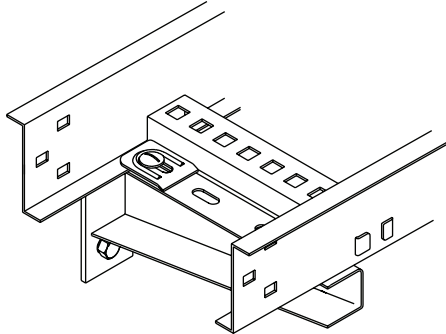


SECCION 1.4 ACCESORIOS DE MONTAJE

MENSULA PARA MONTAJE EN PARED

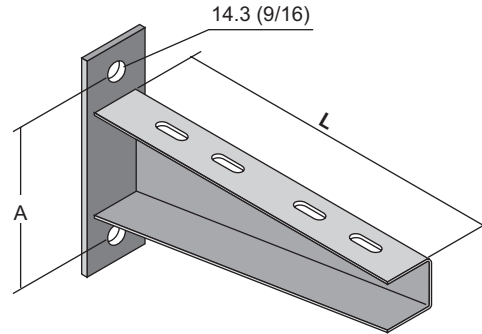


MPPI-09-GI

- MATERIAL Y ACABADO MATERIAL & FINISHES
- ANCHO DE LA CHAROLA CABLE TRAY WIDTH
- COLOCAR ESTE DIGITO PARA CHAROLAS CON PERFIL TIPO "CC", "IM" E "IP"
- USE THIS LETTER FOR TRAYS WITH RAIL TYPE "CC", "IM" & "IP"
- MENSULA PARA PARED WALL SUPPORTED BRACKET

SECCION 1.4 SUPPORTS AND BRACKETS

WALL CANTILEVER BRACKET



ANCHO DE CHAROLA TRAY WIDTH	A	PARA PERFIL TIPO Z, C, CB, CA, IL (VER PAGINA 9) FOR RAIL TYPE Z, C, CB, CA, IL (SEE PAGE 9)		PARA PERFIL TIPO CC, IM, IP (VER PAGINA 9) FOR RAIL TYPE CC, IM, IP (SEE PAGE 9)		CARGA SOPORTADA LOAD CAPACITY
		No DE CATALOGO CATALOG NUMBER	L	No DE CATALOGO CATALOG NUMBER	L	
101.6 (4)	120 (4.75)	MPP-04	127 (5)	MPPI-04	152 (6)	705 kg (1550 lb)
152.4 (6)		MPP-06	178 (7)	MPPI-06	203 (8)	665 kg (1460 lb)
228.9 (9)		MPP-09	254 (10)	MPPI-09	279 (11)	645 kg (1420 lb)
304.8 (12)		MPP-12	330 (13)	MPPI-12	356 (14)	550 kg (1215 lb)
406.4 (16)	158 (6.22)	MPP-16	432 (17)	MPPI-16	457 (18)	505 kg (1115 lb)
457.2 (18)		MPP-18	483 (19)	MPPI-18	508 (20)	450 kg (990 lb)
508.0 (20)		MPP-20	533 (21)	MPPI-20	559 (22)	385 kg (850 lb)
609.6 (24)		MPP-24	635 (25)	MPPI-24	660 (26)	325 kg (717 lb)
762.0 (30)		MPP-30	787 (31)	MPPI-30	813 (32)	275 kg (607 lb)
914.4 (36)		MPP-36	940 (37)	MPPI-36	965 (38)	225 kg (496 lb)

LA CARGA SOPORTADA MUESTRA LA CAPACIDAD DE LA MENSULA, SOPORTES ELECTRICOS NO SE HACE RESPONSABLE DE FALLAS ATRIBUIBLES A LOS SISTEMAS DE ANCLAJE O EL SUSTRATO DE APOYO.
THE LOAD SHOWN INDICATE THE BRACKET LOAD CAPACITY, SOPORTES ELECTRICOS IS NOT RESPONSABLE FOR FAILURES CAUSED BY THE ANCHORING SYSTEM OR FOR THE WALLS MATERIALS

LAS CARGAS SOPORTADAS ESTAN BASADAS EN UN FACTOR DE SEGURIDAD DE 2.5
THE LOAD CAPACITY ARE WITH A SECURITY FACTOR OF 2.5

NO INCLUYE TORNILLERIA NI SISTEMAS DE FIJACION
HARDWARE, CLAMP OR ANCHORING SYSTEM ARE NOT INCLUDED

MATERIALES Y ACABADOS DISPONIBLES:

