

Hazardous Location Enclosures

Hoffman's new ZonEX™ ATEX-certified enclosures can be used in Zone 1- and Zone 2-rated applications throughout the world. Our NEMA Type 9 enclosures are designed for use in Class II Division 1 and 2 locations in the presence of combustible dusts.

Small- and large-volume purging/pressurization systems prevent hazardous dusts and gases from entering an enclosure. For protection where safety is critical, count on Hoffman.



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Application

Enclosures are designed and certified to meet ATEX Directive 94/9/EC to safely house electrical and electronic devices in EEx e Zone 1- and Zone 2-rated hazardous locations. Suitable for use in applications requiring ATEX enclosure certification in industries including petroleum and chemical processing, waste water processing, pharmaceutical, and other hazardous locations throughout the world.

NOTE: Hoffman's ATEX EEx e enclosures are not intended for use in explosion-proof or flame-proof applications. See page HAZ-5.

Features

- Easy-to-use Type 316 stainless steel quarter-turn door latching.
- 3mm double-bit insert for security
- Slot and through-hole side-mount hanging brackets
- Lift-off door hinges
- Removable gland plates; one or three gland plates standard

Construction

- Fabricated from Type 316 stainless steel
- Type 316 stainless steel external fasteners
- Gray silicone high-temperature gasket on doors and gland plates
- Internal/external brass earth/ground provision

Finish

2B non-stroked finish inside and out.

Industry Standards

ATEX Directive 94/9/EC
II 2 GD EEx e II, IP66
EN 60079-0: 2004
EN 60079-7: 2003
EN 50281-1-1: 1999
EN-50281-1-2: 1999
Certificate No. ITS06ATEX35438U
UL 508A, File No. E61997: Type 4, 4X, 12
cUL C22.2 No. 94, File No. E61997: Type 4, 4X, 12
NEMA/EEMAC Type 4, 4X, 12
IEC 60529, IP66



