

Technical Specifications



CERTIFIED TO CAN/CSA C22.2
No. 60335-2-40:19 / UL 60335-2-40

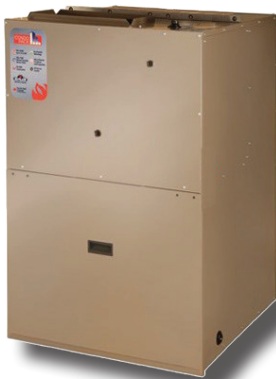


P-E SERIES 11.7SEER2

Electric Heating / Electric Cooling

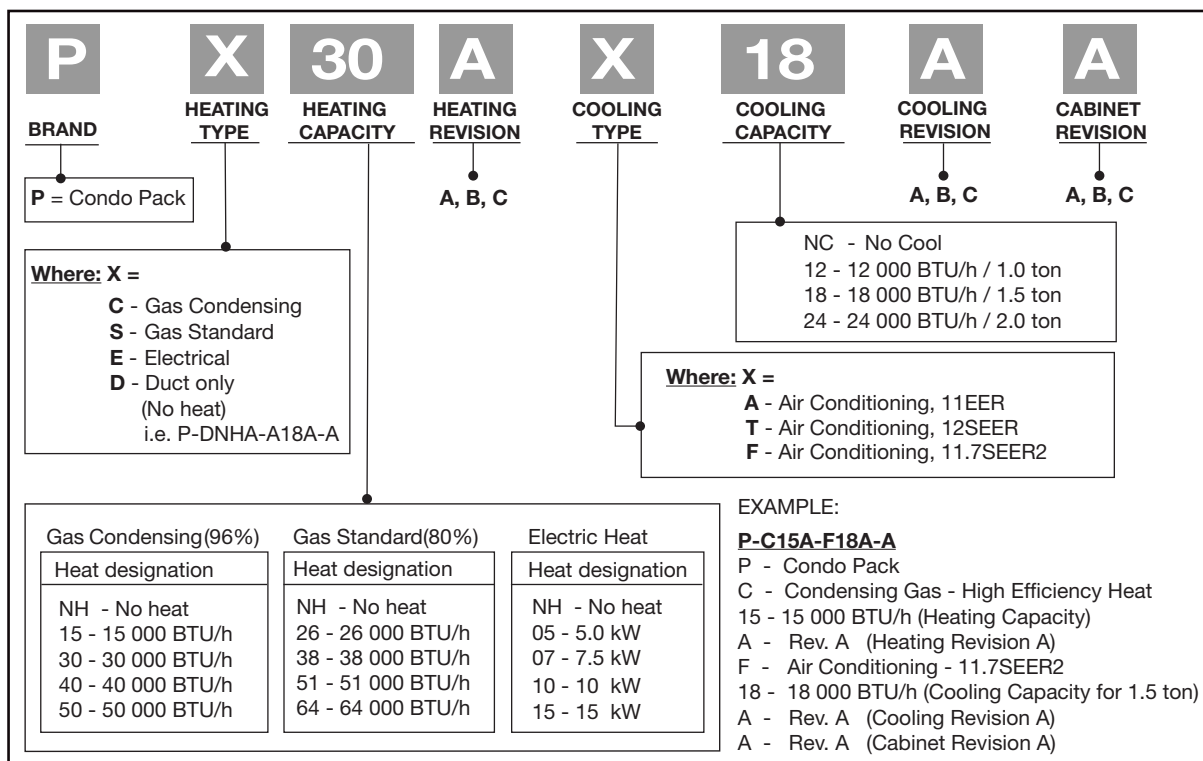
Self contained, high efficiency Thru-The-Wall heating & cooling unit
Heating - 5 kW, 7.5 kW, 10 kW, 15 kW

FEATURES



COMPATIBLE BOX SIZE

- Industry standard footprint for retrofit applications.
- Appliance shell dimensions: 43-1/8" High x 28" Wide x 32" Deep.
- Wall Sleeve dimensions where penetrating exterior wall: 44-7/8" High x 28-7/8" Wide.
- Standard TAUPE color.



PERFORMANCE

TABLE 1.

Model No.	Cooling			Heating			

ELECTRICAL AND PHYSICAL DATA

TABLE 2.

Model No.	Min. Circuit Ampacity		Max. Overcurrent Protection Fuse/Ckt Breaker (A)		Compressor		Outside Fan **				Indoor Blower			Voltage/Hz/Phase	Voltage/Range		
	208V	240V	208V	240V	Comp. Rated Load Amps (RLA)	Comp Locked Rotor Amps (LRA)	Dia	Nominal RPM	Rated Load Amps	Cond Mtr. HP	Wheel Dia x Width	Rated Load Amps	HP				
P-E05A-F12A-A	26.6	30.0	30.0		5.3	29	17-3/4"	1100	0.85	1/4	10 x 6	4.0	1/2	208-230/60/1	197-256		
P-E05A-F18A-A					7.72	39		1120	0.90	1/3							
P-E05A-F24A-A					9.9	46		1380	1.80								

TABLE 4.

Available Motor Speed Taps										
Model No.	Heating Module/ Cooling	Actual Wire Colour	Setting	Speed Tap #		Model No.	Heating Module/ Cooling	Actual Wire Colour	Setting	Speed Tap #
P-E05A-F12A-A	E05A	Red Wire	Factory	5		P-E07A-F12A-A	E07A	Red Wire	Factory	4
			HI	4					HI	3
	F12A	Blue Wire	Factory	1			F12A	Blue Wire	Factory	1
			HI	3					HI	2
	G-continuous fan	Black Wire		2			G-continuous fan	Black Wire		5
P-E05A-F18A-A	E05A	Red Wire	Factory	5		P-E07A-F18A-A	E07A	Red Wire	Factory	4
			HI	4						

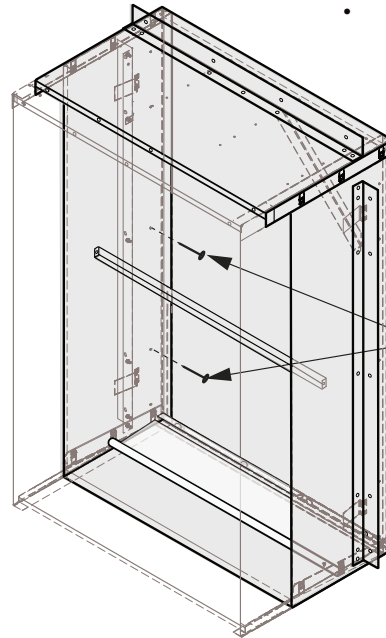
WALL SLEEVE DIMENSIONS

TWO DIFFERENT WALL SLEEVE MODELS ARE DEPICTED BELOW:

NOTE:

TO IMPROVE RIGIDITY AND REDUCTION IN VIBRATION WALL MOUNTING BRACKETS CAN BE USED TO AFFIX WALL SLEEVE TO BUILDING SUB STRUCTURE FROM INSIDE OR OUTSIDE OF THE BUILDING. ENGINEER/ARCHITECT TO CONSULT WITH CUSTOMER SOLUTIONS IF CLARIFICATION IS REQUIRED TO DETERMINE BRACKET LOCATION FOR SETTING THE DESIRED DEPTH OF WALL SLEEVE INTO WALL.