MATERIALS & FINISHES AVAILABLE :

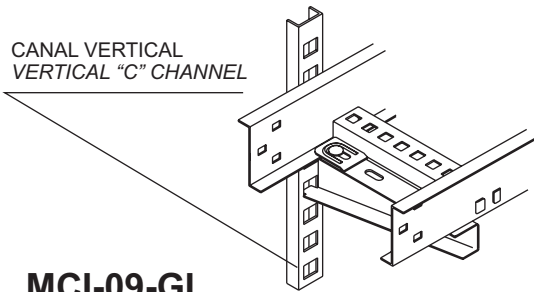
- GI** : ACERO AL CARBONO GALVANIZADO POR INMERSION EN CALIENTE SEGUN ASTM A 123
- GE** : ACERO AL CARBONO GALVANIZADO ELECTROLITICO SEGUN ASTM B 633
- T** : ACERO AL CARBONO TROPICALIZADO
- PVC**: ACERO AL CARBONO RECUBIERTO CON PVC SEGUN NEMA RN 1
- AI** : ACERO INOXIDABLE ACABADO NATURAL

- GI** : HOT DIP GALVANIZED STEEL UNDER ASTM A 123
- GE** : ELECTROGALVANIZED STEEL UNDER ASTM B 633
- T** : CHROMIUM-ZINC COATED STEEL
- PVC**: PVC COATED STEEL UNDER NEMA RN 1
- AI** : NATURAL FINISHED STAINLESS STEEL

PARA MATERIALES Y ACABADOS NO INDICADOS CONSULTE NUESTRO DEPARTAMENTO DE INGENIERIA
FOR MATERIALS AND FINISHES NOT SHOWN. PLEASE CONSULT OUT TECHNICAL DEPARTMENT

TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

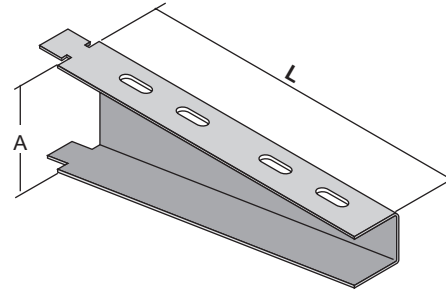
MENSULA PARA MONTAJE EN CANAL



MCI-09-GI

MATERIAL Y ACABADO (VER PAGINA 34) MATERIAL & FINISHES (SEE PAGE 34)
 ANCHO DE LA CHAROLA CABLE TRAY WIDTH
 COLOCAR ESTE DIGITO PARA CHAROLAS CON PERFIL TIPO "CC", "IM" E "IP"
 USE THIS LETTER FOR TRAYS WITH RAIL TYPE "CC", "IM" & "IP"
 MENSULA PARA CANAL CHANNEL CANTILEVER BRACKET

CHANNEL CANTILEVER BRACKET



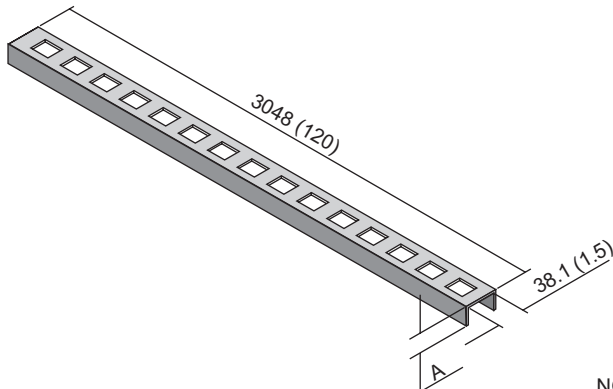
ANCHO DE CHAROLA TRAY WIDTH	A	PARA PERFIL TIPO Z, C, CB, CA, IL (VER PAGINA 9) FOR RAIL TYPE Z, C, CB, CA, IL (SEE PAGE 9)		PARA PERFIL TIPO CC, IM, IP (VER PAGINA 9) FOR RAIL TYPE CC, IM, IP (SEE PAGE 9)		CARGA SOPORTADA LOAD CAPACITY
		No DE CATALOGO CATALOG NUMBER	L	No DE CATALOGO CATALOG NUMBER	L	
101.6 (4)	79 (3.1)	MC-04	127 (5)	MCI-04	152 (6)	345 kg (762 lb)
152.4 (6)		MC-06	178 (7)	MCI-06	203 (8)	325 kg (717 lb)
228.9 (9)		MC-09	254 (10)	MCI-09	279 (11)	315 kg (695 lb)
304.8 (12)		MC-12	330 (13)	MCI-12	356 (14)	270 kg (596 lb)
406.4 (16)	117 (4.6)	MC-16	432 (17)	MCI-16	457 (18)	245 kg (540 lb)
457.2 (18)		MC-18	483 (19)	MCI-18	508 (20)	220 kg (485 lb)
508.0 (20)		MC-20	533 (21)	MCI-20	559 (22)	190 kg (420 lb)
609.6 (24)		MC-24	635 (25)	MCI-24	660 (26)	160 kg (353 lb)
762.0 (30)		MC-30	787 (31)	MCI-30	813 (32)	135 kg (298 lb)
914.4 (36)		MC-36	940 (37)	MCI-36	965 (38)	110 kg (243 lb)

