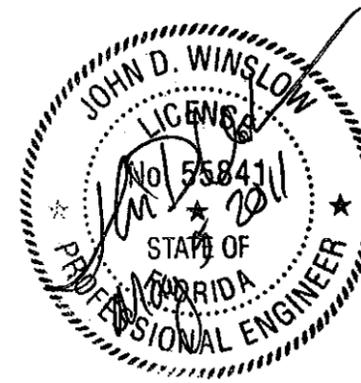
CEILING



LEGEND
 [Symbol] 16 ga GALV EXT. (0.059" MIN)
 [Symbol] 0.040 ALUM INT.
 SEE OPTIONAL MATERIALS
 ON PAGE 2 OF 5



PRODUCT REVISED
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 By *Helmy A. Miller*
 Miami Data Product Control



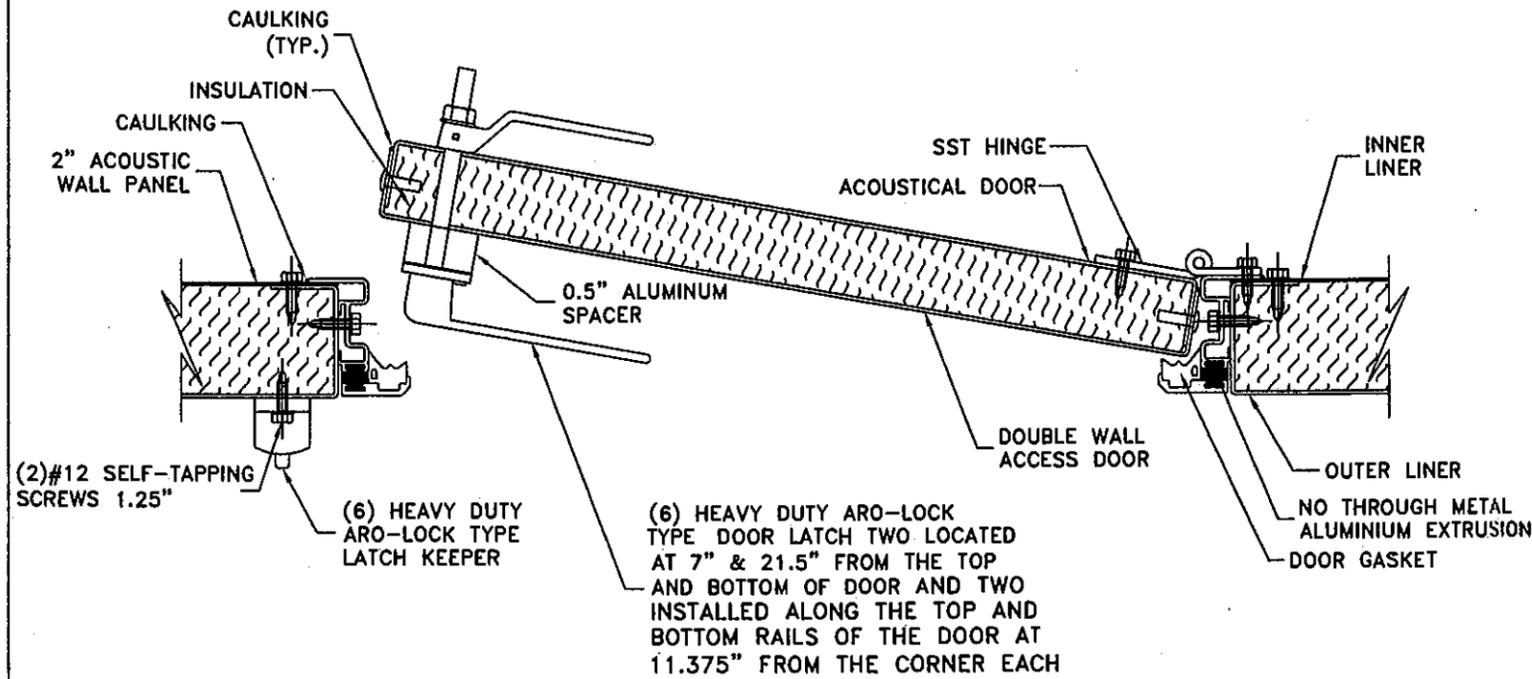
Ventrol TITLE / TITRE:
 Air Handling Systems Inc. VENTROL SERIES ITF
 Systems de traitement d'air inc. AIR HANDLING UNIT