- CWSMUA
- CWSMUA19



WALL SLEEVE IS DIRECTLY LAGGED TO WALL SUBSTRUCTURE.

DIMENSIONS FOR THE TOP PANEL (ITEM 1):

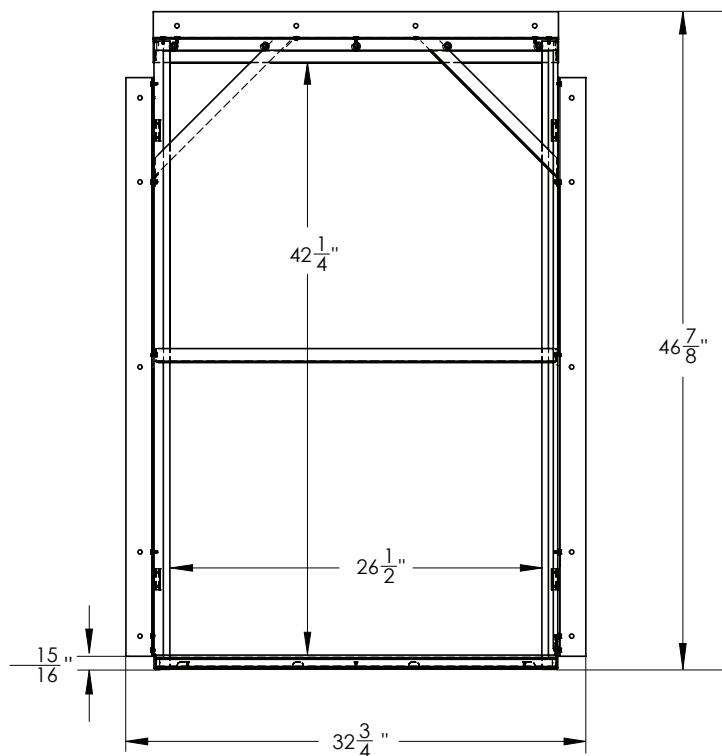
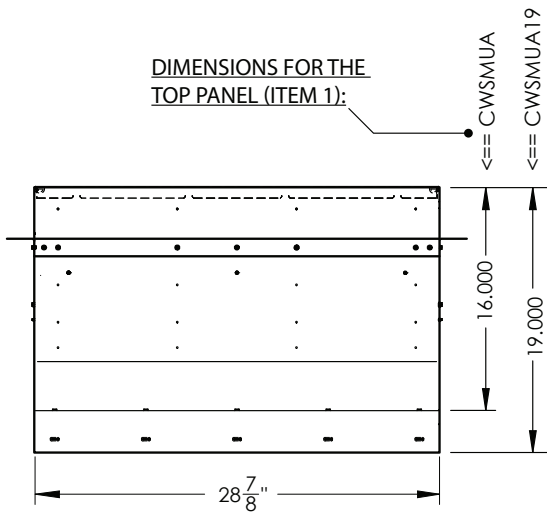
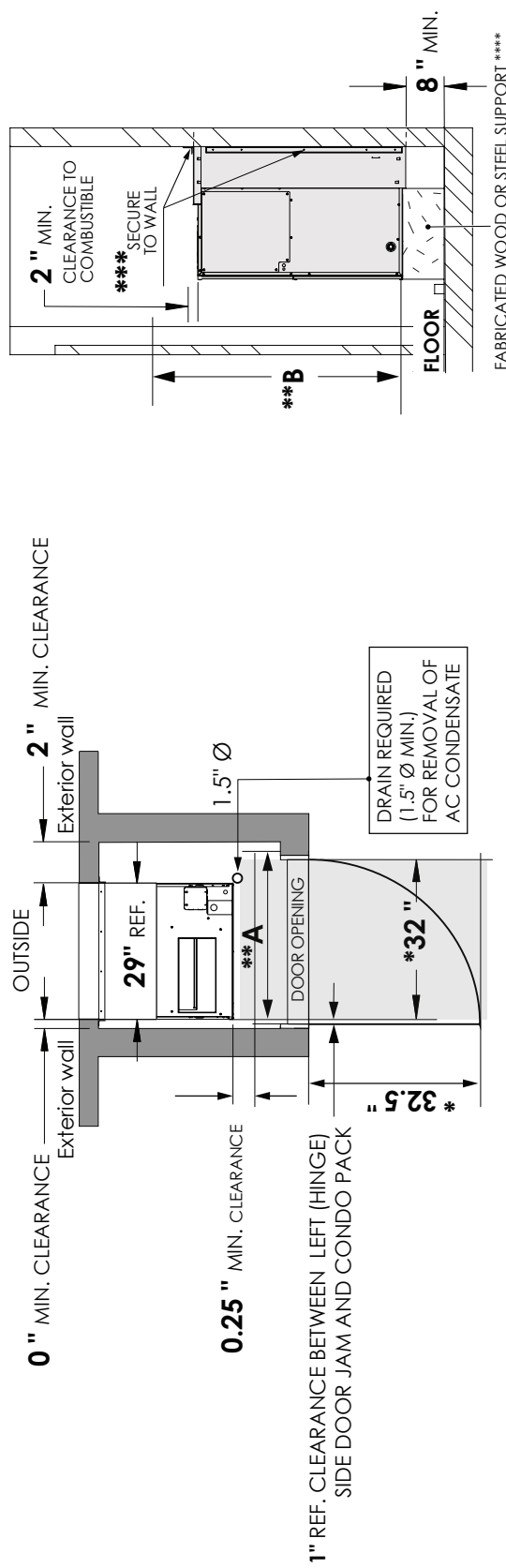