Accessories

Panels
ATEX-rated Heater
ATEX-rated Thermostat

Modification Services Program

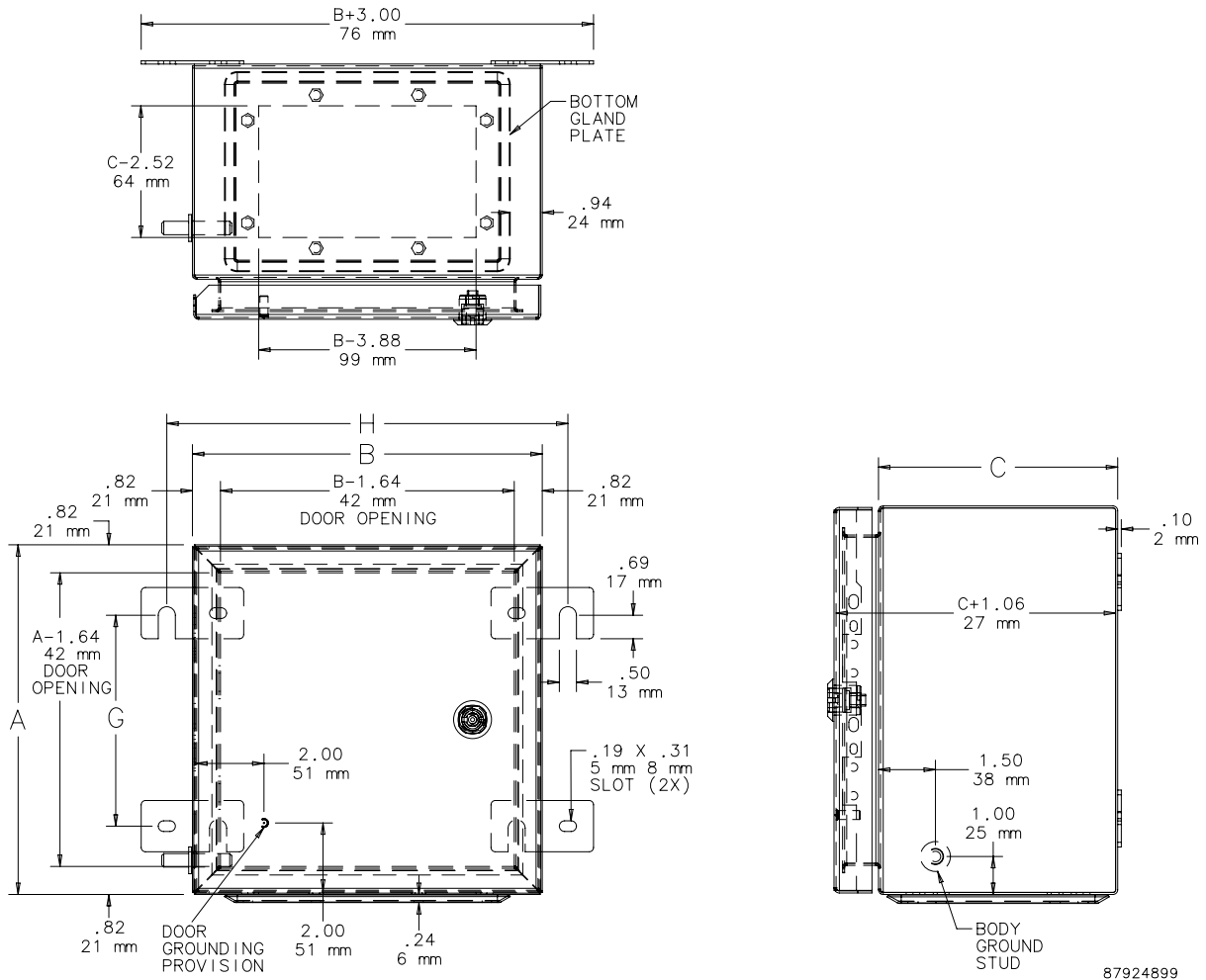
You can customize this product to your unique requirements by specifying from these options:

- DIN Rails
- Panels
- ATEX-rated Drain/Breather
- ATEX-rated Stopping Plugs
- ATEX-rated Terminal Blocks
- Terminal Block Marking
- NEMA-style Mounting Brackets
- Slotted Screwdriver Latch Insert
- Type 316 Stainless Steel Door Stop Kit
- Enclosure Marking (Tagging)
- Holes and cutouts

For details, see Modification Services at hoffmanonline.com. To order, contact your local Hoffman sales representative.

NOTE: For information about modifications outside the scope of the Modification Services program, contact your Hoffman sales representative.