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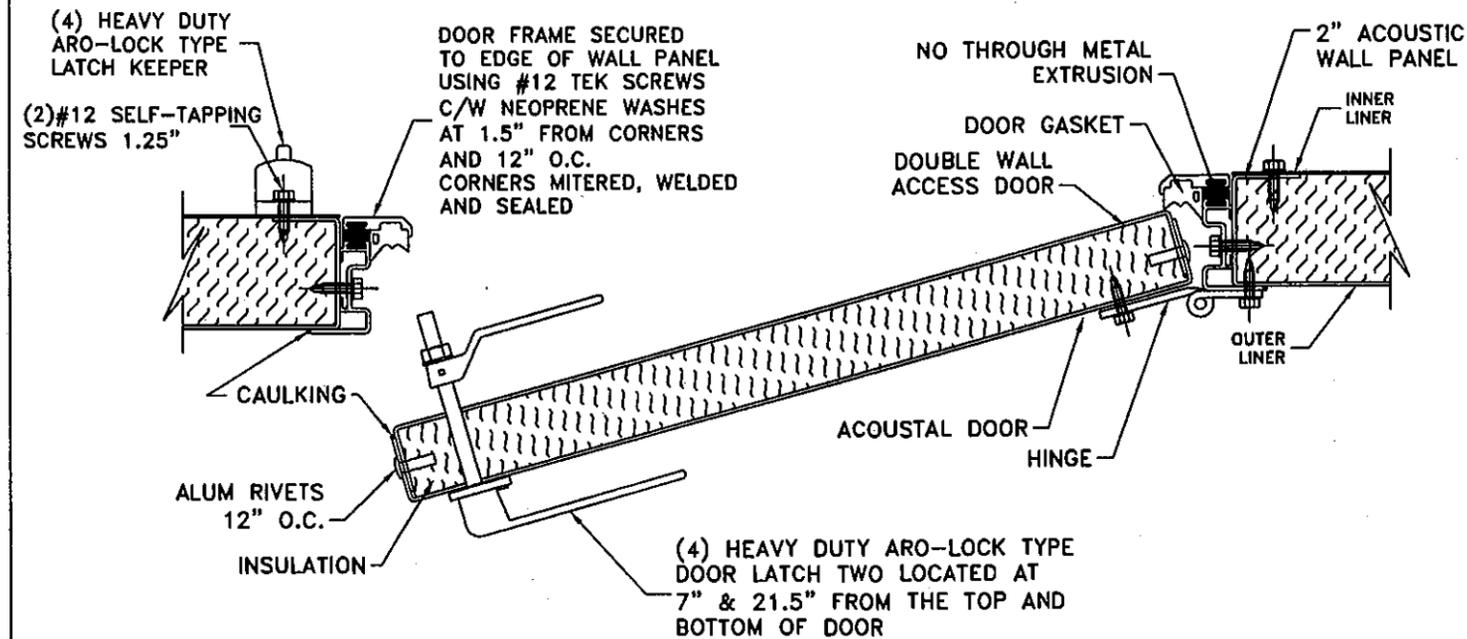
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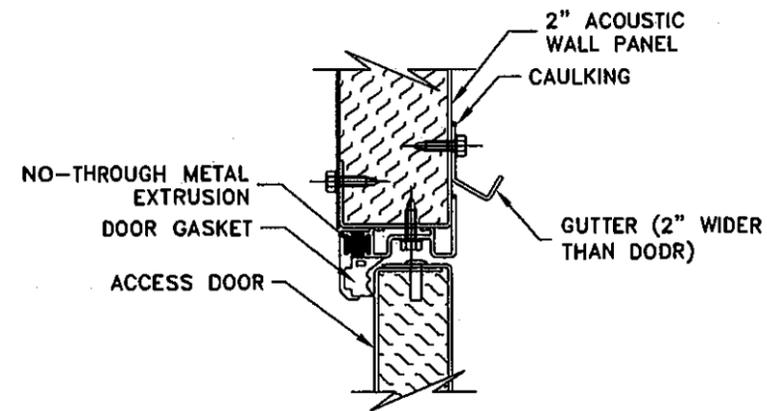
IN-SWING DOOR



OUT-SWING DOOR



RAIN GUTTER DETAIL



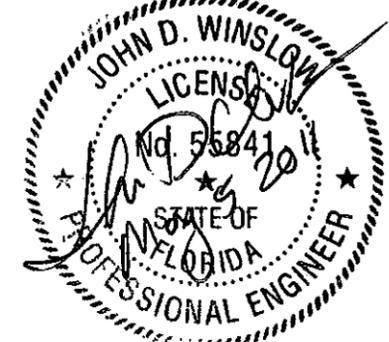
PRODUCT REVISED as complying with the Florida Building Code
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Expiration Date 12/29/2015
By *Helene A. Nelson*
Miami Date Product Control