FIGURE 1

MINIMUM CLEARANCE

REQUIRED DUE TO UNIT'S DIMENSION & SAFETY STANDARD



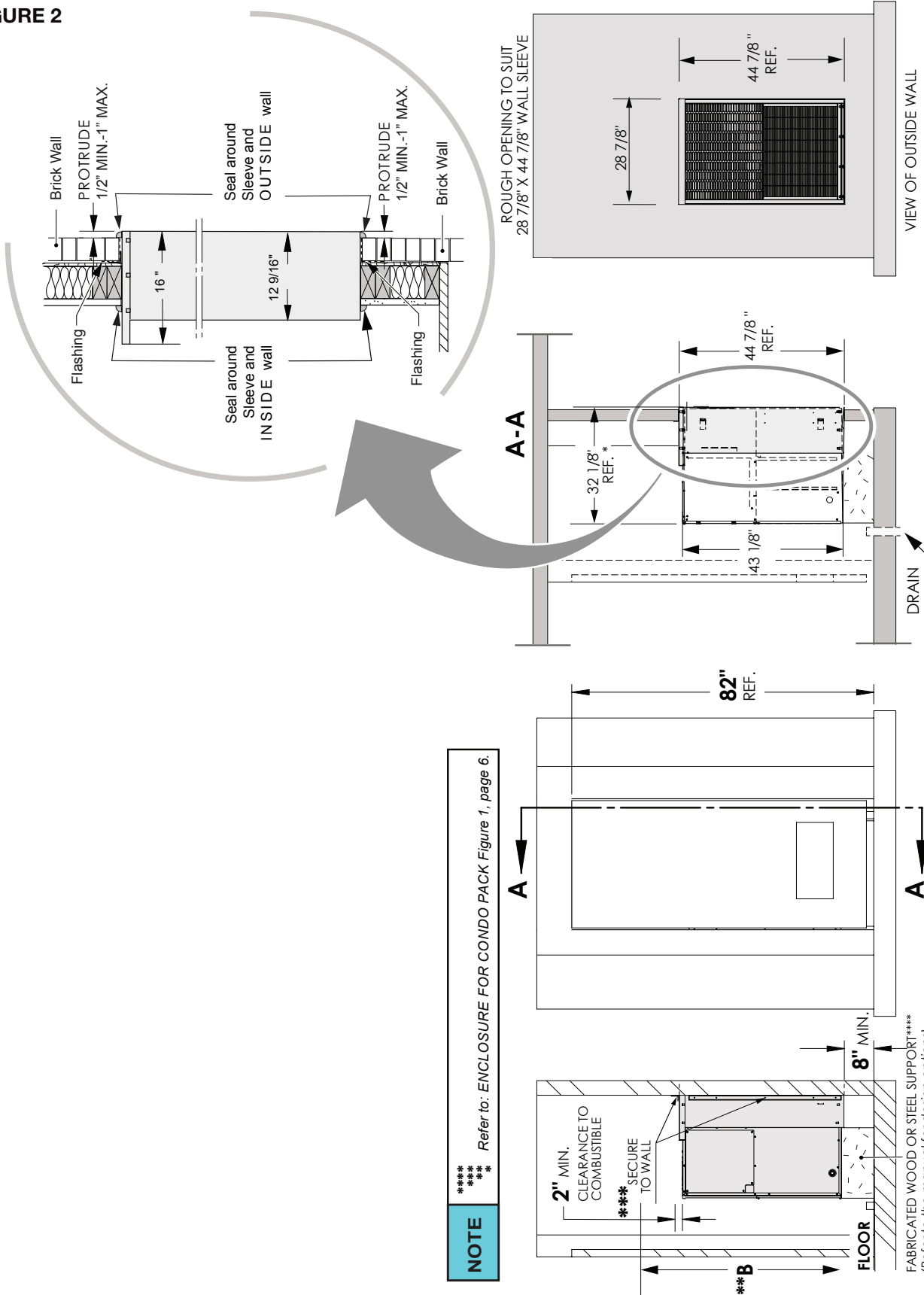
NOTE

ADEQUATE SERVICE CLEARANCE MUST BE PROVIDED IN FRONT OF THE UNIT.

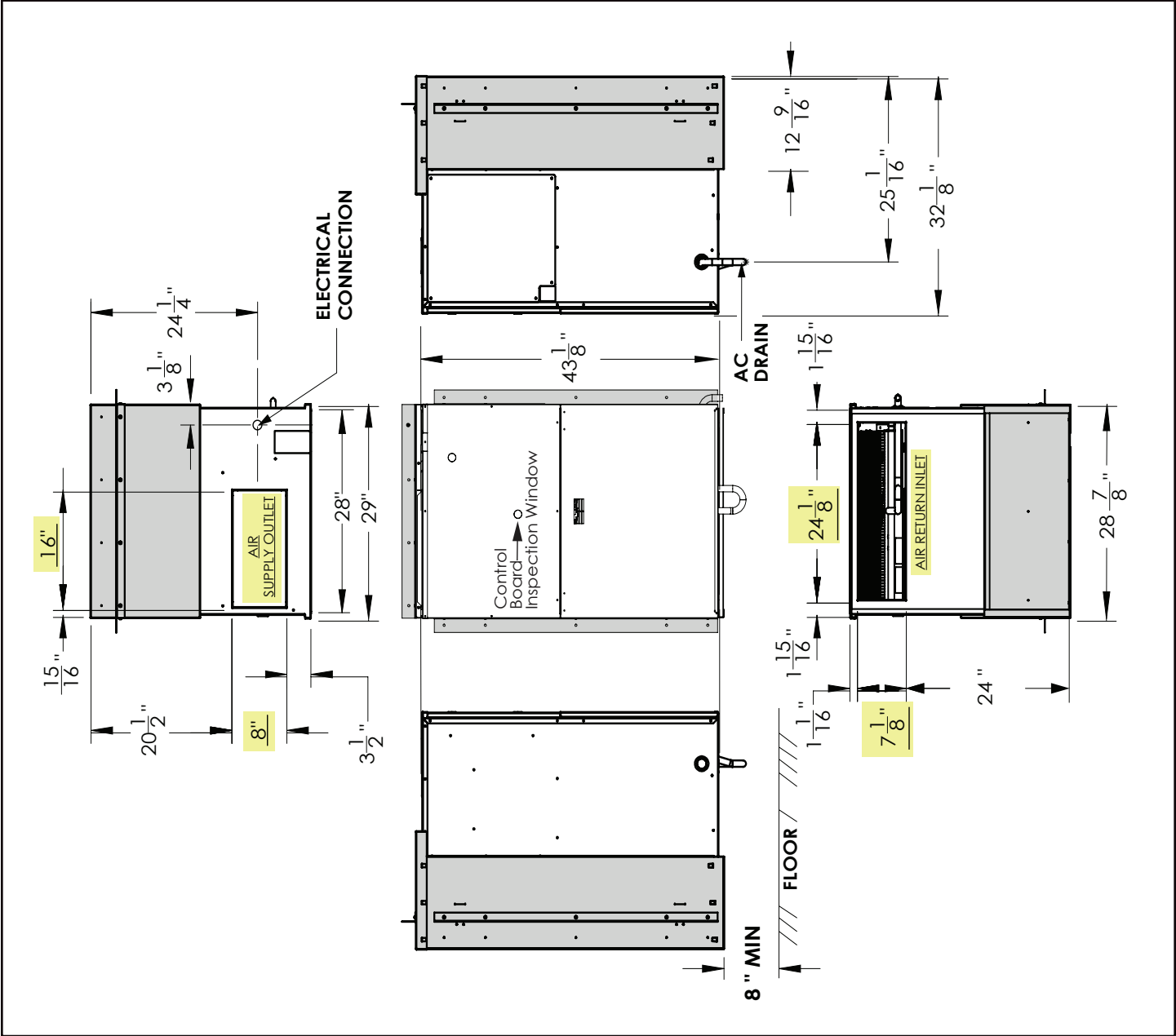
- ****In certain jurisdictions, combustible material is not allowed to be exposed to return air. For such scenarios, refer to "UNIT SUPPORT" section of this manual for alternate design options.
- ***Engineer/Architect - to consult with customer solutions if clarification is required to determine bracket location for setting the desired depth of Wall Sleeve into wall.
- ** A clear and unobstructed passageway (dimension AxB) shall be provided to the unit, in accordance with the requirements of the local authorities having jurisdiction and with the National Electrical Code in the United States and the Canadian Electrical Code CSA C22.1 Part 1 (latest edition) in Canada.
- * The 32 " x 32.5 " unobstructed clearance is required in front of the unit for complete removal of heating and cooling module. Check local building codes for other applicable requirements.