Enclosures with One Gland Plate

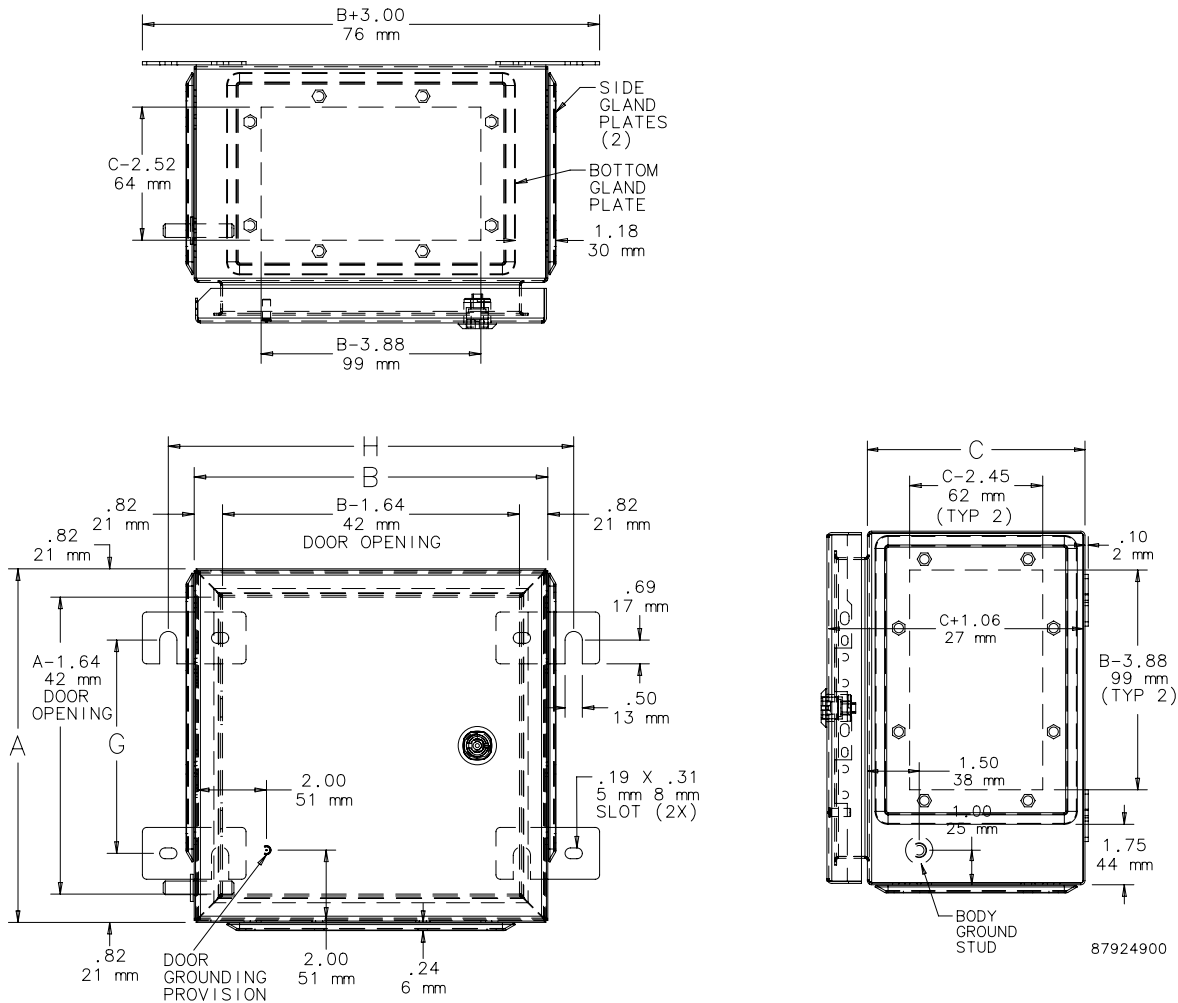


Standard Sizes ZonEX ATEX-Certified Hazardous Location Enclosures with One Gland Plate