MAX SIZE DOORS
EXTERIOR SWING DOOR: 30" X 72"
INTERIOR SWING DOOR: 30" X 72"

HANDLES
-HEAVY DUTY ARO-LOCK TYPE HANDLES
-6 HANDLES ON IN-SWING DOOR
-4 HANDLES ON OUT-SWING DOOR

DOOR PANEL
-OUTER PANEL 16 ga (0.063) MIN. G90 GALV. STEEL SAME OPTIONAL MATERIALS AS ON PAGE 2 OF 5
-INNER LINER 0.040 MIN ALUMINUM SHEET SAME OPTIONAL MATERIALS AS ON PAGE 2 OF 5

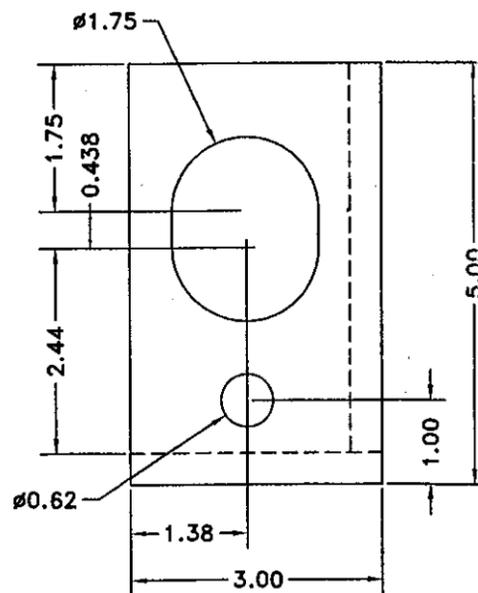
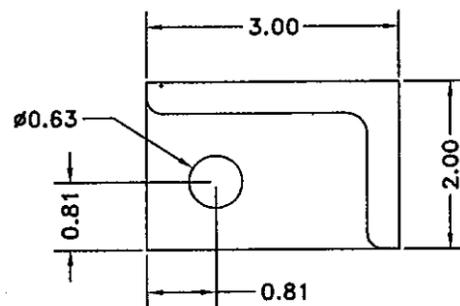
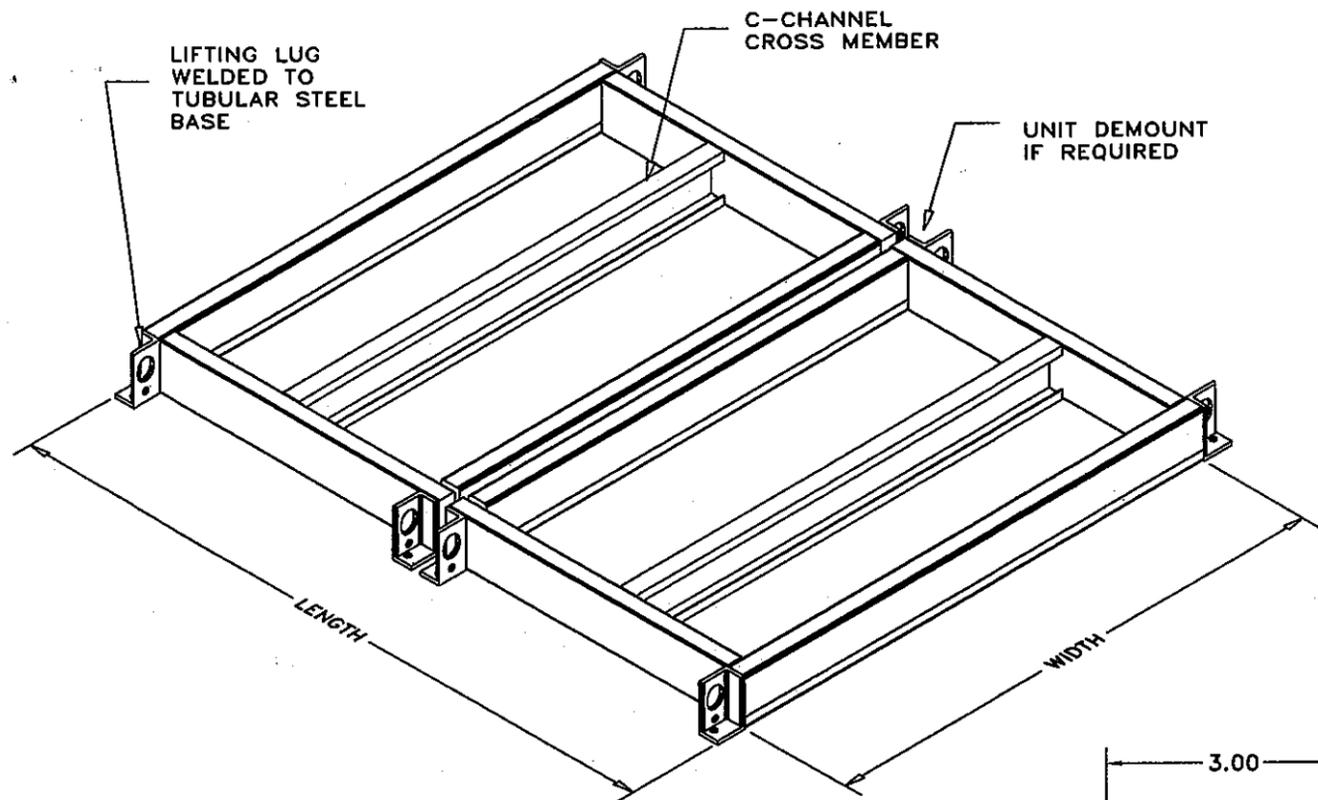
HINGES
HEAVY DUTY STAINLESS STEEL HINGES (3) LOCATED 7.5" FROM THE TOP AND BOTTOM AND ONE LOCATED AT 36.5". EACH HINGE IS SECURED TO THE DOOR USING (3) #12 TEK SCREWS C/W NEOPRENE WASHERS AND TO THE DOOR FRAME USING (2) #12 TEK SCREWS C/W NEOPRENE WASHERS EACH.