IMPORTANT: Prior to constructing interior closet walls in close proximity to the wall sleeve, the sealing of the wall sleeve and cabinet should be completed. Sealing after the walls are constructed can be difficult. Poor sealing will result in cold air infiltration that will affect Condo Pack. Refer to section "Sealing: Wall Sleeve and Condo Pack cabinet".

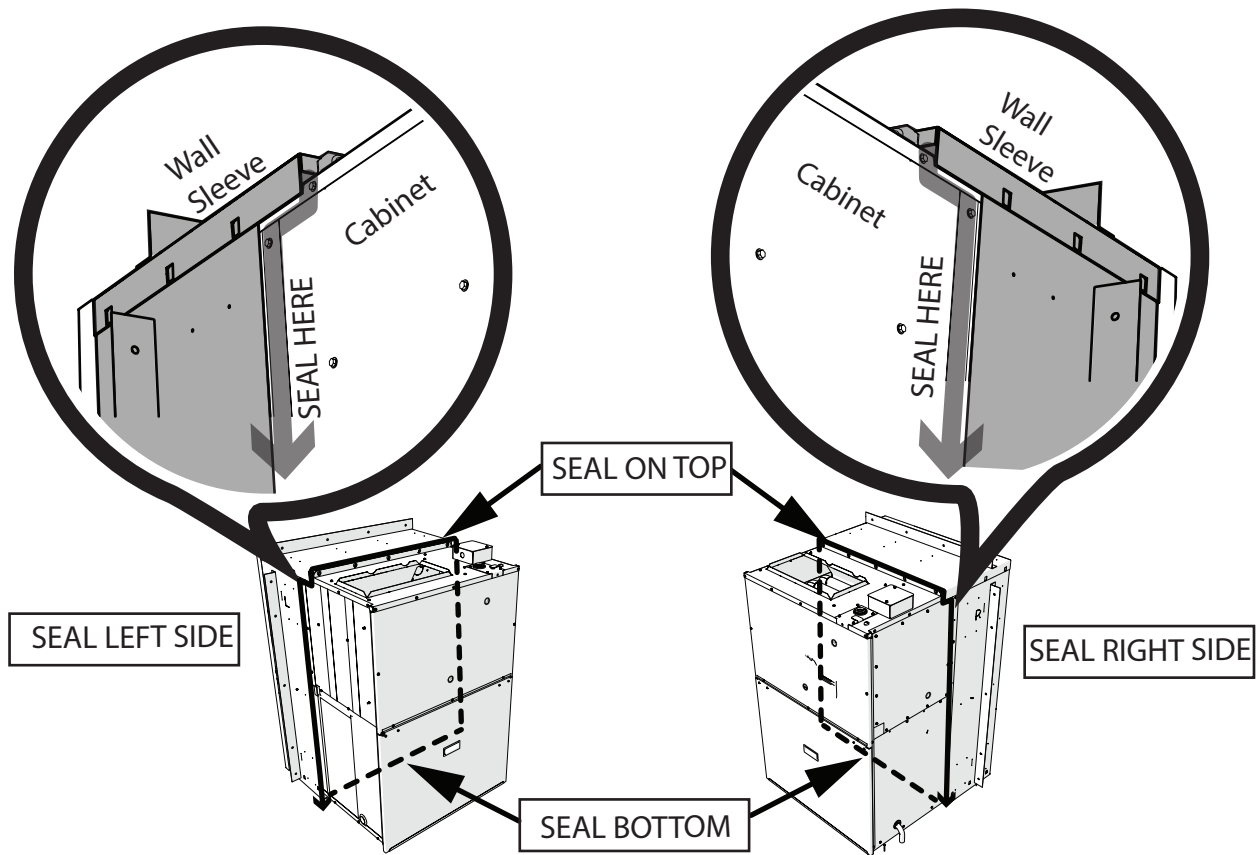
FIGURE 2



CONDO PACK SHOWN IN WALL SLEEVE



SEALING: WALL SLEEVE AND CONDO PACK CABINET



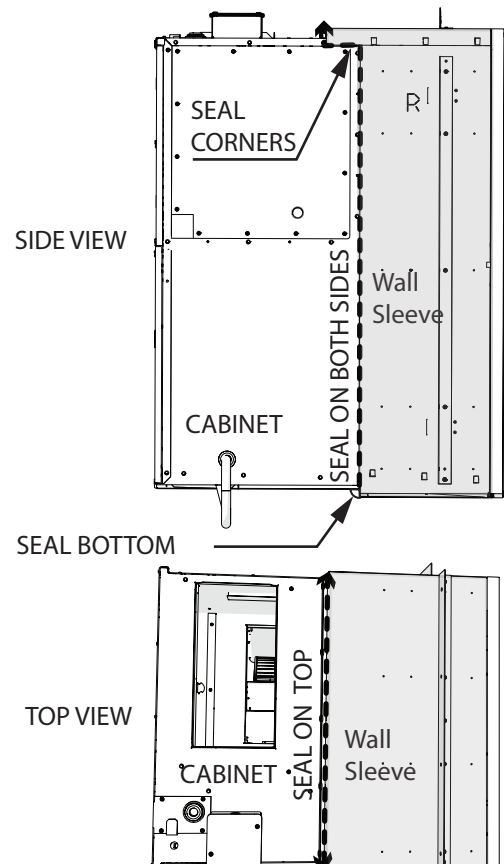
Fill the clearance space between the sleeve and the cabinet with non-hardening caulking compound or non-expanding insulation foam as a protection against the snow, water, moisture and air infiltration.

