

CABINET OPTIONS AND DESIGNATORS

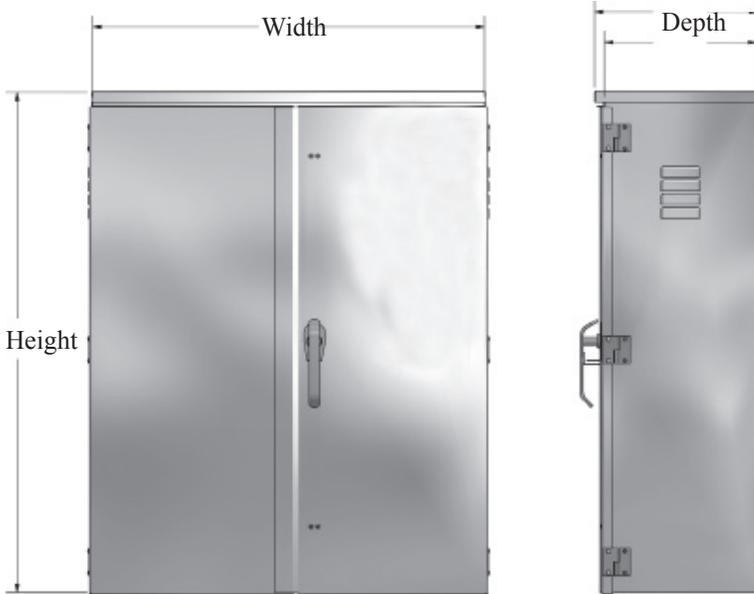
<u>Hinges:</u>	~Stainless steel lift off
<u>Nuts and Bolts:</u>	~ Stainless steel
<u>Hardware:</u>	~ Handles and Corbin locks are stainless steel or zinc plated
<u>Windows:</u>	~ Lexan ©
<u>Backboards:</u>	~ 3/4" exterior grade plywood (Treated) ~ Can be easily be removed for shop wiring
<u>Ground Lug:</u>	~AL-CU lug furnished ~ will accommodate 2-12 conductors (standard)
<u>Hub Opening:</u>	~Standard sizes from 1 to 1.25 inches available

Specifications subject to change without notice.

CODE LETTERS

A	Aluminum
B	Barfield
CT	Current Transformer
DD	Double Door
DH	Drop Hinge
F	Fan
FB	Front and back door with 3-point locking for seal or padlocking with stainless steel lift-off hinges
FSC	Flush Cover
SC	Gasket Screw Cover
LAGSC	Lag Screw
LW	Lexan© Windows in demand reset cover (additional cost)
RC	Removable Cover
SC	Screw Cover
SD	Single swinging door with heavy-duty pull-down catches for seal or padlocking or on request a 3-point locking handle for seal or padlocking with stainless steel lift-off hinges
SP	Single Phase
TB	Terminal Box
TBB	Test Block Bridge (BA413TBB) for Meter Test Switch
THB	Tru-Bolt
TP	Three Phase
VT	Voltage Transformer

OUTDOOR METER, INSTRUMENT TRANSFER & SUBSTATION EQUIPMENT ENCLOSURES, NEMA 3R



MOUNTING BOARD

3/4" exterior grade treated plywood, standard. Add "-AP" for aluminum back-plate at extra charge.

DOORS

Standard double swinging doors with stainless steel lift-off hinges, 3-point locking handle. Doors have brackets, which hold them in the open position.

MATERIAL

.090 aluminum, .125 on request (add "-H").

HUBS

When requested at extra charge.

HUB1 - 1 inch Diameter

HUB125 - 1.25 inch diameter

HUB15 - 1.5 inch diameter

HUB2 - 2 inch diameter

LOUVER

4" louvers with screens (standard).

GROUND LUG

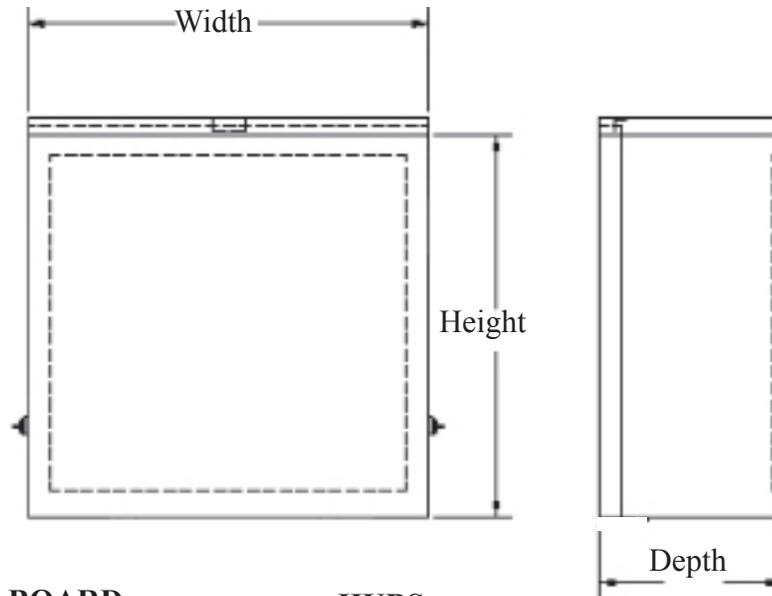
Al-Cu lug furnished (standard).

Special sizes and modifications available upon request.

Catalog Number	Pkg	Depth	Width	Height	Board Size (W x H)
BA123024DD	1	12"	30"	24"	27" x 21"
BA123036DD	1	12"	30"	36"	27" x 33"
BA123238DD	1	12"	32"	38"	29" x 35"
BA123036SD	1	13"	20"	36"	17" x 33"
BA133240DD	1	13"	32"	40"	29" x 37"
BA133636DD	1	13"	36"	36"	32" x 32"

Standard 3/4" plywood backboards. Add "AP for aluminum plate.

CT ENCLOSURE, NEMA 3R



MOUNTING BOARD

3/4" exterior grade treated plywood, standard. Add "-AP" for aluminum back-plate at extra charge.

COVER

The cover is removable and has provisions for sealing and locking. Swinging doors have stainless steel lift-off handle. Penta-head stainless steel bolts for security.

CUSTOM BUILT CT ENCLOSURES

MATERIAL

.090 aluminum, .125 on request (add "-H").

HUBS

When requested at extra charge.

