COMLINE VERTICAL MOUNT CABINET

Shown with heat exchanger installed

Shown with heat exchanger and customer rack-mount devices installed

INDUSTRY STANDARDS

UL 508A Listed; Type 3, 3R, 4, 4X, 12; File No. E61997

CSA: Type 3, 3R, 4, 4X, 12
NEMA/EEMAC Type 3, 3R, 4, 4X, 12
EC60529, IP66
Designed to meet Telcordia NEBS GR-487, GR-63 and IEC 48D
EIA 310-D with 19-in. spacing for rack equipment
Cabinet is RoHS compliant
NEBS is a trademark of Telcordia

APPLICATION

COMLINE Vertical-Mount Cabinet is ideal for telecommunications industry applications. The unique vertical orientation of the 19-in. rack equipment makes this cabinet especially suitable for pole-mount applications. The narrow cabinet width also makes it very wind resistant. Vertical-Mount Cabinet is ideal for telecommunications industry applications. The unique vertical orientation of the 19-in. rack equipment makes this cabinet especially suitable for pole-mount applications. The narrow cabinet width also makes it very wind-resistant.

FEATURES

- Vertically oriented 19-in. equipment mounting creates a compact, wind-resistant cabinet
- Integral solar shield reduces solar heat load
- Right-side, solid gland plate can be removed and modified as needed
- 6 RU Rack has square hole spacing per EIA universal standards; order cage nuts separately

- Quarter-turn, multi-point, vault-style latching system increases protection and security
- 160-degree door opening with quick-release, retained hinge pins
- Body and door ground studs for bonding and grounding
- Foam-in-place seamless gasket for superior protection against dust and liquid ingress
- Back is prepared with mounting provisions for standard panels
- Mounts to poles or walls

Construction
- One set of vertical-mounted 19-in. rack angles made of self-conducting plated steel have square holes per EIA universal spacing
- Made using Type 5052-H23 aluminum (door: 2.0 mm; body: 0.8 mm)
- Seams continuously welded and ground smooth
- Solid gland plate made of .125-mm aluminum included with perimeter flange, seamless gasket, fasteners and mounting holes. Order pre-cut heat exchanger and air conditioner gland plates separately.