Catalog Number	Enclosure Size		Number of Gland Plates	White Panel Catalog Number	Conductive Panel Catalog Number	Panel Size	
	A x B x C (mm)	A x B x C (in.)				D x E (mm)	D x E (in.)
ATEX262616SS61	260 x 260 x 160	10.24 x 10.24 x 6.30	1	ATEX26P26	ATEX26P26G	214 x 214	8.44 x 8.44
ATEX262620SS61	260 x 260 x 205	10.24 x 10.24 x 8.07	1	ATEX26P26	ATEX26P26G	214 x 214	8.44 x 8.44
ATEX303016SS61	306 x 306 x 160	12.05 x 12.05 x 6.30	1	ATEX30P30	ATEX30P30G	260 x 260	10.25 x 10.25
ATEX303020SS61	306 x 306 x 205	12.05 x 12.05 x 8.07	1	ATEX30P30	ATEX30P30G	260 x 260	10.25 x 10.25
ATEX382616SS61	380 x 260 x 160	14.96 x 10.24 x 6.30	1	ATEX38P26	ATEX38P26G	334 x 214	13.16 x 8.44
ATEX382620SS61	380 x 260 x 205	14.96 x 10.24 x 8.07	1	ATEX38P26	ATEX38P26G	334 x 214	13.16 x 8.44
ATEX453816SS61	458 x 382 x 160	18.03 x 15.04 x 6.30	1	ATEX45P38	ATEX45P38G	412 x 336	16.23 x 13.24
ATEX484820SS61	480 x 480 x 205	18.90 x 18.90 x 8.07	1	ATEX48P48	ATEX48P48G	434 x 434	17.10 x 17.10
ATEX503516SS61	500 x 350 x 160	19.68 x 13.78 x 6.30	1	ATEX50P35	ATEX50P35G	454 x 304	17.89 x 11.98
ATEX503520SS61	500 x 350 x 205	19.68 x 13.78 x 8.07	1	ATEX50P35	ATEX50P35G	454 x 304	17.89 x 11.98
ATEX624520SS61	620 x 450 x 205	24.41 x 17.72 x 8.07	1	ATEX62P45	ATEX62P45G	574 x 404	22.61 x 15.92
ATEX745520SS61	740 x 550 x 205	29.13 x 21.65 x 8.07	1	ATEX74P55	ATEX74P55G	694 x 504	27.33 x 19.85
ATEX765020SS61	762 x 508 x 205	30.00 x 20.00 x 8.07	1	ATEX76P50	ATEX76P50G	716 x 462	28.20 x 18.20

Purchase panels separately.

Enclosures with Three Gland Plates



Standard Sizes ZonEX ATEX-Certified Hazardous Location Enclosures with Three Gland Plates

Catalog Number	Enclosure Size		Number of Gland Plates	White Panel Catalog Number	Conductive Panel Catalog Number	Panel Size	
	A x B x C (mm)	A x B x C (in.)				D x E (mm)	D x E (in.)
ATEX262616SS63	260 x 260 x 160	10.24 x 10.24 x 6.30	3	ATEX26P26	ATEX26P26G	214 x 214	8.44 x 8.44
ATEX262620SS63	260 x 260 x 205	10.24 x 10.24 x 8.07	3	ATEX26P26	ATEX26P26G	214 x 214	8.44 x 8.44
ATEX303016SS63	306 x 306 x 160	12.05 x 12.05 x 6.30	3	ATEX30P30	ATEX30P30G	260 x 260	10.25 x 10.25
ATEX303020SS63	306 x 306 x 205	12.05 x 12.05 x 8.07	3	ATEX30P30	ATEX30P30G	260 x 260	10.25 x 10.25
ATEX382616SS63	380 x 260 x 160	14.96 x 10.24 x 6.30	3	ATEX38P26	ATEX38P26G	334 x 214	13.16 x 8.44
ATEX382620SS63	380 x 260 x 205	14.96 x 10.24 x 8.07	3	ATEX38P26	ATEX38P26G	334 x 214	13.16 x 8.44
ATEX453816SS63	458 x 382 x 160	18.03 x 15.04 x 6.30	3	ATEX45P38	ATEX45P38G	412 x 336	16.23 x 13.24
ATEX484820SS63	480 x 480 x 205	18.90 x 18.90 x 8.07	3	ATEX48P48	ATEX48P48G	434 x 434	17.10 x 17.10
ATEX503516SS63	500 x 350 x 160	19.68 x 13.78 x 6.30	3	ATEX50P35	ATEX50P35G	454 x 304	17.89 x 11.98
ATEX503520SS63	500 x 350 x 205	19.68 x 13.78 x 8.07	3	ATEX50P35	ATEX50P35G	454 x 304	17.89 x 11.98
ATEX624520SS63	620 x 450 x 205	24.41 x 17.72 x 8.07	3	ATEX62P45	ATEX62P45G	574 x 404	22.61 x 15.92
ATEX745520SS63	740 x 550 x 205	29.13 x 21.65 x 8.07	3	ATEX74P55	ATEX74P55G	694 x 504	27.33 x 19.85
ATEX765020SS63	762 x 508 x 205	30.00 x 20.00 x 8.07	3	ATEX76P50	ATEX76P50G	716 x 462	28.20 x 18.20

Purchase panels separately.