HUB1 - 1 inch diameter

HUB125 - 1.25 inch diameter

HUB15 - 1.5 inch diameter

HUB2 - 2 inch diameter

GROUND LUG

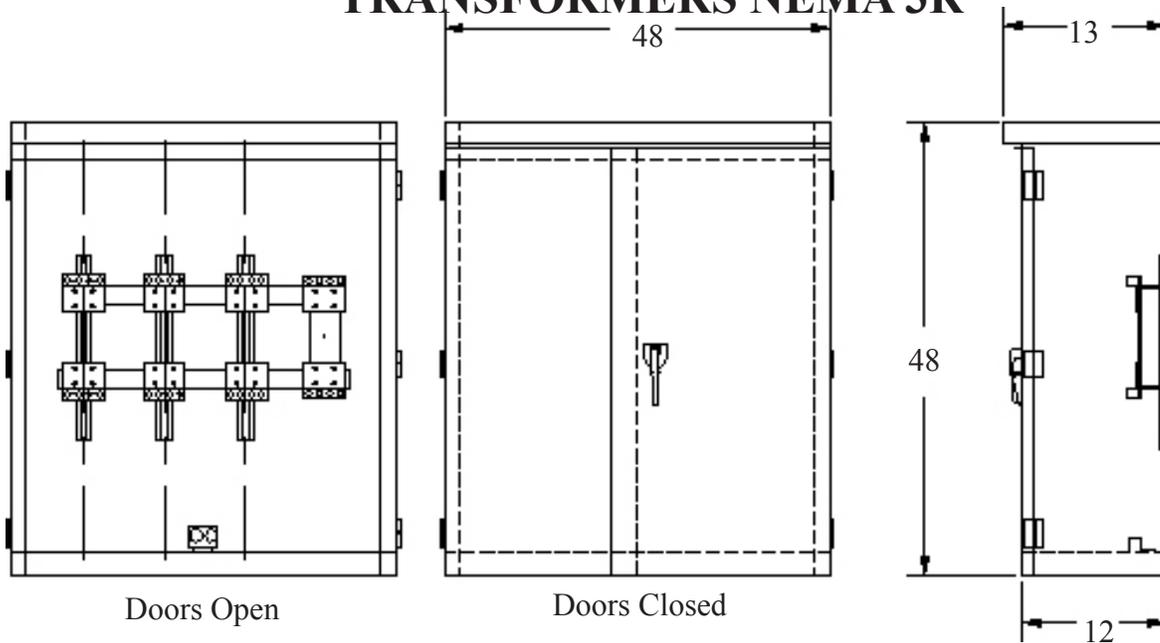
Al-Cu lug furnished. Will accommodate #2-12 conductors.

Vents are designed to meet ANSI C57.12.28-1988 for pad mounted equipment enclosure integrity.

Special sizes and modifications available upon request.

Catalog Number	Pkg	Depth	Width	Height	Board Size (W x H)
BACT102424RC	1	10"	24"	24"	21" x 21"
BACT122424RC	1	12"	24"	24"	21" x 21"
BACT123636RC	1	12"	36"	36"	32" x 32"
BACT133232RC	1	13"	32"	32"	29" x 29"
BACT133636RC	1	13"	36"	36"	32" x 32"

CURRENT TRANSFORMER ENCLOSURES FOR BAR TYPE CURRENT TRANSFORMERS NEMA 3R



MOUNTING DEVICE

6 500MCM-4 hole connectors mounted on fiberglass reinforced thermoset polyester. The fiberglass is mounted on H-BAR EXTRUSION and is adjustable.

DOOR

Standard swinging door with stainless steel lift off hinges and stainless steel 3-point locking handle. Doors have brackets, which hold them in the open position.

MATERIAL

.090 aluminum, unpainted (standard). Optional powder coat at extra charge (contact your rep). .125 material upon request add "-H".

GROUND LUG

1-DLA-250
(standard)

LOUVER (optional)

3 sets of 4" louvers with screens not shown on picture.

HUB

When requested at extra charge.

HUB1 - 1 inch diameter

HUB125 - 1.25 inch diameter

HUB15 - 1.5 inch diameter

HUB2 - 2 inch diameter

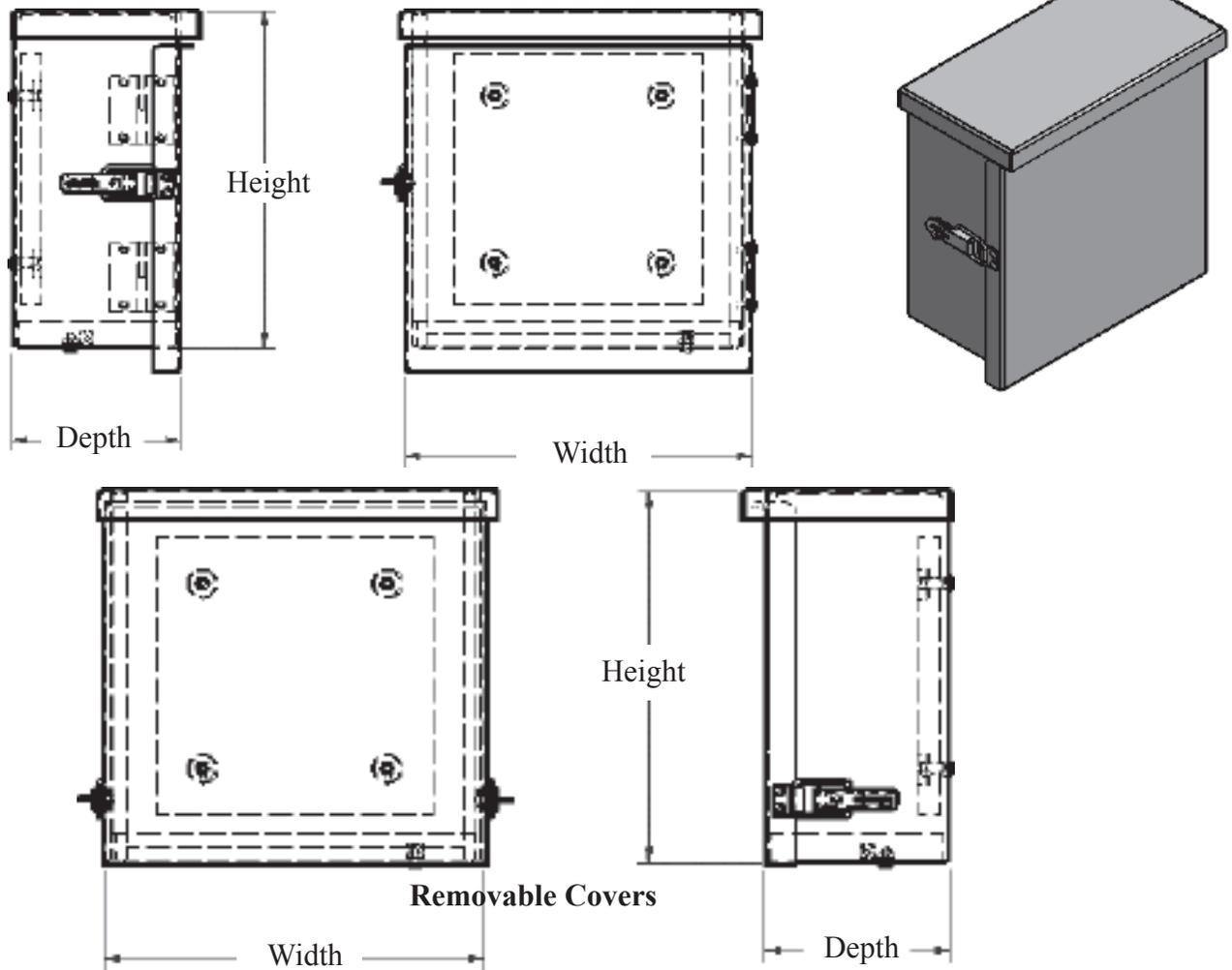
Special sizes & modifications available upon request

Catalog Number	Depth	Width	Height	No. of Conductors per Phase
BACT124848-4LUG	12"	48"	48"	4 (500MCM - 10)
BACT123636DD-4LUG	12"	36"	36"	4 (500MCM - 10)
BACT133636DD-4LUG	13"	36"	36"	4 (500MCM - 10)
BACT174848DD-6LUG	17"	48"	48"	6 (500MCM - 10)
BACT206060DD-4LUG	20"	60"	60"	4 (500MCM - 10)

B-Enclosures

TERMINAL AND JUNCTION BOXES NEMA 3R

Drop Hinge



Standard size or special size available upon request

Catalog Number	Depth	Width	Height
BAT488RC	4"	8"	8"
BAT4812RC	4"	8"	12"
BAT41212RC	4"	12"	12"
BAT61212RC	6"	12"	12"
BAT61818RC	6"	18"	18"
BAT4812DH	4"	8"	12"
BAT41212DH	4"	12"	12"
BAT61212DH	6"	12"	12"
BAT61818DH	6"	18"	18"

GROUND LUG

Al-Cu lug furnished (standard).
Will accommodate #2-12 conductors.