LA CARGA SOPORTADA MUESTRA LA CAPACIDAD DE LA MENSULA EN CONJUNTO CON EL CANAL VERTICAL, SOPORTES ELECTRICOS NO SE HACE RESPONSABLE DE FALLAS ATRIBUIBLES A LOS SISTEMAS DE ANCLAJE O EL SUSTRATO DE APOYO.
 THE LOAD SHOWN INDICATE THE BRACKET LOAD CAPACITY ASSAMBLED WITH VERTICAL CHANNEL, SOPORTES ELECTRICOS IS NOT RESPONSABLE FOR FAILURES CAUSED BY THE ANCHORING SYSTEM OR FOR THE WALLS MATERIALS

LAS CARGAS SOPORTADAS ESTAN BASADAS EN UN FACTOR DE SEGURIDAD DE 2.5
 THE LOAD CAPACITY ARE WITH A SECURITY FACTOR OF 2.5

NO INCLUYE TORNILLERIA NI SISTEMAS DE FIJACION
 HARDWARE, CLAMP OR ANCHORING SYSTEM ARE NOT INCLUDED

CANAL VERTICAL



VERTICAL "C" CHANNEL

CVPP-120-GI

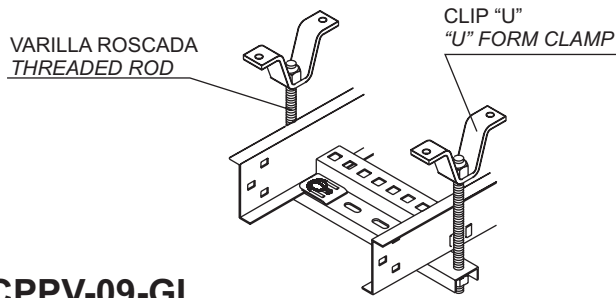
MATERIAL Y ACABADO VER PAGINA 34 MATERIAL & FINISHES SEE PAGE 34
 LONGITUD DEL CANAL EN PULGADAS CHANNEL LENGHT IN INCHES
 COLOCAR ESTE DIGITO EN CANALES CON ALTURA DE 19 mm (3/4)
 USE THIS LETTER FOR CHANNELS WITH 19 (3/4) HEIGHT
 CANAL VERTICAL VERTICAL "C" CHANNEL

N° DE CATALOGO CATALOG NUMBER	A
CVPP-120	19 (3/4)
CVP-120	31.8 (1)

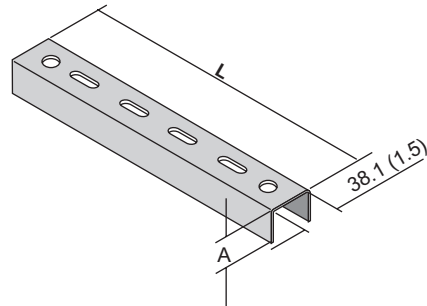
NO INCLUYE TORNILLERIA NI SISTEMAS DE FIJACION
 HARDWARE, CLAMP OR ANCHORING SYSTEM ARE NOT INCLUDED

TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

CANAL HORIZONTAL PARA TRAPEZOCIO



HORIZONTAL CHANNEL FOR TRAPEZOID SUPPORT



CPPV-09-GI

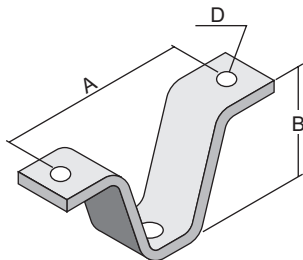
MATERIAL Y ACABADO (VER PAGINA 34) MATERIAL & FINISHES (VER PAGINA 34)
 ANCHO DE LA CHAROLA CABLE TRAY WIDTH
 COLOCAR ESTE DIGITO EN CANALES CON ALTURA DE 19 mm (3/4)
 USE THIS LETTER FOR CHANNELS WITH 19mm (3/4) HEIGHT
 CANAL HORIZONTAL PARA TRAPEZOCIO HORIZONTAL CHANNEL FOR SUPPORT

NUMERO DE CATALOGO CATALOG NUMBER

PARA ALTURA A DE 19 (3/4) FOR 19 (3/4) HEIGHT	PARA ALTURA A DE 38.1 (1) FOR 38.1 (1) HEIGHT	ANCHO DE CHAROLA TRAY WIDTH	L
CPPV-04	CPV-04	101.6 (4)	195 (7.69)
CPPV-06	CPV-06	152.4 (6)	246 (9.69)
CPPV-09	CPV-09	228.9 (9)	322 (12.69)
CPPV-12	CPV-12	304.8 (12)	398 (15.69)
CPPV-16	CPV-16	406.4 (16)	500 (19.69)
CPPV-18	CPV-18	457.2 (18)	551 (21.69)
CPPV-20	CPV-20	508.0 (20)	602 (23.69)
CPPV-24	CPV-24	609.6 (24)	703 (27.69)
CPPV-30	CPV-30	762.0 (30)	856 (33.69)
CPPV-36	CPV-36	914.4 (36)	1008 (39.69)

NO INCLUYE TORNILLERIA, VARILLAS, CLIPS "U" NI SISTEMAS DE FIJACION
 HARDWARE, "U" CLAMP, THREADED RODS OR ANCHORING SYSTEM ARE NOT INCLUDED

CLIP "U"



CU-38-GI

MATERIAL Y ACABADO VER PAGINA 34 MATERIAL & FINISHES SEE PAGE 34
 TAMAÑO NOMINAL DE VARILLA ROSCADA THREADED ROAD SIZE
 CLIP "U" FORM "U" CLAMP

N° DE CATALOGO CATALOG NUMBER	TAMAÑO DE VARILLA ROAD SIZE	A	B	D
CU-38	9.5 (3/8)	110 (4.32)	57 (2.24)	9.5 (3/8)
CU-12	12.7 ()	133 (5.23)	63 (2.48)	14.3 (9/16)
CU-58	15.9 (5/8)	143 (5.62)	67 (2.63)	14.3 (9/16)

NO INCLUYE TORNILLERIA, VARILLAS, NI SISTEMAS DE FIJACION
 HARDWARE, THREADED RODS OR ANCHORING SYSTEM ARE NOT INCLUDED

FORM "U" CLAMP

VARILLA ROSCADA

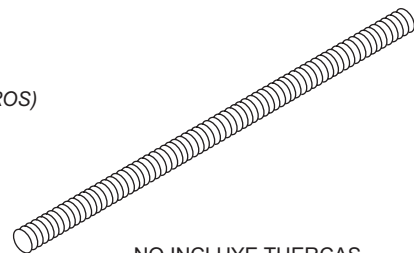
VR-38-3.0GI

MATERIAL Y ACABADO (VER PAGINA 34, EXCEPTO GI)
 MATERIAL & FINISHES (SEE PAGE 34 EXCEPT GI)
 LONGITUD EN METROS (DISPONIBLE EN 1.0, 2.0 Y 3.0 METROS)
 LENGHT IN METERS (AVAILABLE IN 1.0, 2.0 Y 3.0 METERS)
 TAMAÑO NOMINAL SIZE
 VARILLA ROSCADA THREADED ROD

N° DE CATALOGO CATALOG NUMBER	TAMAÑO NOMINAL SIZE
VR-38	9.5 (3/8)
VR-12	12.7 ()
VR-58	15.9 (5/8)

TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

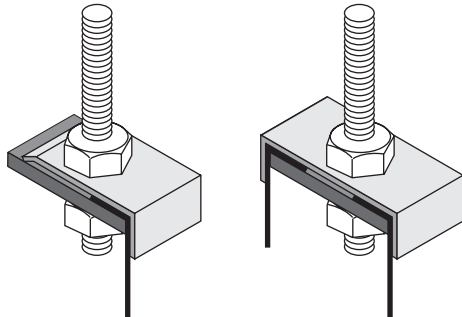
THREADED ROD



NO INCLUYE TUERCAS
 NUTS NOT INCLUDED

SOPORTES COLGANTES A LATERAL

SIDE RAIL HANGING SUPPORT



SENCILLO SINGLE

DOBLE DOUBLE

SDH-38-GI

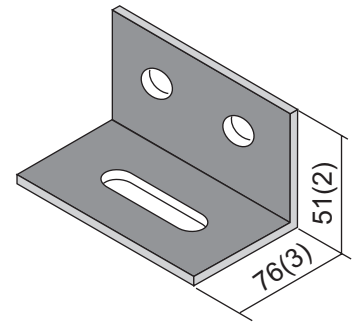
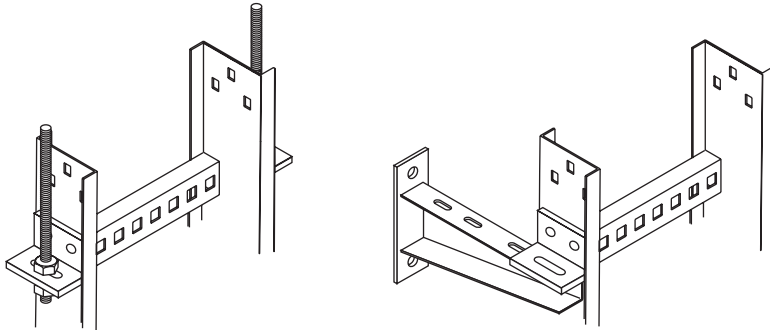
- MATERIAL Y ACABADO (VER PAGINA 34)
- MATERIAL & FINISHES (SEE PAGE 34)
- TAMAÑO NOMINAL DE VARILLA ROSCADA
- THREADED ROAD SIZE
- TIPO (SENCILLO O DOBLE)
- TYPE SUPPORT (SINGLE OR DOUBLE)
- COLGADOR A LATERAL SIDE RAIL HANGER

N° DE CATALOGO CATALOG NUMBER		TAMAÑO DE VARILLA ROAD SIZE
SENCILLO SINGLE	DOBLE DOUBLE	
SSH-38	SDH-38	9.5 (3/8)
SSH-12	SDH-12	12.7 ()
SSH-58	SDH-58	15.9 (5/8)

NO INCLUYE TUERCAS NI VARILLA
NUTS OR THREADED RODS ARE NOT INCLUDED

SOPORTE VERTICAL

VERTICAL SUPPORT



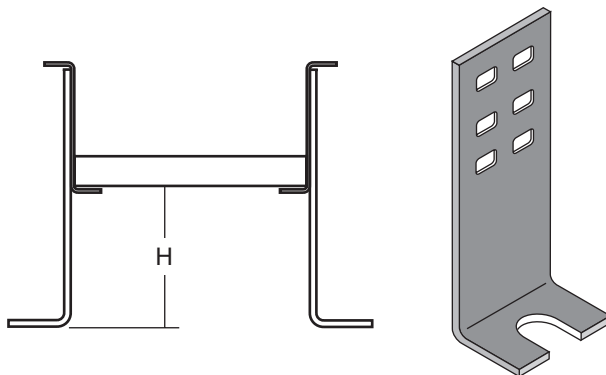
SV-1GI

- MATERIAL Y ACABADO (VER PAGINA 34)
- MATERIAL & FINISHES (SEE PAGE 34)
- SUBFIJO P/PERALTE (VER PAG 9)
- RAIL HEIGHT SUFFIX (SEE PAGE 9)
- SOPORTE VERTICAL VERTICAL SUPPORT