ZonEX™ ATEX-Certified Hazardous Location Enclosures

ATEX Directive and Classification System

Since 2003, manufacturers across the European Union (EU) have been obliged to comply with strict new EU directives governing safety in explosive atmospheres. Called ATEX (from the French ATmosphères EXplosives), ATEX Directive 94/9/EC has an impact not only on European manufacturers, but also on non-European makers of industrial equipment wishing to sell in Europe.

Two of the most common classification systems for hazardous locations are the NEC Division Classification system and the Zone Classification system used by the European Union (EU) and the International Electrotechnical Commission (IEC).

Article 500 of the NEC also classifies hazardous locations according to the properties of the flammable vapors, liquids or gases, or according to the combustible dusts or fibers that may be present and the likelihood that a flammable or combustible concentration or quantity is present. Articles 505 and 506 of the NEC refer to zone classifications. Refer to the Technical Information section of the *Specifier's Guide* for specific definitions and additional information.

NOTE: Hoffman's ATEX enclosures are not intended for use in explosion-proof or flame-proof (Ex d) applications.

NEC Divisions and IEC Zones

Frequency of Hazard Occurrence	NEC Division Classification System	EU and IEC Zone Classification System
Continuous Hazard	Division 1	Zone 0
Intermittent, Periodic Hazards	Division 1	Zone 1
Abnormal Condition Hazard	Division 2	Zone 2

NEMA Type 9 Hazardous Location Enclosures



Application

Designed for use in Class II Division 1 and 2 locations as defined in Article 500 of the National Electrical Code. Class II locations, hazardous due to the presence of combustible dusts, are classified as follows:

Group E—Atmospheres containing combustible metal dusts, including aluminum, magnesium, and their commercial alloys in hazardous concentrations

Group F—Atmospheres containing carbon black, charcoal, or coke dust in hazardous concentrations

Group G—Atmospheres containing combustible dusts such as flour, starch, or grain dusts in hazardous concentrations

Class II enclosures prevent ingress of combustible dust. Hoffman NEMA Type 9 enclosures are not suitable for use in locations that are hazardous due to the presence of combustible liquids, vapors, or gases.

Construction

- 0.19 inch (5mm), 0.25 inch (6mm), and 0.38 inch (10 mm) steel plate
- Ends are 0.38 inch (10mm) steel plate to provide a minimum of 3.50 full threads for conduit sizes through 2.00 inch (51mm).
NOTE: Class II enclosures must have minimum of 3.50 full threads at all conduit entrances. NEMA requires conduit entrances to be in top and/or bottom of enclosure. Tapped holes for conduit should have tapered pipe threads.
- Covers are 0.25 inch (6mm) thick to allow mounting of NEMA 9 pushbuttons and pilot lights, which require threaded holes (3/4-14 NPSM thread)
- Heavy duty cover hinges on enclosures when A dimension is 20.00 inches (508mm) or more
- Thick plant fiber gasket, mechanically attached to cover, assures dust-tight enclosure
- Weldnuts or collar studs provided for mounting optional panel

Finish

ANSI 61 gray polyester powder finish inside and out over phosphatized surfaces. Optional panels are white enamel.

Industry Standards

NEMA/EEMAC Type 9

UL Class II Division 1 and 2 Group E, F, and G locations (Labels are on every enclosure)

CSA certified for Class II Division 1 and 2 Group E, F, and G locations (Labels are on every enclosure)

IEC 60529, IP60

UL File No. E67456

CSA File No. 42186

Accessories

See also *Accessories* chapter.