MOUNTING BOARD

3/4" exterior grade treated plywood, standard. Add "-AP" for aluminum back-plate at extra charge.

MATERIAL

3/4" exterior grade plywood.
.125 material upon request add "-H".

COVERS

(RC) Removable or (DH) drop hinges with latch for sealing.

B-Enclosures

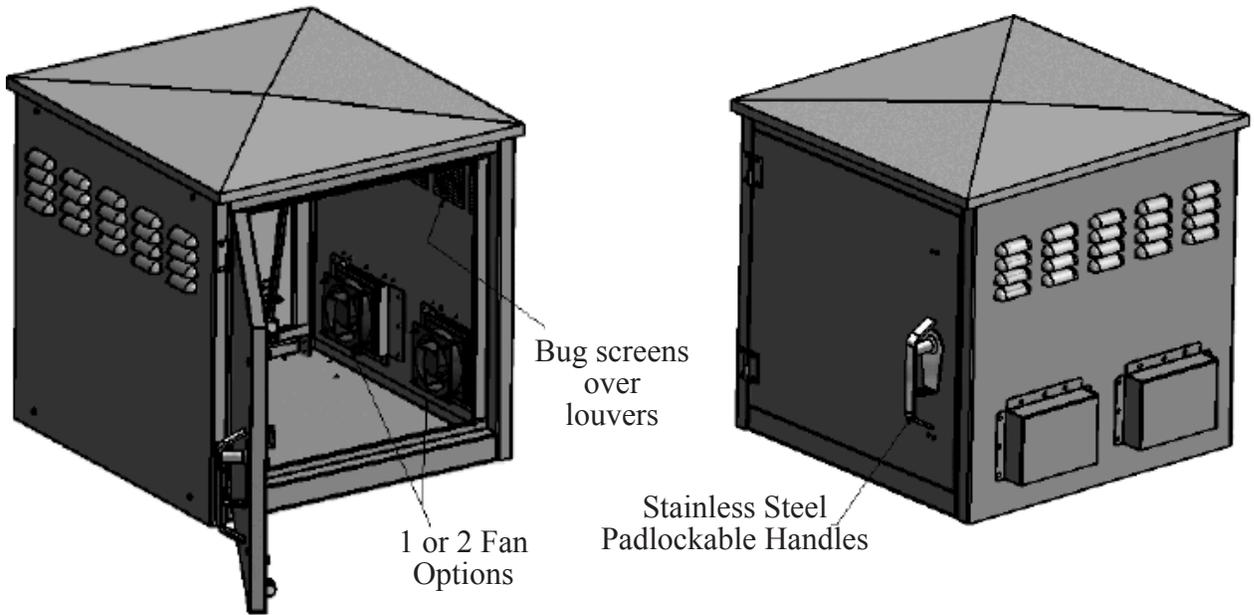
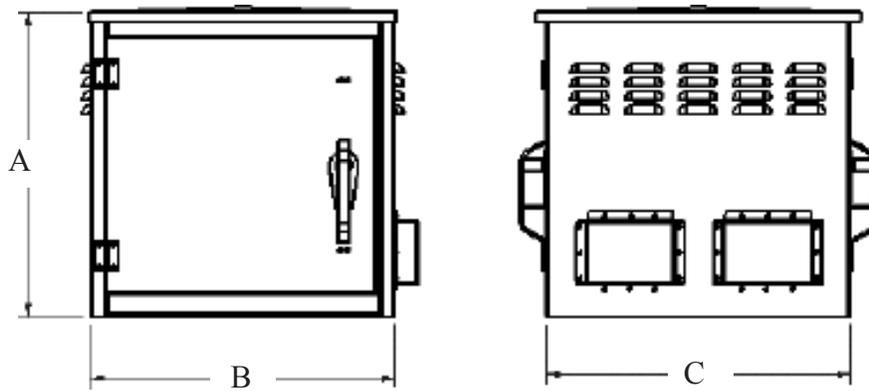
ALUMINUM TURTLE SYSTEM ENCLOSURE

- Cabinet constructed from .090 aluminum.
- Louvers with screens on top of each side for ventilation.
- Perforations at bottom center of outside with cover and fan mount.
- 3-point stainless steel latching mechanism will accept padlock on each door.
- Stainless steel hinges.
- Ground lug provided in cabinet bottom, (standard).
- Four 0.50/0.75 and two 01.125 knockouts provided in cabinet bottom.
- Vent fan with power cord and air filter included, optional second fan available add “- 2F”.



Catalog Numbers
BATS282828FBSD-1F
BATS282828FBSD-1F-F
BATS282828FBSD-1F-L12
BATS282828FBSD-1F-L30
BATS282828FBSD-1F-L36
BATS282828FBSD-1F-P
BATS282828FBSD-2F
BATS282828FBSD-2F-F
BATS282828FBSD-2F-L12
BATS282828FBSD-2F-P
BATS313128FBSD-1F
BATS313128FBSD-1F-F
BATS313128FBSD-1F-L12
BATS313128FBSD-1F-P
BATS313128FBSD-2F
BATS313128FBSD-2F-F
BATS313128FBSD-2F-L36
BATS313128FBSD-2F-P