⚠ IMPORTANT ⚠

THE CLEARANCE SPACE BETWEEN THE WALL SLEEVE AND THE CABINET MUST BE COMPLETELY SEALED ON ALL FOUR SIDES IN ORDER TO PREVENT THE MOISTURE AND AIR INFILTRATION.

⚠ WARNING ⚠

THESE INSTRUCTIONS ARE INTENDED AS AN AID TO QUALIFIED SERVICE PERSONNEL FOR PROPER INSTALLATION, ADJUSTMENT AND OPERATION OF THE UNIT. READ THESE INSTRUCTIONS THOROUGHLY BEFORE ATTEMPTING INSTALLATION OR OPERATION. IMPROPER INSTALLATION, ADJUSTMENT, SERVICE, OR MAINTENANCE CAN CAUSE PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH. FOR INFORMATION AND ASSISTANCE CONSULT A QUALIFIED INSTALLER OR SERVICE AGENCY.





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Unitary Small AC
AHRI Standard 210/240
Certification applies only when the complete system
is listed with AHRI.



Spécifications Techniques



CERTIFIÉ SELON LES NORMES CAN/CSA C22.2
No. 60335-2-40:19 / UL 60335-2-40



SÉRIE P-E 11.7SEER2 Chauffage électrique / Climatisation électrique

Unité murale multifonction de chauffage et de climatisation à haut rendement
Chauffage – 5 kW, 7,5 kW, 10 kW, 15 kW

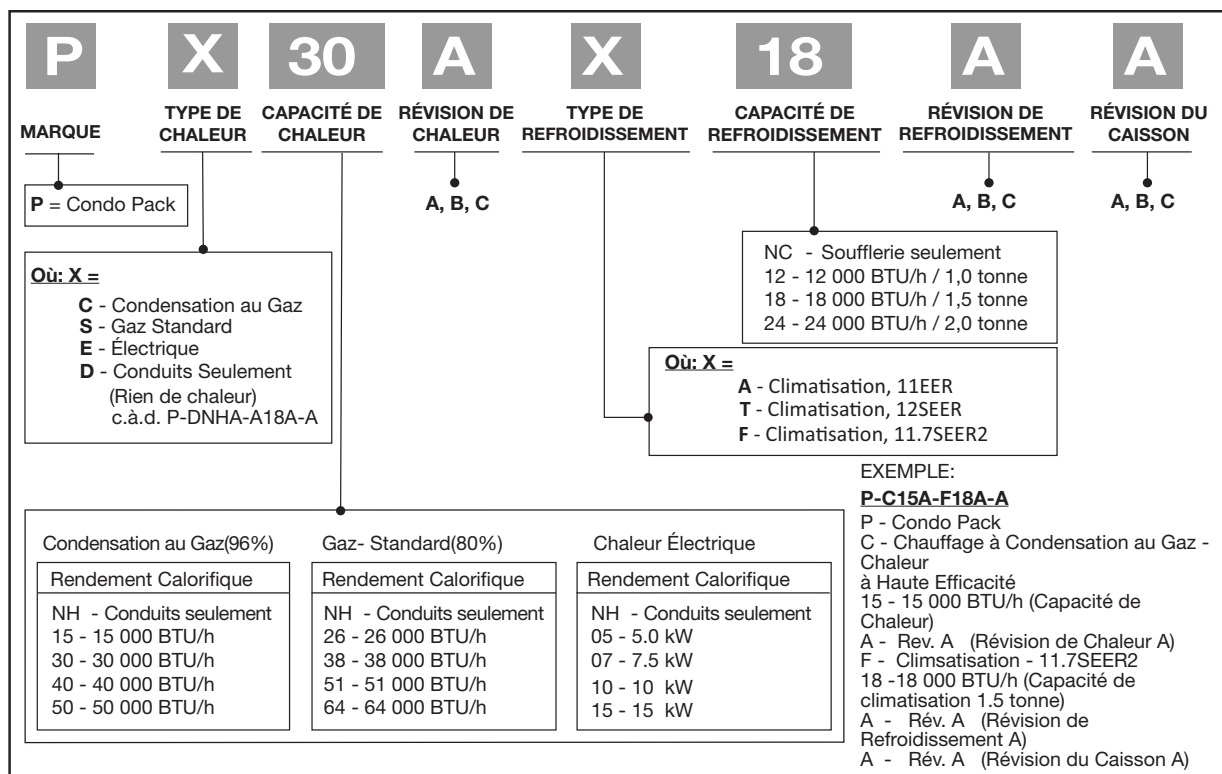
CARACTÉRISTIQUES



TAILLE DE CABINET COMPATIBLE

- Dimensions selon les normes de l'industrie pour une installation lors de rénovations.
- Dimensions du cabinet : 43 1/8 po de haut x 28 po de large x 32 po de profondeur.
- Dimensions du manchon mural au point de pénétration du mur extérieur : 44 7/8 po de haut x 28 7/8 po de large
- Couleur TAUPE standard.

CARACTÉRISTIQUES



DONNÉES ÉLECTRIQUES ET PHYSIQUES

TABEAU 2.

No. de Modèle	Min. Ampacité du circuit		Max. Fusible de protection contre les surintensités/ disjoncteur ckt (A)		Compresseur		Ventilateur Extérieur **				Ventilateur Intérieur			Tensions/Hz/Phase	Tension/Intervalle
	208V	240V	208V	240V	Comp. Ampères de charge nominaux (RLA)	Amps à rotor bloqué (LRA)	Dia	RPM Nominale	Ampères de charge nominaux	Cond Mtr. HP	Diamètre de la roue x largeur	Ampères de charge nominaux	HP		
P-E05A-F12A-A	26.6	30.0	30.0		5.3	29	17-3/4"	1100	0.85	1/4	10 x 6	4.0	1/2	208-230/60/1	197-256
P-E05A-F18A-A					7.72	39		1120	0.90	1/3					

TABLEAU 4.

