MEDIUM GL66 SERIES MILD STEEL WALL-MOUNT ENCLOSURES

INDUSTRY STANDARDS

Wall-mounting brackets required to maintain UL/CSA external mounting requirement.
Solid Single-Door models

UL 508A Listed; Type 4, 12; File No. 61997 cUL Listed per CSA C22.2 No. 94; Type 4, 12; File No. 61997

NEMA/EEMAC Type 4, 12, 13
CSA File No. 42186: Type 4, 12
IEC 60529, IP66

Solid 2-Door models

UL 508A Listed; Type 12; File No. 61997 cUL Listed per CSA C22.2 No. 94; Type 12; File No. 61997

NEMA/EEMAC Type 12
CSA File No. 42186: Type 12
IEC 60529, IP55

APPLICATION

With streamlined styling and a durable light-gray finish, these enclosures are an excellent option when style and function are key. These enclosures are ideal for indoor or outdoor applications which require corrosion protection from chemicals and water. The enclosures contain an external body flange to prevent contaminants from entering the enclosure; a strong door with removable hinges; a conductive panel and quarter-turn latch with 3mm double-bit insert for a secure closure.

SPECIFICATIONS

- Dimensions in millimeters
- Manufactured from 1.2-mm, 1.5-mm and 1.9-mm thick steel (18, 16 and 14 gauge)
- Quarter-turn latches furnished with 3mm double-bit insert
- Pre-cut gland plate opening(s) for cable entry in enclosure bottom
- External formed 90 degree body flange
- Three-point latching on enclosures 1000-mm high and taller
- Door alignment device on doors with three-point latching on enclosures 800 mm or wider
- Door opens 210 degrees
- Right-hand hinged door with sealed hinges and hinge brackets
- Simple, easy-to-remove and install hinge pins
- Mounting holes in back of body for direct mounting or for optional external mounting brackets
- Seamless foam-in-place gasket
- Grounding stud on the body
- Bonding provision on the door
- Full-size galvanized steel back panel included
- Furnished hardware kit includes panel mounting screws, grounding hardware and sealing washers for wall-mounting holes
- Installation instructions

FINISH

RAL 7035 textured, light-gray polyester powder paint inside and out. Panel is galvanized.

ACCESSORIES

Panel
Gland Plate
Door Stop Kit
Lock Inserts
Handles
Mounting-Bracket Kit
Door Bars
Data Pocket
100-mm Plinth Base for 800 mm wide enclosures

MODIFICATION AND CUSTOMIZATION

nVent HOFFMAN excels at modifying and customizing products to your specifications. Contact your local nVent HOFFMAN sales office or distributor for complete information.
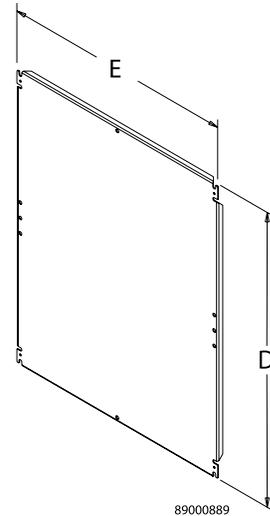
BULLETIN: GL66M