TURTLE CABINET BASE CABINET

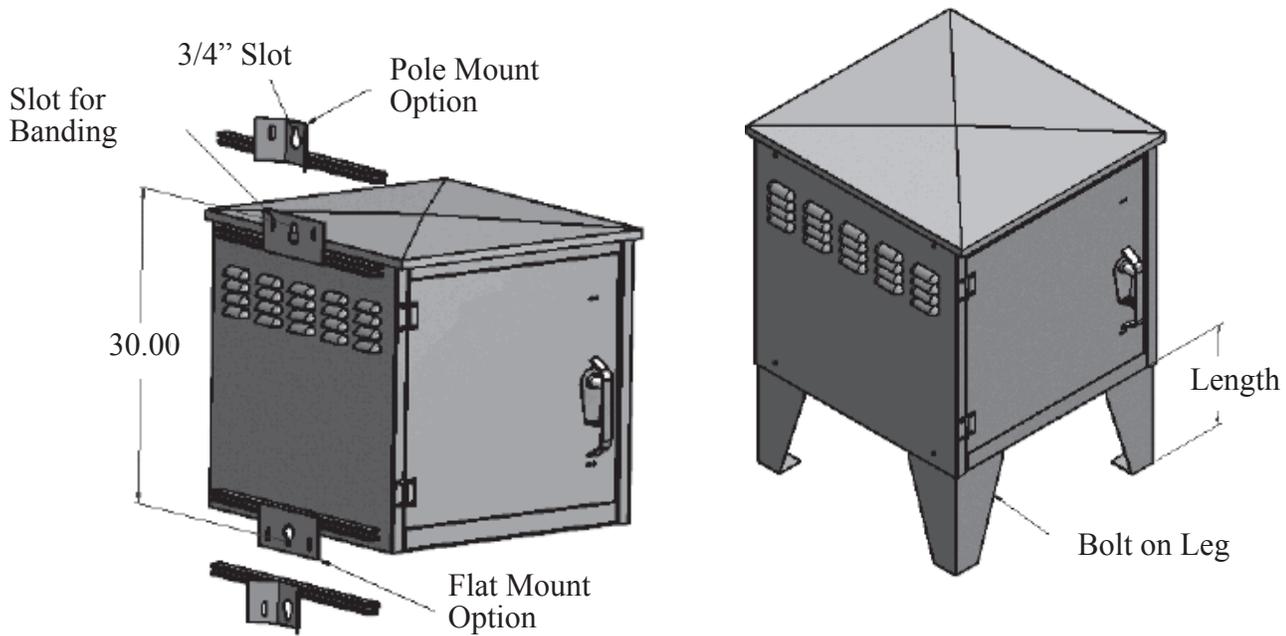


Catalog Number			Dimensions		
Base Cabinet	1 or 2 Fans	-	A	B	C
BATS282828FBSD	-1F	-	28	28	28
BATS313128FBSD	-2F	-	31	31	28
BATS282828FBSD	-1F	-	28	28	28
BATS313128FBSD	-2F	-	31	31	28

Example: BATS313128SDFB-2F
(31 x 31 x 28 Cabinet with 2 Fans)

TURTLE CABINET MOUNTING KITS

Ordered with cabinet



Turtle Cabinet Mount		
Suffix	-	Style
F	-	Flat
P	-	Pole

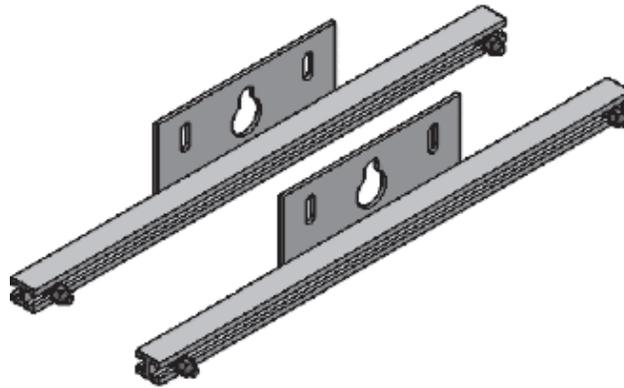
Example:
 BATS313128SDFB-2F -P
 (31 x 31 x 28 Cabinet with 2 Fans
 and Pole Mount)

Turtle Cabinet Legs		
Suffix	-	Length
L12	-	12
L24	-	24
L30	-	30
L36	-	36

Example:
 BATS313128SDFB-2F -L24
 (31 x 31 x 28 Cabinet with 2
 Fans and 12" Legs)

TURTLE CABINET MOUNTING KITS

Ordered Separately

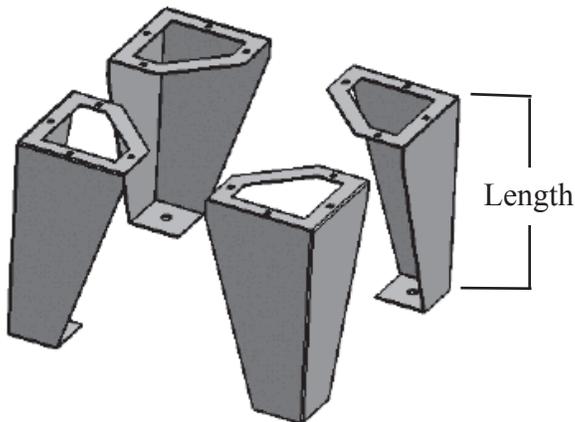
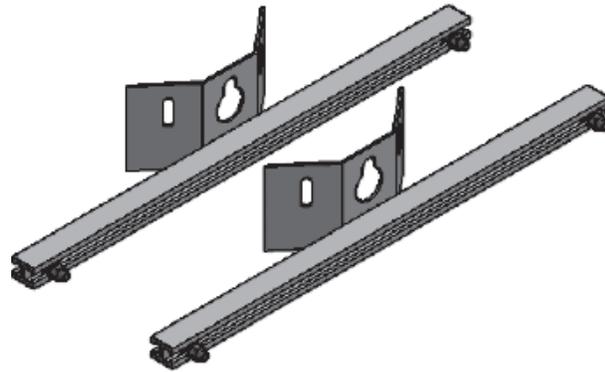


Flat Mount Kit

BA3FMBH-22

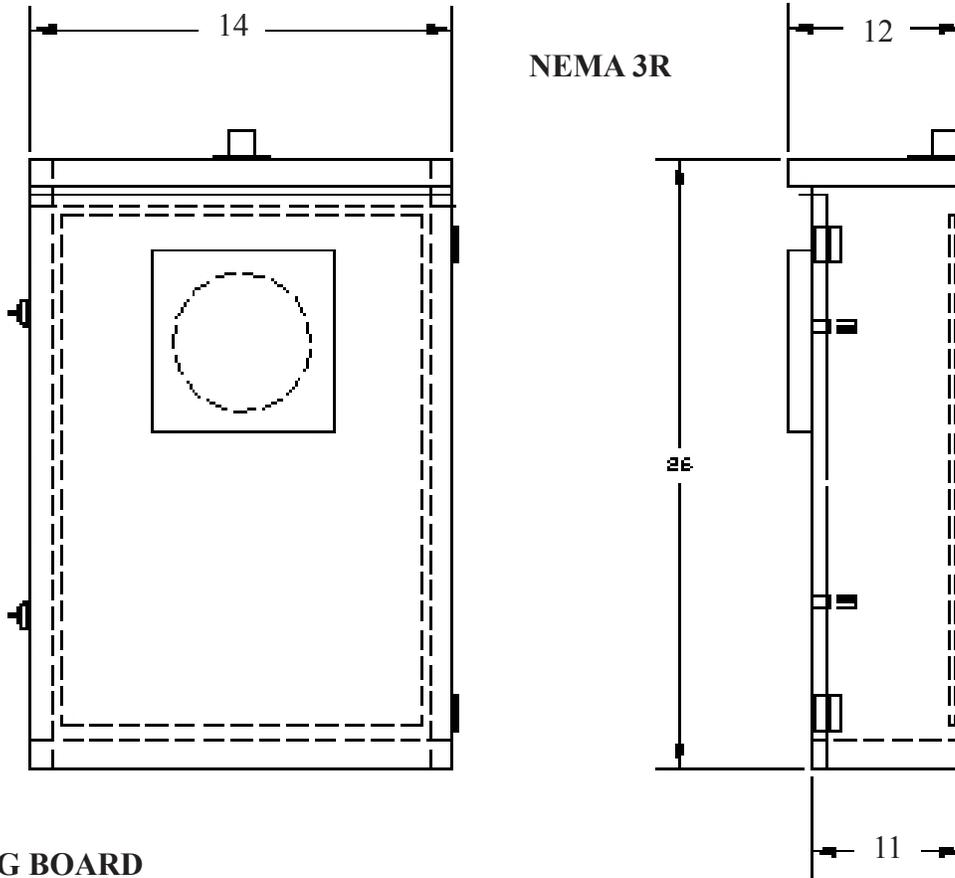
Pole Mount Kit

BA3PMBH-22



Turtle Cabinet Leg Kits		
Catalog Number	-	Length
BATS LEG 12 SET	-	12
BATS LEG 24 SET	-	24
BATS LEG 30 SET	-	30
BATS LEG 36 SET	-	36

SINGLE POSITION "A" BASE METER ENCLOSURE



MOUNTING BOARD

3/4" exterior grade plywood (standard) or aluminum, add "-AP".