Prises de vitesse moteur disponibles										
No. de Modèle	Module de chauffage/ refroidissement	Couleur réelle du fil	Réglage	No. de Tap Vitesse		No. de Modèle	Module de chauffage/ refroidissement	Couleur réelle du fil	Réglage	No. de Tap Vitesse
P-E05A-F12A-A	E05A	Fil Rouge	Usine	5		P-E07A-F12A-A	E07A	Fil Rouge	Usine	4
			Élevé	4					Élevé	3
	F12A	Fil Bleu	Factory	1			F12A	Fil Bleu	Usine	1
			Élevé	3					Élevé	2
	Ventilateur continu G	Fil Noir		2			Ventilateur continu G	Fil Noir		5
P-E05A-F18A-A	E05A	Fil Rouge	Usine	5		P-E07A-F18				

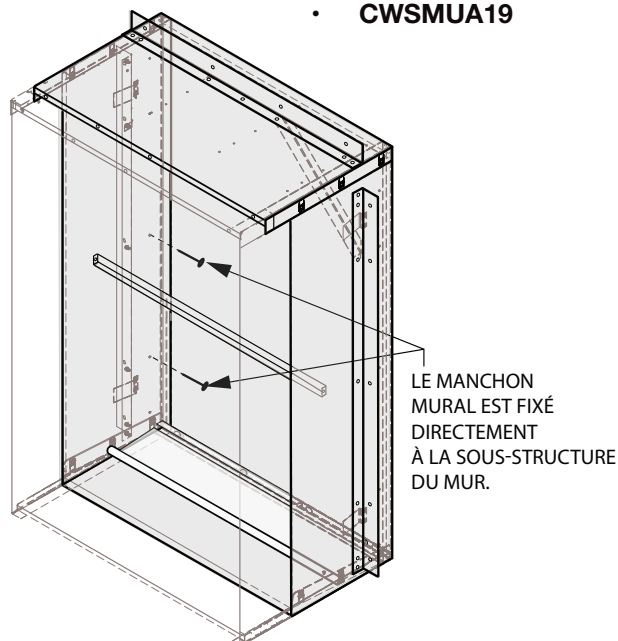
DIMENSIONS DU MANCHON MURAL

DEUX MODÈLES DE MANCHONS MURAUX SONT ILLUSTRÉS CI-DESSOUS :

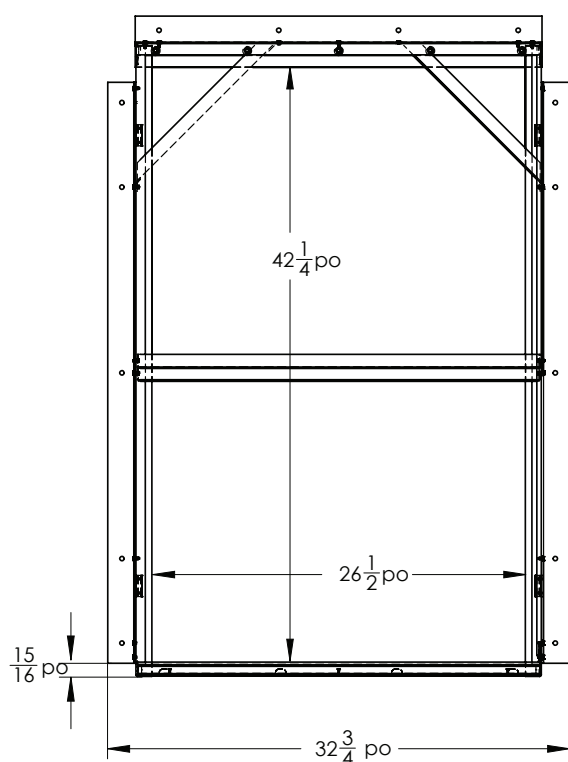
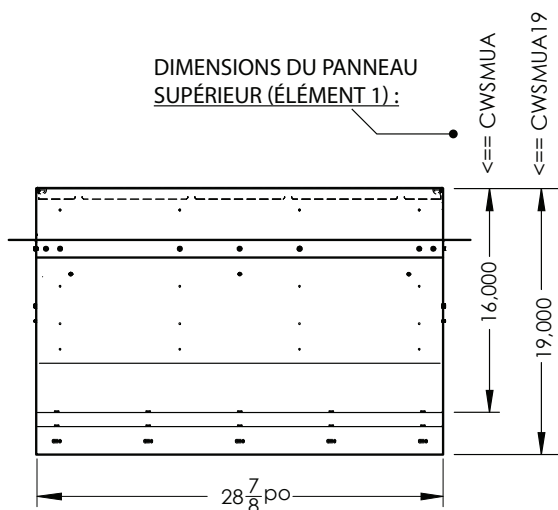
REMARQUE:

POUR PLUS DE SOLIDITÉ ET POUR RÉDUIRE LES VIBRATIONS DU SUPPORT MURAL, DES SUPPORTS PEUVENT ÊTRE UTILISÉS POUR FIXER LE MANCHON MURAL À LA SOUS-STRUCTURE DE L'ÉDIFICE, ET CE, DE L'INTÉRIEUR OU DE L'EXTÉRIEUR DE L'ÉDIFICE. INGÉNIEUR/ARCHITECTE – CONSULTEZ LE CENTRE SOLUTION CLIENTS SI UNE CLARIFICATION EST REQUISE POUR DÉTERMINER L'EMPLACEMENT DES SUPPORTS EN FONCTION DE LA PROFONDEUR DE MANCHON MURAL DÉSIRÉE.

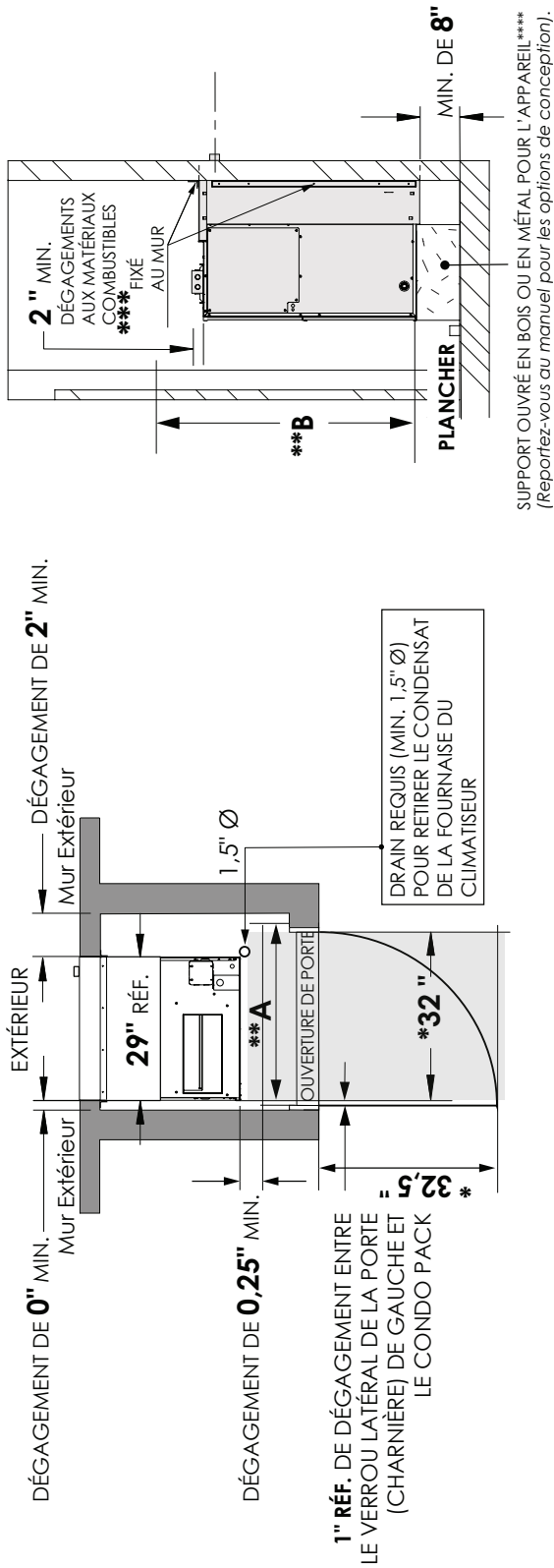
- CWSMUA
- CWSMUA19



DIMENSIONS DU PANNEAU SUPÉRIEUR (ÉLÉMENT 1) :