FINISH

RAL 7035 light-textured, low-gloss polyester powder paint over pretreated surfaces. Custom finishes available; please contact your local Hoffman sales office.
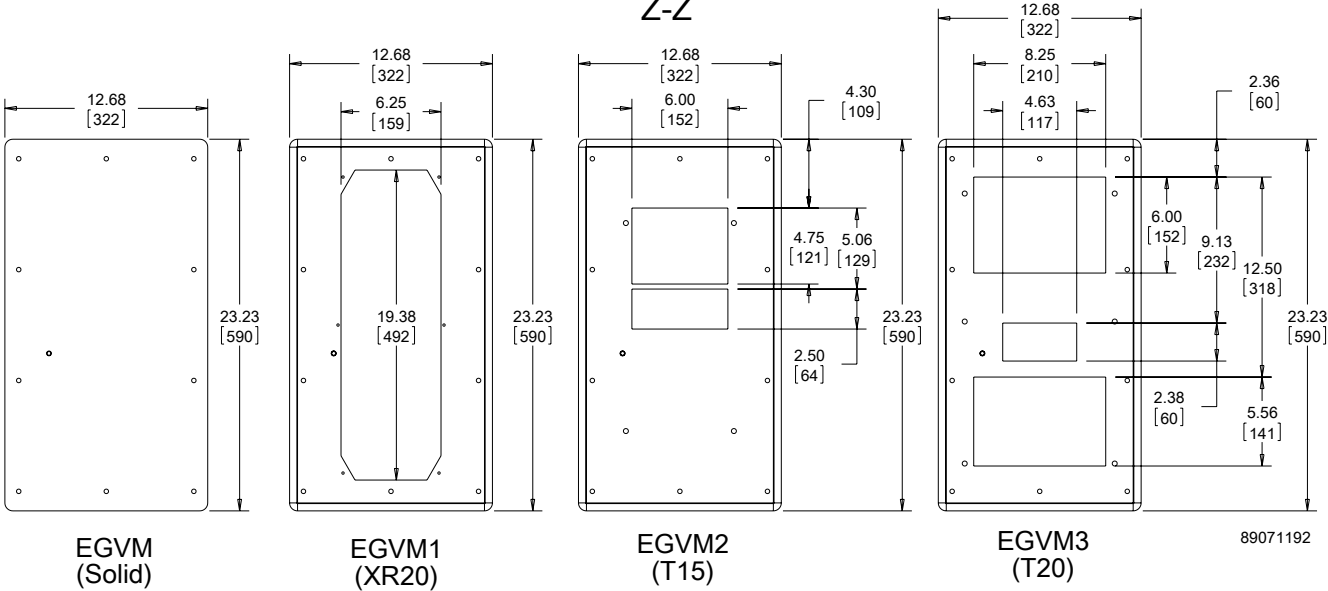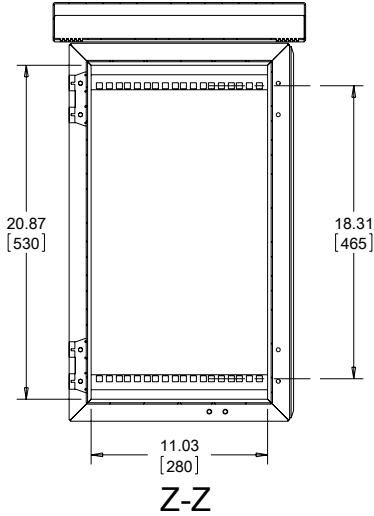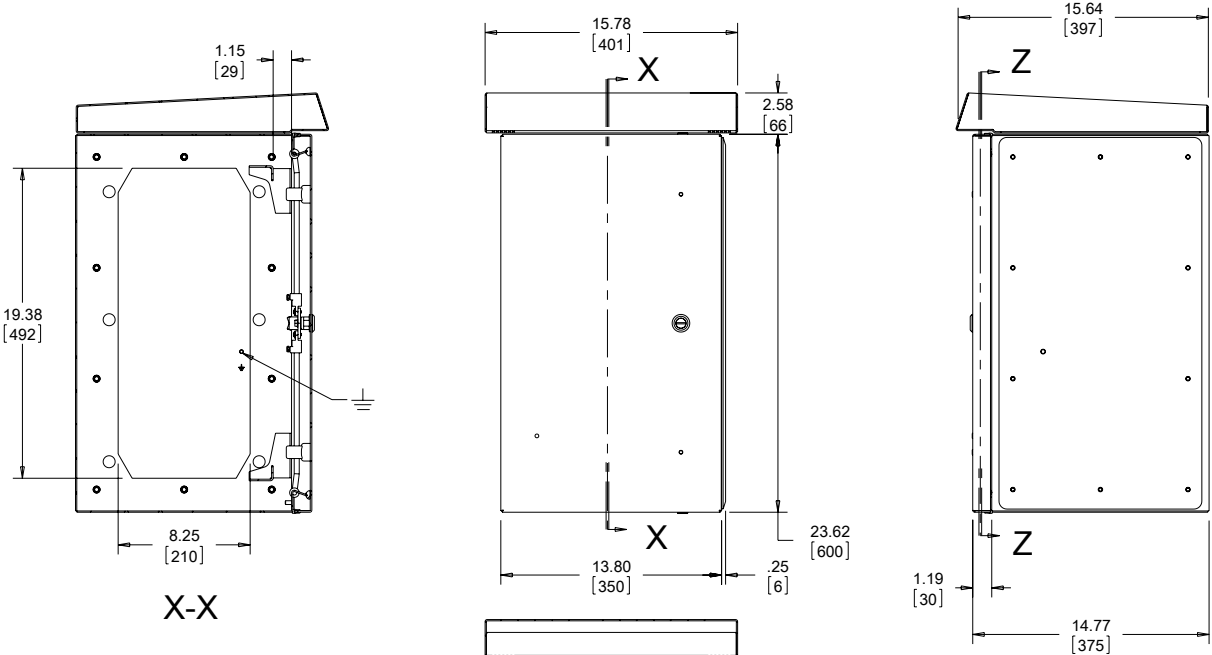
BULLETIN: DCOM, DCOMY