POLE HANGER

3 aluminum brackets furnished, BA-103 (standard).

HUB

When requested at extra charge.
 HUB1 - 1 inch diameter
 HUB125 - 1.25 inch diameter
 HUB15 - 1.5 inch diameter
 HUB2 - 2 inch diameter

MATERIAL

.063 thickness
 Aluminum, unpainted (standard).

GROUND LUG

AL-CU lug furnished, #2-12 conductors (standard).

WINDOW ACCESSORIES

7 1/2" round opening with aluminum demand reset cover.

Catalog Number	PKG	Depth	Width	Height	Board Size (W X H)
BA111426DWSD	1	11"	14"	26"	11" x 21"

FIBER OPTIC ENCLOSURE

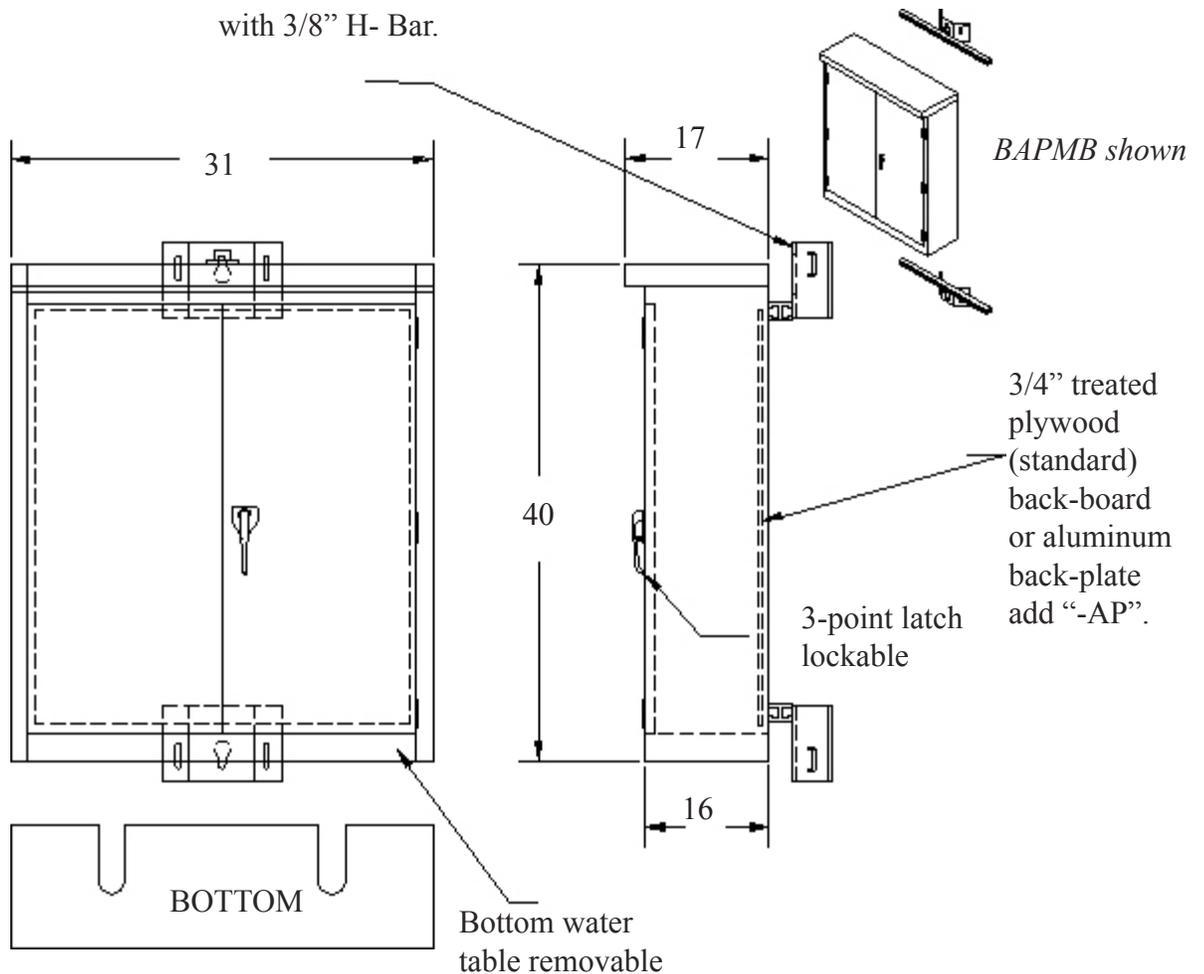
.090 aluminum cabinet.
 Lifting eyes provided.
 Stainless steel hinges.
 Stainless steel padlock handle.
 Double doors.
 Unpainted (standard).

Mounting brackets sold separately.