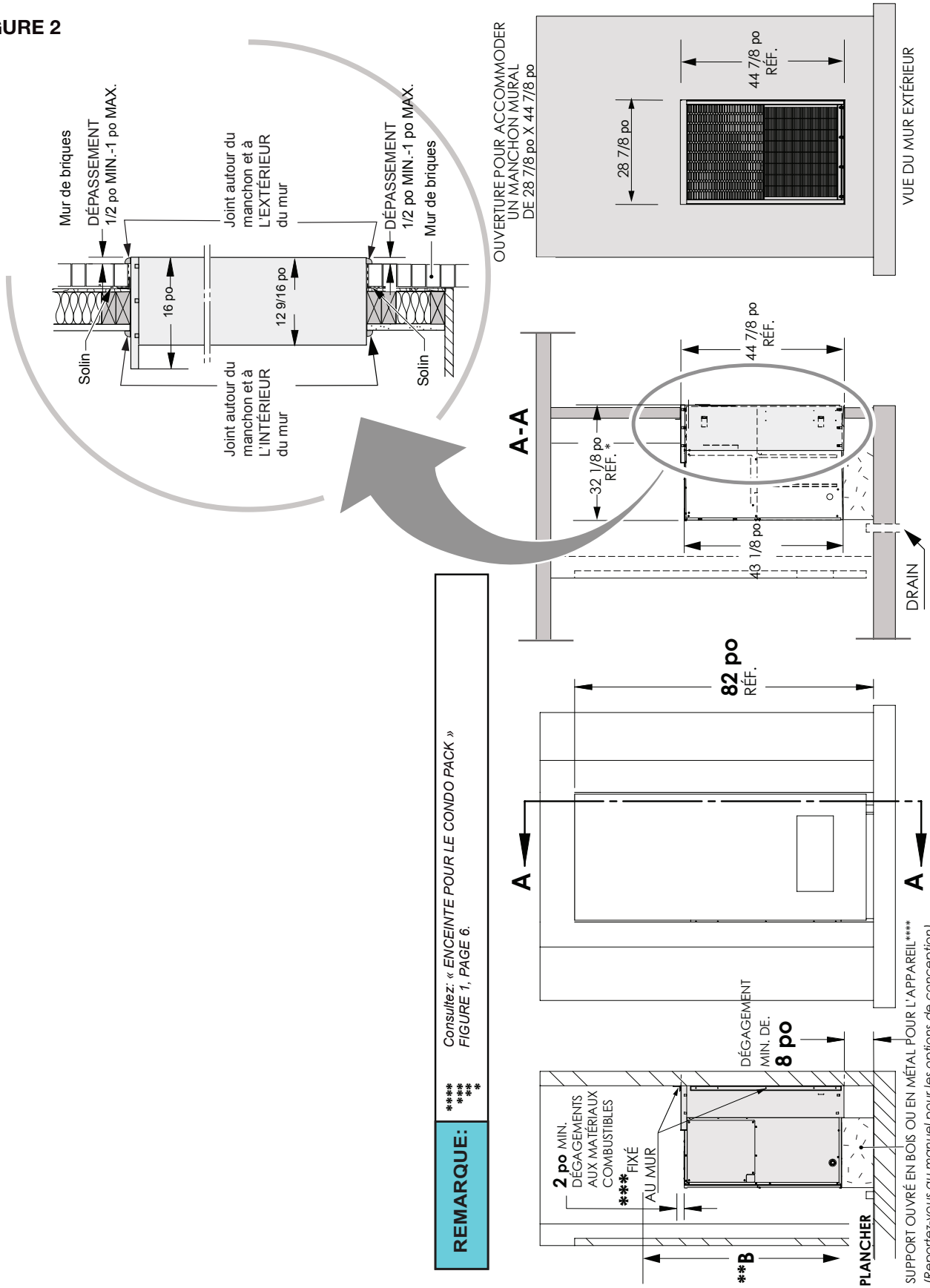
DÉGAGEMENT MINIMAL
REQUIS EN RAISON DE DIMENSIONS DE L'APPAREIL ET DES NORMES DE SÉCURITÉ