Standard Product

Catalog Number	AxBxC in./mm	Body Thickness mm	Body Thickness Gauge	Door Thickness mm	Door Thickness	Latch Type	Gland Plate Qty.	D x E mm/in.	G x H mm/in.	J mm/in.	P x Q mm/in.
M300200150	11.81 x 7.87 x 5.91 300 x 200 x 150	1.2	18	1.2	18	Quarter-turn	0	255 x 155 10.04 x 6.10	262 x 162 10.31 x 6.38	100 3.94	– –
M300300225G	11.81 x 11.81 x 8.86 300 x 300 x 225	1.2	18	1.2	18	Quarter-turn	1	255 x 255 10.04 x 10.04	262 x 262 10.31 x 10.31	150 5.91	180 x 90 7.09 x 3.54
M300400225G	11.81 x 15.75 x 8.86 300 x 400 x 225	1.2	18	1.2	18	Quarter-turn	1	255 x 355 10.04 x 13.98	262 x 362 10.31 x 14.25	150 5.91	280 x 90 11.02 x 3.54
M400300225G	15.75 x 11.81 x 8.86 400 x 300 x 225	1.2	18	1.2	18	Quarter-turn	1	355 x 255 13.98 x 10.04	362 x 262 14.25 x 10.31	200 7.87	180 x 90 7.09 x 3.54
M400400225G	15.75 x 15.75 x 8.86 400 x 400 x 225	1.2	18	1.2	18	Quarter-turn	1	355 x 355 13.98 x 13.98	362 x 362 14.25 x 14.25	200 7.87	280 x 90 11.02 x 3.54
M500400225G	19.69 x 15.75 x 8.86 500 x 400 x 225	1.2	18	1.2	18	Quarter-turn	1	455 x 355 17.91 x 13.98	462 x 362 18.19 x 14.25	250 9.84	280 x 90 11.02 x 3.54
M500500225G	19.69 x 19.69 x 8.86 500 x 500 x 225	1.2	18	1.2	18	Quarter-turn	1	455 x 455 17.91 x 17.91	462 x 462 18.19 x 18.19	250 9.84	280 x 90 11.02 x 3.54
M600400225G	23.62 x 15.75 x 8.86 600 x 400 x 225	1.2	18	1.2	18	Quarter-turn	1	555 x 355 21.85 x 13.98	562 x 362 22.13 x 14.25	300 11.81	280 x 90 11.02 x 3.54
M600600225G	23.62 x 23.62 x 8.86 600 x 600 x 225	1.2	18	1.5	16	Quarter-turn	2	555 x 555 21.85 x 21.85	562 x 562 22.13 x 22.13	125 4.92	180 x 90 7.09 x 3.54
M800800225G	31.50 x 31.50 x 8.86 800 x 800 x 225	1.5	16	1.5	16	Quarter-turn	2	755 x 755 29.72 x 29.72	762 x 762 30.00 x 30.00	125 4.92	280 x 90 11.02 x 3.54
M700500250G	27.56 x 19.69 x 9.84 700 x 500 x 250	1.5	16	1.5	16	Quarter-turn	1	655 x 455 25.79 x 17.91	662 x 462 26.06 x 18.19	125 4.92	280 x 90 11.02 x 3.54
M800600250G	31.50 x 23.62 x 9.84 800 x 600 x 250	1.5	16	1.9	14	Quarter-turn	2	755 x 555 29.72 x 21.85	762 x 562 30.00 x 22.13	125 4.92	180 x 90 7.09 x 3.54
M1000600250G	39.37 x 23.62 x 9.84 1000 x 600 x 250	1.9	14	1.9	14	Quarter-turn	2	955 x 555 37.60 x 21.85	962 x 562 37.87 x 22.13	500 19.68	180 x 90 7.09 x 3.54
M500500300G	19.69 x 19.69 x 11.81 500 x 500 x 300	1.5	16	1.2	18	Quarter-turn	1	455 x 455 17.91 x 17.91	462 x 462 18.19 x 18.19	250 9.84	280 x 150 11.02 x 5.91
M800800300G	31.50 x 31.50 x 11.81 800 x 800 x 300	1.9	14	1.9	14	Quarter-turn	2	755 x 755 29.72 x 29.72	762 x 762 30.00 x 30.00	125 7.92	180 x 150 7.09 x 5.91
M1000800300G	39.37 x 31.50 x 11.81 1000 x 800 x 300	1.9	14	1.9	14	Quarter-turn	2	955 x 755 37.60 x 29.72	962 x 762 37.87 x 30.00	500 19.68	180 x 150 7.09 x 5.91
M1200800300G	47.24 x 31.50 x 11.81 1200 x 800 x 300	1.9	14	1.9	14	Quarter-turn	2	1155 x 755 45.47 x 29.72	1162 x 762 45.75 x 30.00	600 23.62	180 x 150 7.09 x 5.91
M600400350G	23.62 x 15.75 x 13.78 600 x 400 x 350	1.5	16	1.5	16	Quarter-turn	1	555 x 355 21.85 x 13.98	562 x 362 22.13 x 14.25	125 7.92	280 x 150 11.02 x 5.91
M600600350G	23.62 x 23.62 x 13.78 600 x 600 x 350	1.5	16	1.5	16	Quarter-turn	2	555 x 555 21.85 x 21.85	562 x 562 22.13 x 22.13	125 7.92	180 x 150 7.09 x 5.91
M800600350G	31.50 x 23.62 x 13.78 800 x 600 x 350	1.9	14	1.9	14	Quarter-turn	2	755 x 555 29.72 x 21.85	762 x 562 30.00 x 22.13	125 7.92	180 x 150 7.09 x 5.91
M1000800400G	39.37 x 31.50 x 15.75 1000 x 800 x 400	1.9	14	1.9	14	Quarter-turn	2	955 x 755 37.60 x 29.72	962 x 762 37.87 x 30.00	500 19.68	280 x 150 11.02 x 5.91
M1200800400G	47.24 x 31.50 x 15.75 1200 x 800 x 400	1.9	14	1.9	14	Quarter-turn	2	1155 x 755 45.47 x 29.72	1162 x 762 45.75 x 30.00	600 23.62	280 x 150 11.02 x 5.91
M8001000300G	31.50 x 39.37 x 11.81 800 x 1000 x 300	1.9	14	1.9	14	3-pt. Quarter-turn (2 Doors)	2	755 x 955 29.72 x 37.60	762 x 962 30.00 x 37.87	125 7.92	280 x 150 11.02 x 5.91
M10001000300G	39.37 x 39.37 x 11.81 1000 x 1000 x 300	1.9	14	1.9	14	3-pt. Quarter-turn (2 Doors)	2	955 x 955 37.60 x 37.60	962 x 962 37.87 x 37.87	500 19.68	280 x 150 11.02 x 5.91
M12001000300G	47.24 x 39.37 x 11.81 1200 x 1000 x 300	1.9	14	1.9	14	3-pt. Quarter-turn (2 Doors)	2	1155 x 955 45.47 x 37.60	1162 x 962 45.75 x 37.87	600 23.62	280 x 150 11.02 x 5.91
M14001000300G	55.12 x 39.37 x 11.81 1400 x 1000 x 300	1.9	14	1.9	14	3-pt. Quarter-turn (2 Doors)	2	1355 x 955 53.35 x 37.60	1362 x 962 53.62 x 37.87	700 27.56	280 x 150 11.02 x 5.91