PARA USARSE CON VARILLA ROSCADA DE 12.7 (NO INCLUIDA FOR 12.7 (

SOPORTE PARA PISO

FLOOR SUPPORT

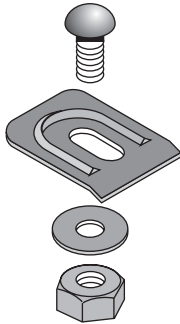


SP-30-1GI

- MATERIAL Y ACABADO (VER PAGINA 34)
- MATERIAL & FINISHES (SEE PAGE 34)
- SUBFIJO P/PERALTE (VER PAG 9)
- RAIL HEIGHT SUFFIX (SEE PAGE 9)
- ALTURA H HEIGHT H
- SOPORTE PARA PISO FLOOR SUPPORT

TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)

CLEMA PARA CHAROLA



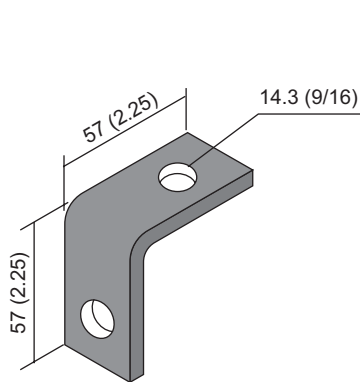
CLAMP-112-GI

MATERIAL Y ACABADO (VER PAGINA 34)
 MATERIAL & FINISHES (SEE PAGE 34)
 CLEMA PARA CHAROLA HOLD-DOWN CLAMP

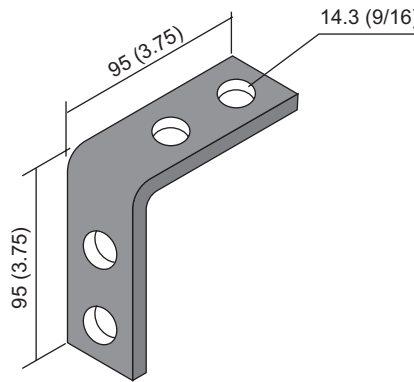
HOLD-DOWN CLAMP

INCLUYE TORNILLERIA
 HARDWARE INCLUDED

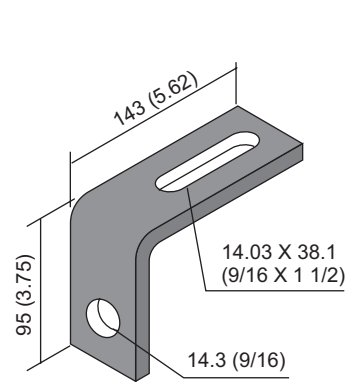
CLIPS ANGULARES



TIPO SENCILLO SINGLE TYPE
 N° DE CATALOGO CATALOG NUMBER **CAFC-234**



TIPO REFORZADO REINFORCED TYPE
 N° DE CATALOGO CATALOG NUMBER **CAFL-334**



TIPO AJUSTABLE ADJUSTABLE TYPE
 N° DE CATALOGO CATALOG NUMBER **CAFA-434**

ANGULAR CLAMP

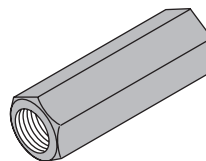
CAFA-434-GI

MATERIAL Y ACABADO (VER PAGINA 85)
 MATERIAL & FINISHES (SEE PAGE 85)
 TIPO TYPE

COPE PARA VARILLA ROSCADA

CVR-38-GI

MATERIAL Y ACABADO (VER PAGINA 34, EXCEPTO GI)
 MATERIAL & FINISHES (SEE PAGE 34 EXCEPT GI)
 TAMAÑO NOMINAL SIZE
 COPE PARA VARILLA ROSCADA THREADED COUPLING



THREADED COUPLING

N° DE CATALOGO CATALOG NUMBER	TAMAÑO NOMINAL SIZE
CVR-38	9.5 (3/8)
CVR-12	12.7 ()
CVR-58	15.9 (5/8)

TODOS LOS SISTEMAS DE APOYO MOSTRADOS EN ESTA SECCION DEBERAN SER COLOCADOS DE ACUERDO A LA NORMA NEMA VE-2
 ALL THE FRAMES SHOWN IN THIS SECTION SHOULD BE INSTALLED UNDER STANDARD NEMA VE 2

TODAS LAS DIMENSIONES EN mm (Pulg) ALL DIMENSIONS ARE IN mm (Inch)