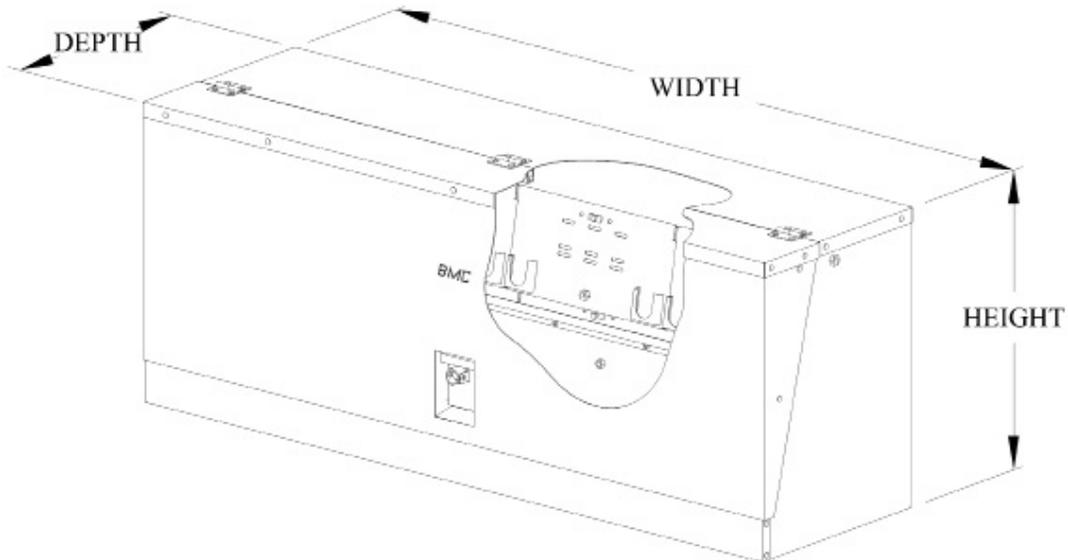
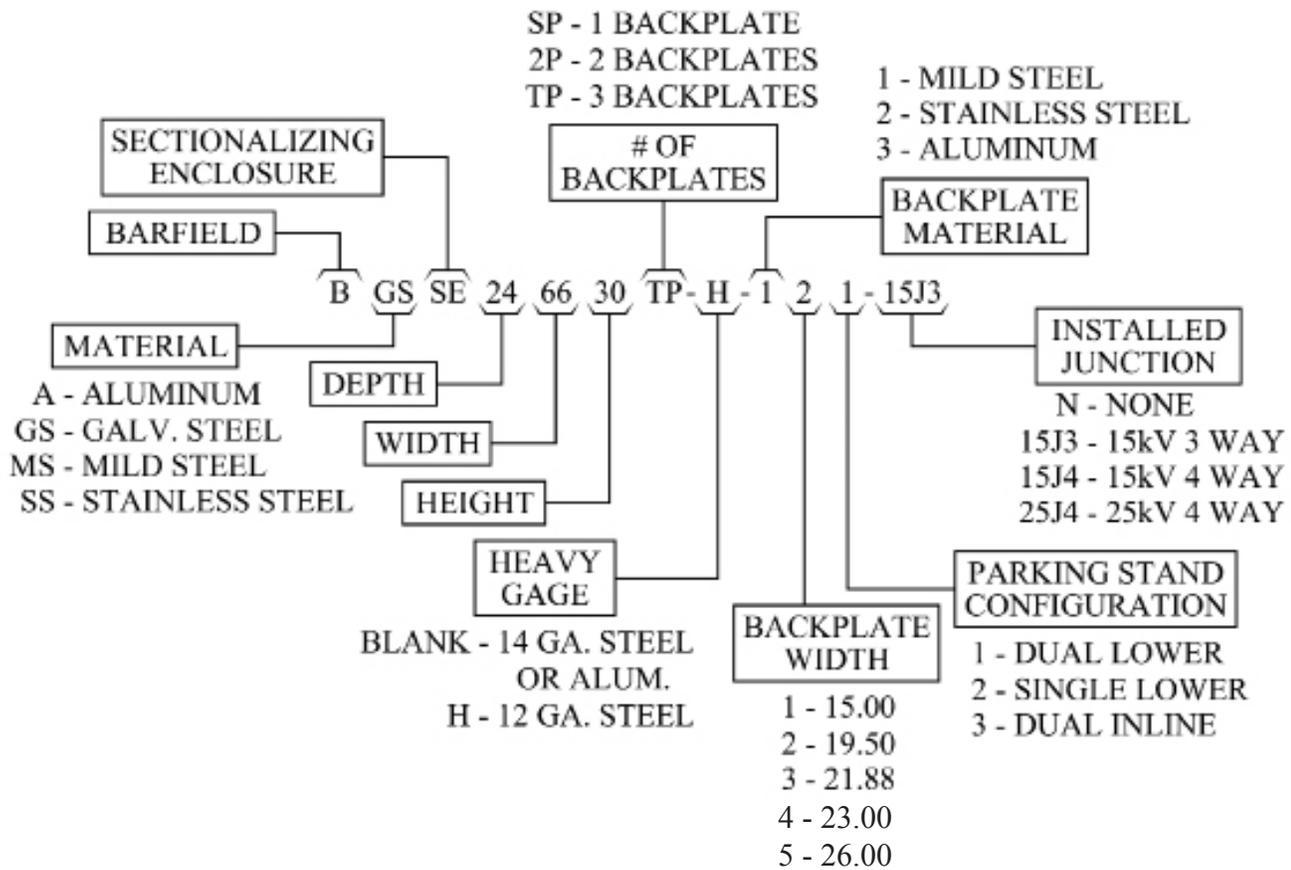
Catalog Number	Depth	Width	Height
BA163148FMDD	16"	31"	48"

BAPMBH or BAFMBH
 with 3/8" H- Bar.



B-Enclosures

SECTIONALIZING ENCLOSURES SINGLE AND THREE PHASE 15, 25 & 35KV



B-Enclosures

SECTIONALIZING ENCLOSURES SINGLE AND THREE PHASE 15, 25 & 35KV



- Heavy-Duty channelized construction.
- Standard cabinet is fabricated from 14 gauge galvaneel steel.
 Also available in 12 gauge galvaneel steel, (add “-H”)
 Also available in mild steel (replace the “G” with “M”)
- Also available in stainless steel or aluminum (contact rep).
- Heavy duty wind locks are standard on all models.
- Custom sizes and special junction mounting brackets available.
- Stainless steel hinge barrels, pins, padlock hasp, and exterior hardware.
- Ground nut provision for each phase. Units shipped completely assembled (except Junctions).
- Oven cured green powder coat polyester finish exceeds ANSI standard C57.12.28.
- Standard paint color: Munsell dark green. Other colors available.

Provides a safe and convenient primary cable terminating, sectionalizing, tapping, and switching point for underground distribution systems.

SINGLE PHASE

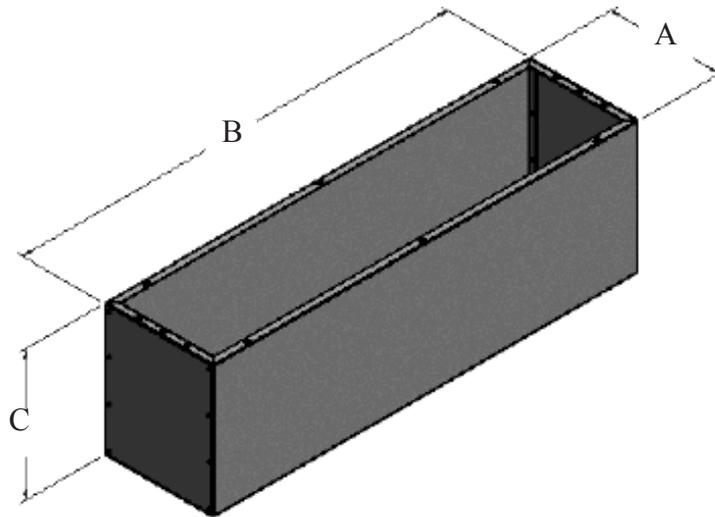
Catalog Number	Depth	Width	Height	Usable Junctions
BGSSE162630SP	16”	26”	30”	4 - WAY
BGSSE182630SP	18”	26”	30”	4 - WAY
BGSSE183030SP	18”	30”	30”	4 - WAY
BGSSE186030SP	18”	60”	30”	4 - WAY
BGSSE223030SP	22”	30”	30”	4 - WAY

THREE PHASE

Catalog Number	Depth	Width	Height	Usable Junctions
BGSSE224830TP	22”	48”	30”	4 - WAY
BGSSE166030TP	16”	60”	30”	4 - WAY
BGSSE184830TP	18”	48”	30”	3 - WAY
BGSSE186030TP	18”	60”	30”	4 - WAY
BGSSE226030TP	22”	60”	30”	4 - WAY
BGSSE226630TP	22”	66”	30”	4 - WAY
BGSSE228430TP	22”	84”	30”	4 - WAY

See pages B-14
and B-15
for Burial
Sleeves.