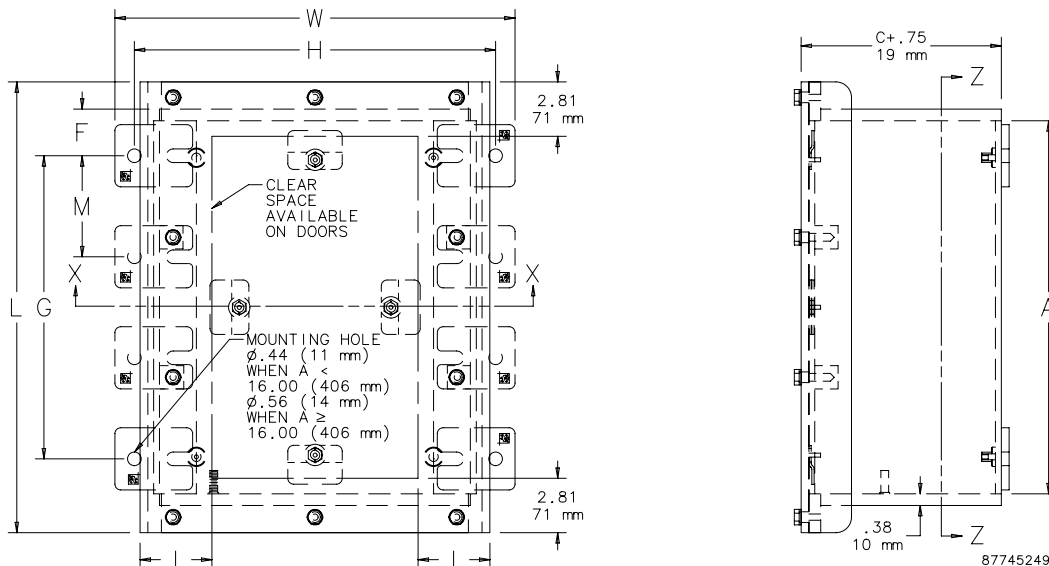
Corrosion Inhibitors

Electric Heater

Panel Support Kit

Panels (see table)

Terminal Kit Assembly

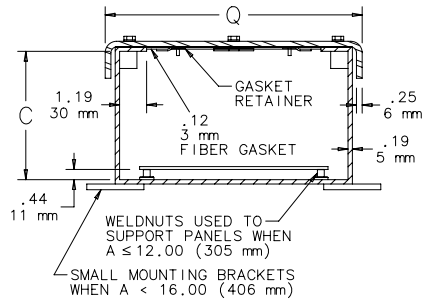


NEMA Type 9 Hazardous Location Enclosures

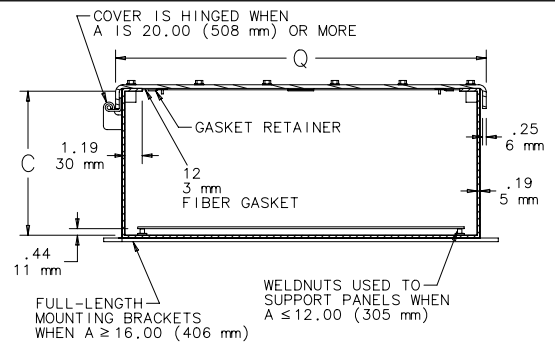
Standard Sizes NEMA Type 9 Hazardous Location Enclosures