Standard Product **COMLINE Vertical Mount Cabinet**

Catalog Number	AxBxC in./mm	Rack Units Vertical
ECL603537VP	23.62 x 13.78 x 14.76 600 x 350 x 375	5

Standard Product **Gland plates for COMLINE Vertical Mount Cabinet**

Catalog Number	AxBxC in./mm	Use with
EGVM	23.23 x 12.68 x 0.35 590 x 322 x 9	Solid
EGVM1	23.23 x 12.68 x 0.35 590 x 322 x 9	XR20 Heat Exchanger
EGVM2	23.23 x 12.68 x 0.35 590 x 322 x 9	T15 AC Unit
EGVM3	23.23 x 12.68 x 0.35 590 x 322 x 9	T20 AC Unit

*Order heat exchanger and air conditioner gland plates separately.

X-X

Z-Z

EGVM
(Solid)

EGVM1
(XR20)

EGVM2
(T15)

EGVM3
(T20)

89071192

GROUND BUSS

This copper Ground Buss provides wiring tie points within the cabinet. Mounts on studs provided on cabinet side. Tie-point spacing is 3/4-in. pair-to-pair and 5/8-in. across each pair. Ground studs are 1/4-20 x .75-in. on 3/4-in. centers.

BULLETIN: DCOMY

Catalog Number	Description
EGBB1	6-position, double-lug buss
EGBB2	12-position, double-lug buss

HANDLE OPTIONS

EPL4

ELHP

DL36

Handle Options can be padlocked for added security. Kit includes handle and mounting hardware. Install using existing enclosure cam.

BULLETIN: A80, DCOMY

Catalog Number	Description
ELHP	Padlocking L-Handle
EPL4	Padlocking quarter-turn with key
DL36	Locking wing nut with 2 keys, silver finish

CLIP NUT PACKAGE

Twenty plated clip nuts fit all rack-mounting angles with .281-in. (7-mm) diameter holes (through-hole type).

BULLETIN: A80

Catalog Number	Description	Pkg. Qty.	Fits
AN1032	Clip Nut 10-32	20	.281-diameter mounting holes
ANM5	Clip Nut M5 (Metric)	20	.281-diameter mounting holes

SCREW PACKAGE

Screws attach rack panels and rack-mounted equipment to rack-mounting angles.

BULLETIN: A80, DACCY

Catalog Number	Color	Description	Pkg. Qty.
ES1224	Silver	12-24 x 5/8 in. combo head	20
ES1224250	Silver	12-24 x 5/8 in. combo head	250
ES1224B	Black	12-24 x 5/8 in. combo head	20
ES1224B250	Black	12-24 x 5/8 in. combo head	250
ASM5	Silver	M5 x 20 mm Combo Head	20
ASM6	Silver	M6 x 16 mm combo head	20
ASM5T	Silver	M5 x 12 mm thread-forming Phillips hex head screws	20
ASM6250	Silver	M6 x 16 mm combo head	250
AS1032	Silver	10-32 x 5/8 in. combo head	20
AS1032250	Silver	10-32 x 5/8 in. combo head	250
AS1032B	Black	10-32 x 5/8 in. combo head	20

Use ASM5T on PROLINE frame or Net Series extruded holes.

MOUNTING BRACKET KITS

Mounting Bracket Kits are available in stainless steel or composite material. Kit includes 4 brackets and mounting hardware.

BULLETIN: A80

Catalog Number	Description
CMFK	Steel
CMFKSS	Stainless Steel
CMTGFT	Composite

WALL MOUNTING BRACKET

Wall Mounting Bracket bolts to enclosure back thread holes and facilitates easy mounting to walls. Made of 0.10 aluminum with cabinet matching RAL 7035 finish.

BULLETIN: DCOMY

Catalog Number	AxBxC in./mm	Description
EMB1	1.73 x 30.20 x 21.26 44 x 767 x 540	Aluminum

Notes