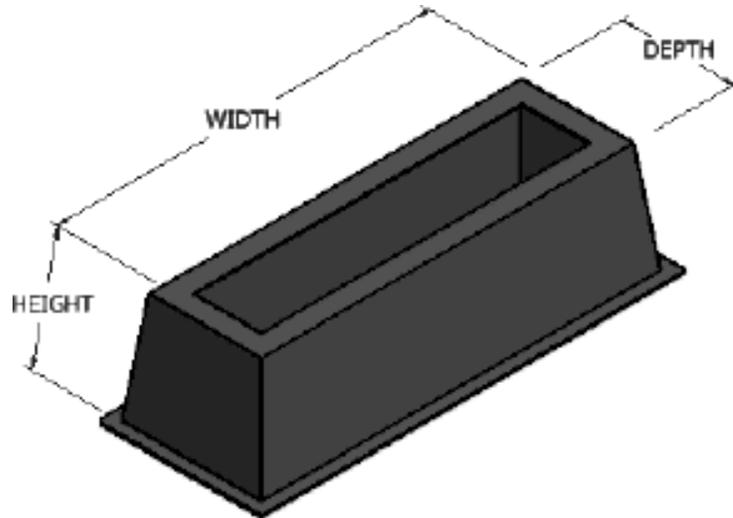
PRIMARY SECTIONALIZING ENCLOSURE BURIAL SLEEVE



Catalog Number	Fits Cabinet Number	Depth A	Width B	Height C
BGSBS182620	BGSSE182630SP	16.50	26	20
BGSBS183020	BGSSE183030SP	16.50	30	20
BGSBS186020	BGSSE186030TP	16.50	60	20
BGSBS223020	BGSSE223030SP	20.50	30	20
BGSBS223620	BGSSE223630SP	20.50	36	20
BGSBS166020	BGSSE166030TP	14.50	60	20
BGSBS184820	BGSSE184830TP	16.50	48	20
BGSBS186020	BGSSE186030TP	16.50	60	20
BGSBS222420	BGSSE224830TP	20.50	48	20
BGSBS226020	BGSSE226030TP	20.50	60	20
BGSBS226620	BGSSE226630TP	20.50	66	20
BGSBS227820	BGSSE227830TP	20.50	78	20
BGSBS228420	BGSSE228430TP	20.50	84	20

- All steel burial sleeves are fabricated from 14-gauge galvanized steel and have an oven cured powder coat polyester finish. (Also available in aluminum us “BA” catalog number, e.g.: BABS228420).
- 12 gauge galvanized steel available upon request (add suffix “-H”)
- 304 stainless steel carriage bolts supplied for assembly.

FIBERGLASS CABINET BASES/FOUNDATIONS

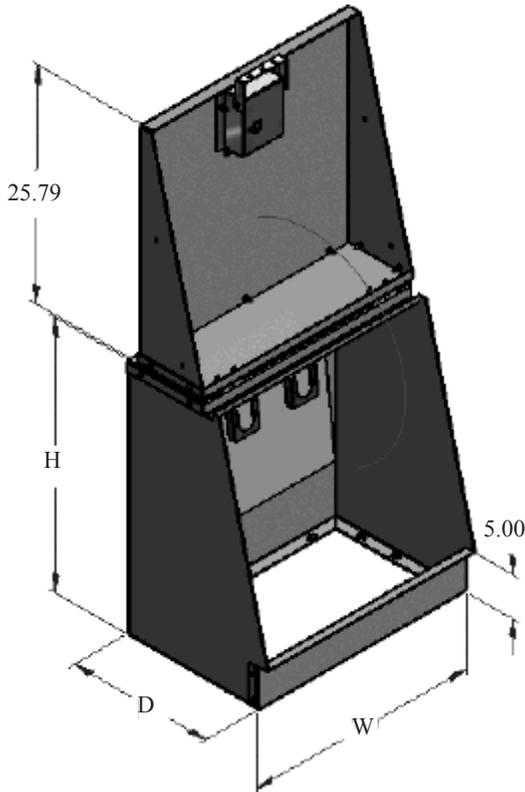


Catalog Number	Depth	Width	Height	Fits Cabinet No.
BFGBS182618	16.5"	26"	18"	BGSSE182630SP
BFGBS183018	16.5"	30"	18"	BGSSE183030SP
BFGBS184818	16.5"	48"	18"	BGSSE184830TP
BFGBS223018	20.5"	30"	18"	BGSSE223030SP
BFGBS223618	20.5"	36"	18"	BGSSE223630SP
BFGBS166018	14.5"	60"	18"	BGSSE166030TP
BFGBS184818	16.5"	48"	18"	BGSSE184830TP
BFGBS186018	16.5"	60"	18"	BGSSE186030TP
BFGBS224818	20.5"	48"	18"	BGSSE224830TP
BFGBS226018	20.5"	60"	18"	BGSSE226030TP
BFGBS226618	20.5"	66"	18"	BGSSE226630TP
BFGBS227818	20.5"	78"	18"	BGSSE227830TP
BFGBS228418	20.5"	84"	18"	BGSSE228430TP
BFGBS164818	16.5"	48"	18"	BA164854DD

Non-corrosive and non-conducting base/foundation for mounting sectionalizing cabinets, fusing cabinets or similar applications. Allows ample space for training cables. Easily drilled to accept mounting hardware. Eliminates any concern with corrosion degradation common with metal foundations.

The base is manufactured from durable, non-corrosive, thermoset polyester resin reinforced with fiberglass. The base is maintenance free. Internal or external ribs provide structural integrity and uniform nesting. The bases can be re-stacked and transported without binding. Other sizes available upon request.

ALUMINUM PRIMARY SECTIONALIZING ENCLOSURES SINGLE AND THREE-PHASE 15, 25 & 35KV



PRIMARY SECTIONALIZING ENCLOSURES

Provide a safe and convenient primary cable terminating, sectionalizing, tapping, and switching point for underground distribution systems. Available in sizes for use on single and three phase.

FINISH

Green powder coated finish exceeds ANSI standards and will blend in with the surroundings.

All units are designed to meet ANSI C57.12.28-1988 for pad mounted equipment enclosure integrity.

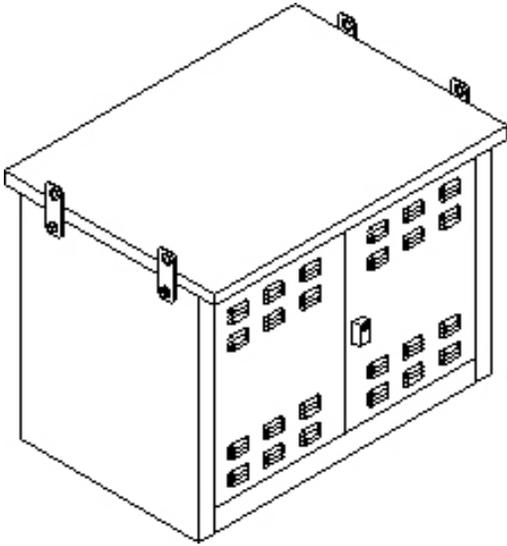
Catalog Number	Depth	Width	Height	Material
BASE153030SP	15"	30"	30"	.090 Aluminum
BASE183030SP	18"	30"	30"	.090 Aluminum
BASE223030SP	22"	30"	30"	.090 Aluminum
BASE154830TP	15"	48"	30"	.090 Aluminum
BASE156030TP	15"	60"	30"	.125 Aluminum
BASE186030TP	18"	60"	30"	.125 Aluminum
BASE186430TP	18"	64"	30"	.125 Aluminum
BASE226630TP	22"	66"	30"	.125 Aluminum

FEATURES:

- When constructed of .090 aluminum as standard, .125 available upon request add suffix "-H".
- Single or three phase.
- Stainless steel Penta-head bolt and stainless steel padlocking handle.
- All 304 stainless steel hardware.
- Ground lugs located on mounting plate and on the enclosure for concentric neutral.
- Mounting plates are available to fit 2, 3, or 4 way multi-taps with parking stand.
- Aluminum, steel or fiberglass burial sleeves available.
- A wind stop is included on all top hinged units for operating safety.