Solid 2-Door models that meet IP55, Type 12 requirements: M8001000300G, M10001000300G, M12001000300G and M14001000300G.

B

B - 40
[1.57]
(BODY OPENING)

20
[.79]

20
[.80]

3
[.10]

C

Y

J

A-2J
(WHEN 2
LATCHES
ARE USED)

41
[1.60]
(DOOR CLEAR SPACE)

A - 40
[1.57]
(BODY
OPENING)

A

M8 X 1.25-6G

38
[1.51]

54
[2.14]

43
[1.68]

52
[2.06]

B - 81   FOR QUARTER-TURN
[3.18] LATCHING

B - 121 FOR 3-POINT LATCHING
[475]
(DOOR CLEAR SPACE)

38
[1.50]

19
[.75]

26
[1.02]

Y

19
[.75]

19
[.75]

Ø 13
[.50]

H

23
[.89]

E

OMIT MIDDLE
STUDS
IF A<762
[30.00]

G

D

OMIT MIDDLE
STUDS
IF B<788
[31.00]

22
[.89]

13
[.51]

13
[.51]

Y-Y

89079114

P

Q

nVent **HOFFMAN**

B

B-1.64
42 mm
(BODY OPENING)

A-1.64
42 mm
(BODY
OPENING)

A-1.70
43 mm
(DOOR
CLEAR
SPACE)

A

J

1.50
38 mm

2.75
70 mm

1.00
25 mm

B/2-2.00
51 mm
(DOOR CLEAR SPACE)

B/2-3.00
76 mm

1.00
25 mm

B/2-1. 9
45 mm

.80
20 mm

C

Y

.09
2 mm
(4X)

1.50
38 mm

⏚ (2X)

M8 X 1.25

1.50
38 mm

.75
19 mm

1.16
29 mm

Y

H

.75
19 mm

.75
19 mm

⌀ .50
13 mm

E

.90
23 mm

G

D

OMIT MIDDLE
STUDS IF A<31
[787]

.52
13 mm

.90
23 mm

.52
13 mm

Y-Y

89080847

PANEL

Galvanized steel full-size panels. See table for thickness.