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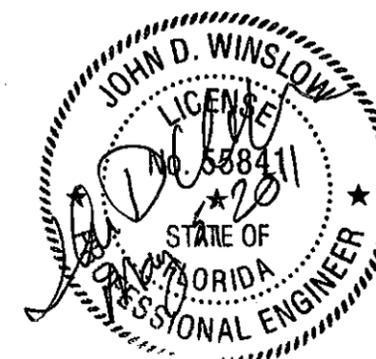
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TYPICAL LIFTING LUG

- 1-ALL JOINTS OF STRUCTURAL MEMBERS ARE CONTINUOUSLY ARC WELDED.
- 2-UNIT BASE SHOWN IS COMPLETELY PRIMED AND PAINTED PRIOR TO FLOOR PANEL ATTACHMENT.
- 3-THE UNIT BASE FRAME PERIMETER IS FULLY WELDED 0.125" (MIN.) THICKNESS STRUCTURAL STEEL TUBING.
- 4-THE UNIT BASE FRAME IS FITTED WITH 18 GA STEEL C-CHANNEL CROSS SUPPORT MEMBERS ON 16" O.C. (MAX.).
- 5-DESIGN AND SIZE OF FRAMEWORK WILL VARY AND THEIR STRUCTURAL ADEQUACY AS WELL AS THAT OF THE SUPPORT AND ATTACHMENT TO THE ROOF ARE NOT PART OF THE SCOPE OF THIS APPROVAL. THIS SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENTS.
- 6-ATTACHMENT TO THE ROOF TO PREVENT SLIDING AND OVERTURNING OF THE AIR HANDLING UNIT IS NOT PART OF THE SCOPE OF THIS PRODUCT APPROVAL. THEY SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT.
- 7-FLOOR MATERIAL: 16 ga (0.063) MIN. G90 GALV. STEEL SHEET.
OPTIONAL MATERIALS INCLUDE 0.071", 0.104" GALV STEEL, 0.063", 0.071", 0.104" STAINLESS STEEL AND 0.125", 0.188" ALUMINIUM TREAD PLATE
- 8-OUTER FLOOR: 20 ga (0.039) MIN. G90 GALV. STEEL SHEET.

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as complying with the Florida
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Acceptance No 10-1210.01
Expiration Date 12/29/2015
By *Helmy H. Wilson*
Miami Date Product Control



Ventrol TITLE / TITRE:
Air Handling Systems Inc. VENTROL SERIES ITF
Systèmes de Traitement d'Air Inc. AIR HANDLING UNIT

REV.	ECD NO. DCI NO.	DESCRIPTION	REV. BY REV. PAR	APP. BY APP. PAR	DATE	DRAWING BY / DESSINE PAR: B.N.	DATE: 12/29/2010	SCECH: NTS	REV. 05
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VERIFICATION TABLE / TABLE DE VERIFICATION

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