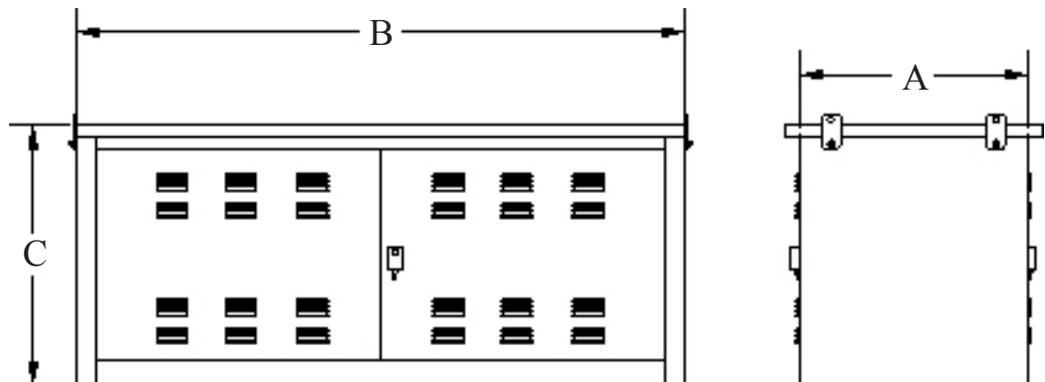
PRIMARY METER ENCLOSURES

Cabinet Technical Data



- Designed to conform to ANSI C57.1228.
- Fabricated from .125 aluminum (unpainted standard), or 12 gauge galvanized steel (painted standard).
- If painted, will be Powder Coated Pad Mount Green.
- Unit will be supplied with 3-point stainless steel latch with penta-head bolt.
- Unit will be supplied with isolating barriers between phases in the transformer compartment.
- Unit shall be supplied with .250" clear polycarbonate barriers in the transformer department.
- Unit will be supplied with lift provisions adequate to withstand handling with normal utility equipment after the instrument transformers have been installed.

Catalog Number	Doors	Depth A	Width B	Height C
BA424245FBD	4	42"	42"	45"
BA424254FBD	4	42"	42"	54"
BA424263FBD	4	42"	42"	63"
BA428542FBD	6	42"	85"	45"
BA428553FBD	6	42"	85"	53"
BA428563FBD	6	42"	85"	63"
BA4212845FBD	6	42"	128"	45"
BA4212853FBD	6	42"	128"	53"
BA4212863FBD	6	42"	128"	63"
BA545463FBD	4	54"	54"	63"
BA5410963FBD	6	54"	109"	63"
BA5416463FBD	6	54"	164"	63"

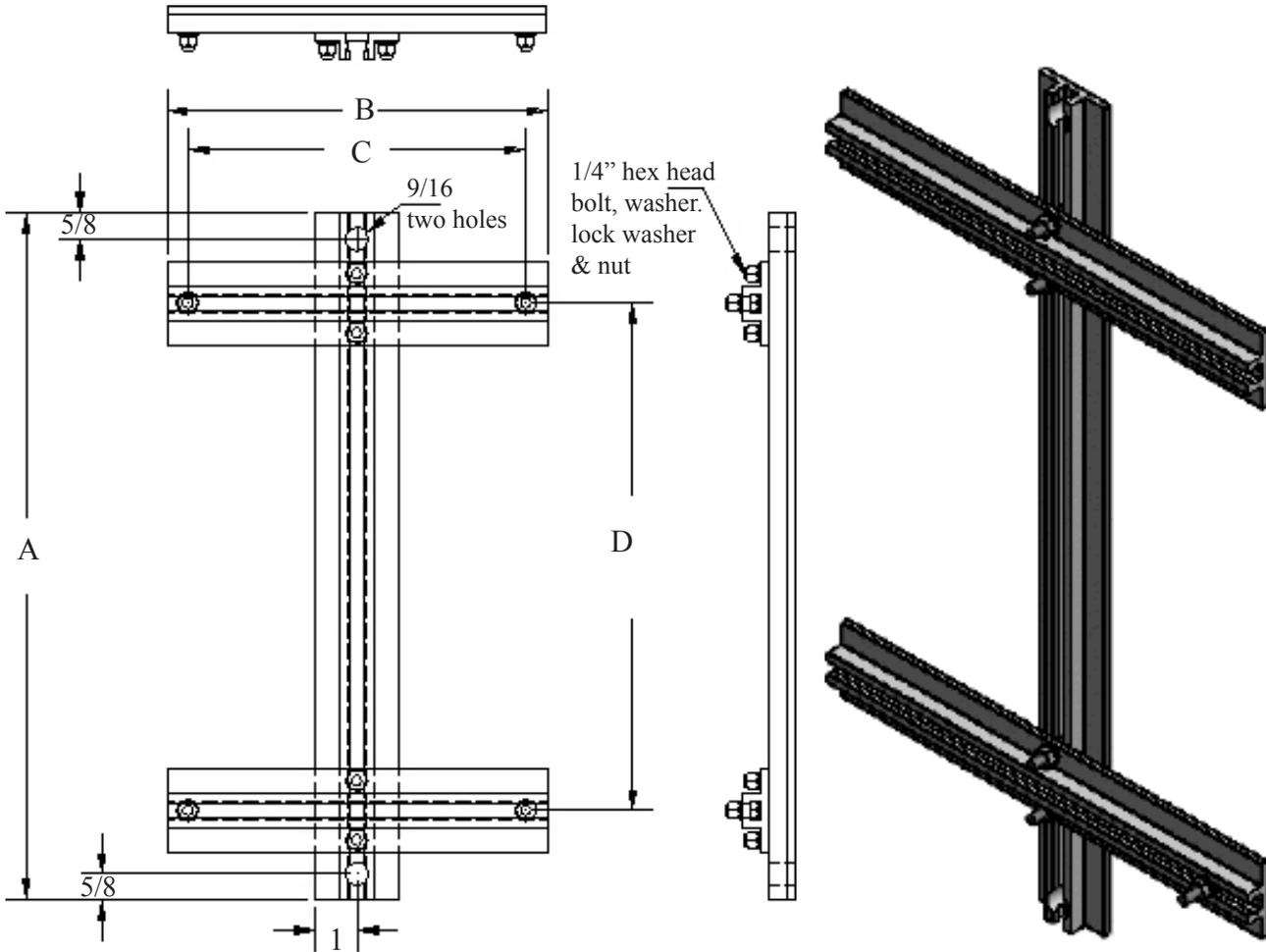


B-Enclosures

== MULTI PURPOSE CABINET MOUNTING BRACKETS ==

T-Slot adjustable multi-purpose mounting bracket for cabinets or other light duty enclosures.

Bracket is designed for attaching to poles or walls.



Catalog Number	A	B	C	D
BCB-1218	22.25	13.0	1.0 to 12.0	2.0 to 18.0
BCB-1624	28.25	17.0	1.0 to 16.0	2.0 to 24.0
BCB-1830	34.25	19.0	1.0 to 18.0	2.0 to 30.0

SOLAR CABINET

BGSSE228430TP-H-US1

- Strut design utilized for easy junction hanging
- Heavy-Duty channelized construction.
- Fabricated from 12 gauge galvaneel steel.
- Also available in mild steel, aluminum, or stainless steel (contact rep).
- Heavy duty wind locks are standard.
- Stainless steel hinge barrels, pins, padlock hasp, and exterior hardware.
- Full 3/8" diameter solid copper ground loop standard
- Oven cured green powder coat polyester finish exceeds ANSI standard C57.12.28.
- Standard paint color: Munsell dark green. Provides a safe and convenient primary cable terminating, sectionalizing, tapping, and switching point for underground solar distribution systems.

Exterior dimensions:
22" deep x 84" wide x 30" high.

Optional predrilled 18" mating
fiberglass sleeve
(BFGBS228418-PD)
available, "sold separately".