BULLETIN: A4GY

89000889

Catalog Number	D x E mm/in.	Thickness mm	Thickness Gauge	Fits A x B mm/in.
G300P200	255 x 155 10.04 x 6.10	1.5	16	300 x 200 11.81 x 7.87
G300P300	255 x 255 10.04 x 10.04	1.5	16	300 x 300 11.81 x 11.81
G400P300	355 x 255 13.98 x 10.04	1.5	16	400 x 300 or 300 x 400 15.75 x 11.81 or 11.81 x 15.75
G400P400	355 x 355 13.98 x 13.98	1.5	16	400 x 400 15.75 x 15.75
G500P400	455 x 355 17.91 x 13.98	1.5	16	500 x 400 19.68 x 15.75
G600P400	555 x 355 21.85 x 13.98	1.5	16	600 x 400 or 400 x 600 23.62 x 1575 or 15.75 x 23.62
G500P500	455 x 455 17.91 x 17.91	1.5	16	500 x 500 19.68 x 19.68
G700P500	655 x 455 25.79 x 17.91	1.9	14	700 x 500 27.56 x 19.68
G600P600	555 x 555 21.85 x 21.85	1.9	14	600 x 600 23.62 x 23.62
G800P600	755 x 555 29.72 x 21.85	1.9	14	800 x 600 or 600 x 800 31.50 x 23.62 or 23.62 x 31.50
G1000P600	955 x 555 37.60 x 21.85	2.5	12	1000 x 600 39.37 x 23.62
G800P800	755 x 755 29.72 x 29.72	2.5	12	800 x 800 31.50 x 31.50
G1000P800	955 x 755 37.60 x 29.72	2.5	12	1000 x 800 39.37 x 31.50
G1200P800	1155 x 755 45.47 x 29.72	2.5	12	1200 x 800 47.24 x 31.50
G800P1000	755 x 955 29.72 x 37.60	2.5	12	800 x 1000 32.50 x 39.37
G1000P1000	955 x 955 37.60 x 37.60	2.5	12	1000 x 1000 39.37 x 39.37
G1200P1000	1155 x 955 45.47 x 37.60	2.5	12	1200 x 1000 47.24 x 39.37
G1400P1000	1355 x 955 53.35 x 37.60	2.5	12	1400 x 1000 55.12 x 39.37

GLAND PLATE

Constructed of 1.5-mm thick (16 gauge) steel and designed for use with Medium Wall-Mount enclosures. Provides a removable cable egress and entry plate while maintaining IP/UL/CSA integrity of the enclosure. RAL 7035 textured, light-gray polyester powder paint finish inside and out. Foam-in-place gasket, fasteners and instructions provided. Maintains IP66/UL/CSA Type 4 and 12 when properly installed.

BULLETIN: A4GY
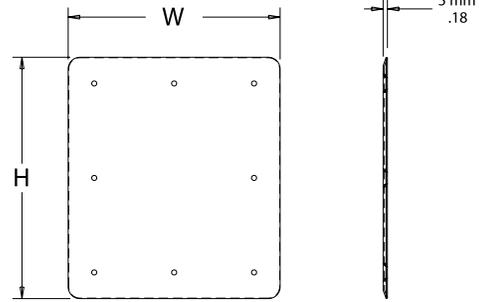
89000888

Catalog Number	Cutout Size mm/in.	W x H mm/in.
GGP90180	90 x 180 3.54 x 7.09	165 x 255 6.50 x 10.04
GGP90280	90 x 280 3.54 x 11.02	165 x 355 6.50 x 13.98
GGP150180	150 x 180 5.91 x 7.09	225 x 255 8.86 x 10.04
GGP150280	150 x 280 5.91 x 11.02	225 x 355 8.86 x 13.98

HINGE PINS

Contact Customer Service to order new mild steel hinge pins for an existing product.

BULLETIN: VM3

Catalog Number	Description	Qty.
GHPINMS	Hinge Pin	2

## FULL-WIDTH TOP AND BOTTOM MOUNTING-BRACKET KIT WITH STUDS
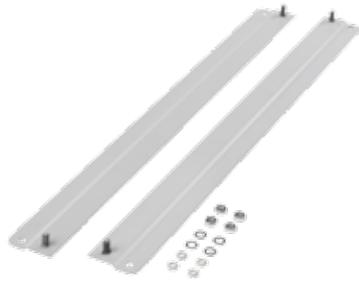
Use to mount enclosure to a wall or another enclosure. Includes two 2.5-mm thick (12 gauge) steel external mounting brackets and mounting hardware. Finished with RAL 7035 textured light-gray polyester powder paint.

Mounting brackets are required to maintain UL/CSA external mounting requirement.

BULLETIN: A4GY

Catalog Number	Fits B mm/in.	L mm/in.	S mm/in.
GTBMTBKT300	300 11.81	296 11.65	262 10.31
GTBMTBKT400	400 15.75	396 15.59	362 14.25
GTBMTBKT500	500 19.68	496 19.53	462 18.19
GTBMTBKT600	600 23.62	596 23.46	562 22.12
GTBMTBKT800	800 31.50	796 31.34	762 30.00
GTBMTBKT900	900 35.43	896 35.62	862 33.93