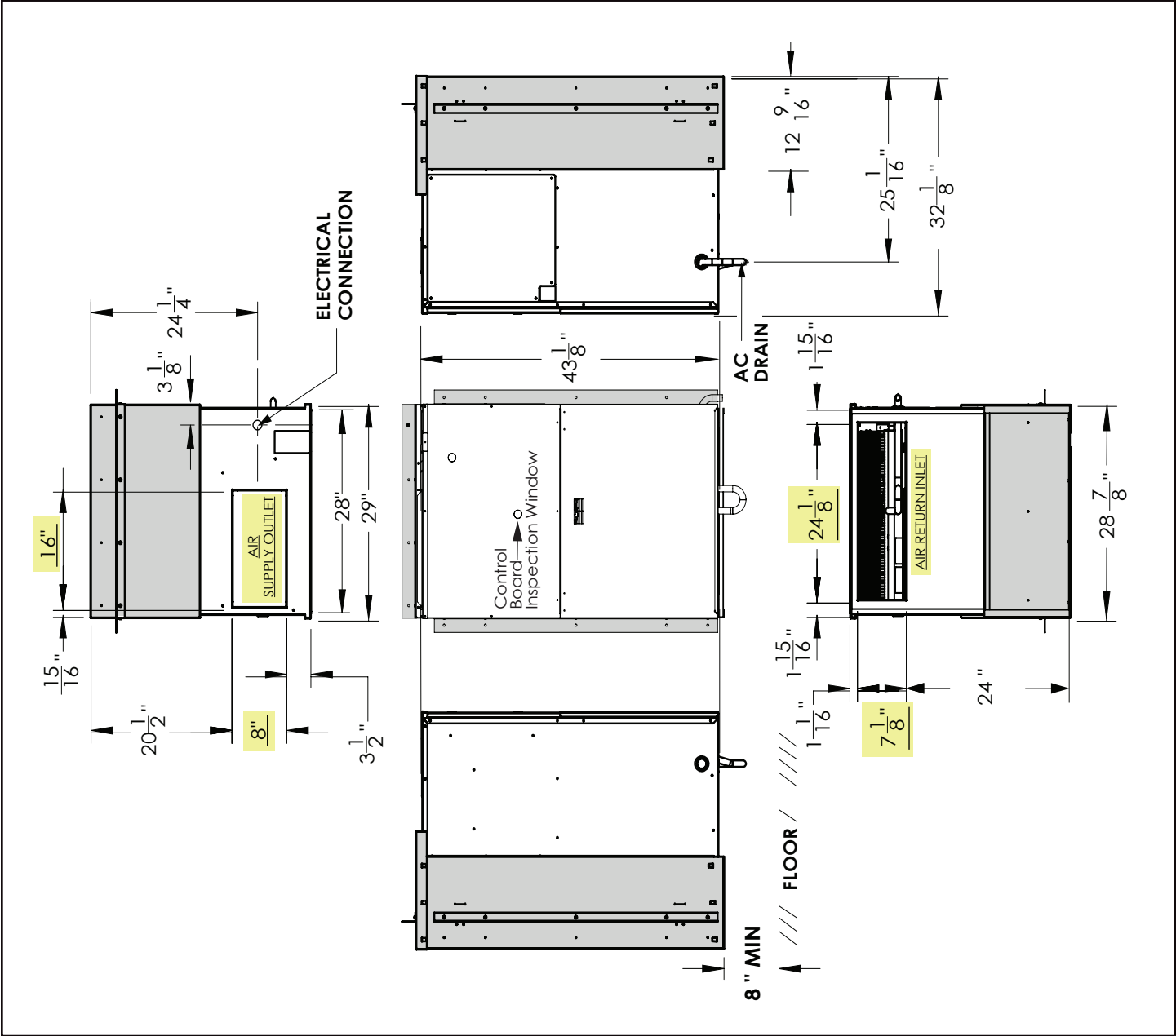
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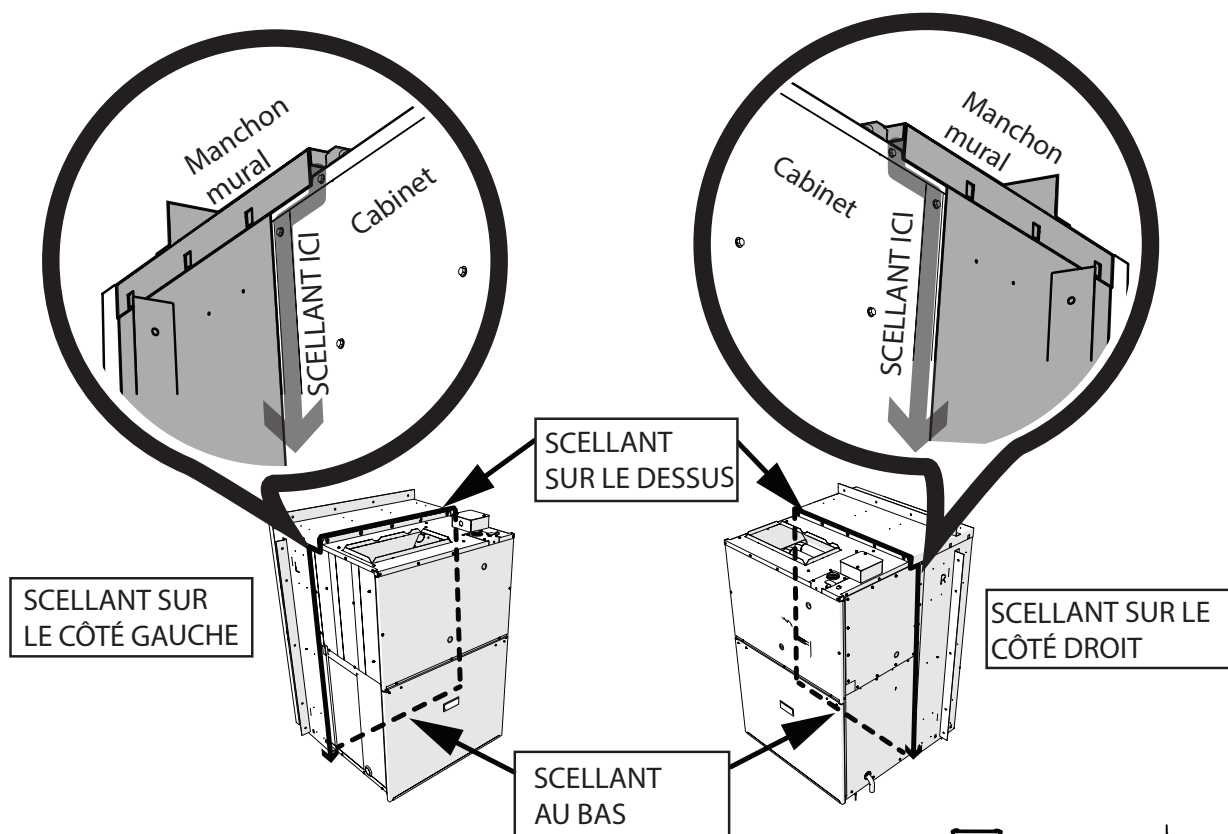
PRÉVOIR UN ACCÈS SUFFISANT À L'

FIGURE 2



CONDO PACK ILLUSTRÉ DANS UN MANCHON MURAL





Scellez l'espace entre le manchon mural et le cabinet en utilisant un produit de calfeutrage non durcissant ou de la mousse isolante à faible expansion pour empêcher l'infiltration de neige, d'eau, d'humidité et d'air.

⚠ IMPORTANT ⚠

L'ESPACE ENTRE LE MANCHON MURAL ET LE CABINET DOIT ÊTRE ENTIÈREMENT SCÉLLÉ DES QUATRE CÔTÉS POUR EMPÊCHER L'INFILTRATION D'HUMIDITÉ ET D'AIR.

⚠ AVERTISSEMENT ⚠

CES INSTRUCTIONS SONT DESTINÉES À AIDER LES TECHNICIENS DE SERVICE QUALIFIÉS À INSTALLER, À RÉGLER ET À FAIRE FONCTIONNER ADÉQUATEMENT L'APPAREIL. LISEZ CES INSTRUCTIONS ATTENTIVEMENT AVANT DE PROCÉDER À L'INSTALLATION DE L'APPAREIL ET DE LE FAIRE FONCTIONNER. UNE INSTALLATION NON CONFORME, OU DES RÉGLAGES, UN SERVICE OU UN ENTRETIEN INADÉQUATS PEUVENT CAUSER DES DOMMAGES MATÉRIELS, DES BLESSURES CORPORELLES OU LA MORT. POUR OBTEN



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