89000901
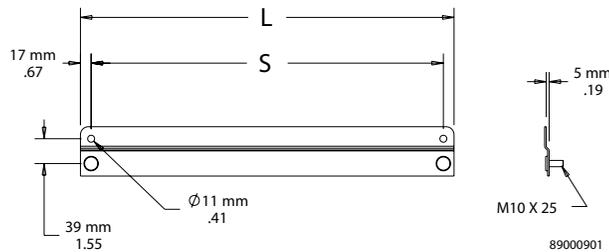
DOOR STOP KIT

Designed for use on most standard nVent HOFFMAN Type 4 and 12 enclosures to secure the door in the open position. Enclosures must have a "B" dimension of 16.00 in. (406 mm) or more and a door which opens horizontally. Door Stop Kit can be mounted at the top or bottom of the door opening after drilling two small holes in the body of the enclosure and two small holes in the door. The angle of the door is easily adjusted by means of a wingnut, and the stop arm slides neatly out of the way when the door is closed. All parts are plated. Maintains UL/CSA Type 4 and Type 12 if properly installed in an nVent HOFFMAN enclosure.

BULLETIN: A80

Catalog Number	Description
ADSTOPK	Door Stop Kit

DATA POCKETS

Data Pockets provide convenient storage for wiring diagrams, operation manuals and other documentation inside an enclosure. They are mounted on studs located inside the cabinet door. Constructed of high-impact thermoplastic, pockets are black and have cutout areas for easy access and visibility to contents. Mounting hardware included.

BULLETIN: A80DP

Catalog Number	Length x Width mm/in.	Fits Enclosure
ADP1	152 x 152 6.00 x 6.00	when A is less than or equal to 610 and B is less than or equal to 610
ADP2	305 x 305 12.00 x 12.00	when A is less than or equal to 762 and B is less than or equal to 508

Use ADP2 when A = 610 and B = 762

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LOCK INSERTS

Lock inserts can be substituted for the standard 3-mm double-bit latch insert. Inserts have a chrome finish. Matching key is zinc die-cast.

BULLETIN: A4GY, CWY

Catalog Number	Description
CLKTM7	Triangular 7-mm insert with key
CLKSM7	Square 7-mm insert with key
CLKDBM3	Double bit with key
CLKSLOT	Slotted insert no key

MOUNTING-BRACKET KIT

Mounting-Bracket Kits are field-installable. Composite and stainless steel brackets are rated to Type 4X. Set of four (4) brackets can support 500 lb. maximum load. All hardware is included. Four brackets per kit.
Mounting brackets are required to maintain UL/CSA external mounting requirement.

BULLETIN: A80

Catalog Number	Description
CMFK	Steel
CMFKSS	Stainless Steel
CMTGFT	Composite

ZINC HANDLES

Handles can replace the standard slotted insert on all GL66 wall-mount enclosures. The non-locking handle provides quick and easy access to the enclosure contents. Handle is black plastic. A zinc die-cast keylock handle is available for applications requiring quick access and security. A padlocking handle, also zinc die-cast, accommodates a padlock with up to a 5/16-in. locking bar. Each latch system can be converted from clockwise to counter-clockwise opening. Kit includes all hardware.

BULLETIN: CWY

Catalog Number	UL Rating	Description
CWHK	Maintains UL/CSA Type 12 when properly installed	Keylock handle
CWHNL	Maintains UL Type 3, 4, 4X, 12 when properly installed	Non-locking handle
CWHPTO	Maintains UL/CSA Type 3, 12 when properly installed	Padlock handle

CWHNL is not suitable for 3-point latch operation.

DOUBLE-BIT KEYS

Black non-metallic 3-mm double-bit keys. Package of two.

BULLETIN: A4GY

Catalog Number	Description	Pkg. Qty.
GKEY3MMDB	3-mm black, non-metallic	2

100-MM PLINTH BASE

Install 100-mm Plinth Base under enclosure to provide space for cables to enter from below. Constructed of 1.5-mm thick (16 gauge) steel sides and 2.5-mm thick (12 gauge) corners with textured RAL 9005 black finish. Mounting hardware included with base.

BULLETIN: A4GY

100 mm
3.94
(Height Frame is Raised)

W

D

89000899
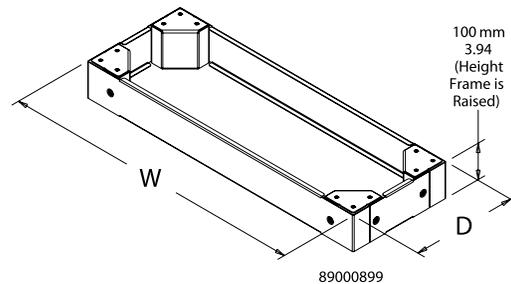
Catalog Number	Fits B x C mm/in.	W x D mm/in.
GPB800300	800 x 300	800 x 279
	31.50 x 11.81	31.50 x 10.98
GPB800400	800 x 400	800 x 379
	31.50 x 15.75	31.50 x 14.92