Catalog Number	Inside Dimensions A x B x C	Panel Catalog Number	Panel Size D x E	Mounting G x H	Number of Mounting Holes	Overall L x W	I	F	M	Q
A8D64	8.00 x 6.00 x 4.00 (203 x 152 x 102)	A8N6P	6.25 x 4.25 (159 x 108)	5.75 x 7.62 (146 x 194)	4	10.50 x 8.88 (267 x 226)	2.69 (68)	1.50 (38)	—	7.25 (184)
A10D84	10.00 x 8.00 x 4.00 (254 x 203 x 102)	A10N8P	8.25 x 6.25 (210 x 159)	7.75 x 9.62 (197 x 244)	4	12.50 x 10.88 (318 x 276)	2.69 (68)	1.50 (38)	—	9.25 (235)
A12D106	12.00 x 10.00 x 6.00 (305 x 254 x 152)	A12N10P	10.25 x 8.25 (260 x 210)	9.75 x 11.62 (248 x 295)	4	14.50 x 12.88 (368 x 327)	3.50 (89)	1.50 (38)	—	11.25 (286)
A12D128	12.00 x 12.00 x 8.00 (305 x 305 x 203)	A12N12P	10.25 x 10.25 (260 x 260)	9.75 x 13.62 (248 x 346)	4	14.50 x 14.88 (368 x 378)	3.50 (89)	1.50 (38)	—	13.25 (337)
A16D128	16.00 x 12.00 x 8.00 (406 x 305 x 203)	A16P12	13.00 x 9.00 (330 x 229)	13.75 x 13.62 (349 x 346)	4	18.50 x 14.88 (470 x 378)	3.50 (89)	1.50 (38)	—	13.25 (337)
A16D168	16.00 x 16.00 x 8.00 (406 x 406 x 203)	A16P16	13.00 x 13.00 (330 x 330)	13.75 x 17.62 (349 x 448)	4	18.50 x 18.88 (470 x 480)	3.50 (89)	1.50 (38)	—	17.25 (438)
A20D168	20.00 x 16.00 x 8.00 (508 x 406 x 203)	A20P16	17.00 x 13.00 (432 x 330)	14.75 x 17.62 (375 x 448)	4	22.50 x 18.88 (572 x 480)	3.50 (89)	3.00 (76)	—	17.25 (438)
A20D208	20.00 x 20.00 x 8.00 (508 x 508 x 203)	A20P20	17.00 x 17.00 (432 x 432)	14.75 x 21.62 (375 x 549)	4	22.50 x 22.88 (572 x 581)	3.50 (89)	3.00 (76)	—	21.25 (540)
A24D208	24.00 x 20.00 x 8.00 (610 x 508 x 203)	A24P20	21.00 x 17.00 (533 x 432)	18.75 x 21.62 (476 x 549)	4	26.50 x 22.88 (673 x 581)	3.50 (89)	3.00 (76)	—	21.25 (540)
A24D2410	24.00 x 24.00 x 10.00 (610 x 610 x 254)	A24P24	21.00 x 21.00 (533 x 533)	18.75 x 25.62 (476 x 651)	4	26.50 x 26.88 (673 x 683)	3.50 (89)	3.00 (76)	—	25.25 (641)
A30D2410	30.00 x 24.00 x 10.00 (762 x 610 x 254)	A30P24	27.00 x 21.00 (686 x 533)	24.75 x 25.62 (629 x 651)	6	32.50 x 26.88 (826 x 683)	3.50 (89)	3.00 (76)	12.38 (314)	25.25 (641)
A36D2410	36.00 x 24.00 x 10.00 (914 x 610 x 254)	A36P24	33.00 x 21.00 (838 x 533)	30.75 x 25.62 (781 x 651)	6	38.50 x 26.88 (978 x 683)	3.50 (89)	3.00 (76)	15.38 (391)	25.25 (641)
A36D3012	36.00 x 30.00 x 12.00 (914 x 762 x 305)	A36P30	33.00 x 27.00 (838 x 686)	30.75 x 31.62 (781 x 803)	6	38.50 x 32.88 (978 x 835)	3.50 (89)	3.00 (76)	15.38 (391)	31.25 (794)
A48D3612	48.00 x 36.00 x 12.00 (1219 x 914 x 305)	A48P36	45.00 x 33.00 (1143 x 838)	42.75 x 37.62 (1086 x 956)	8	50.50 x 38.88 (1283 x 988)	3.50 (89)	3.00 (76)	14.25 (362)	37.25 (946)

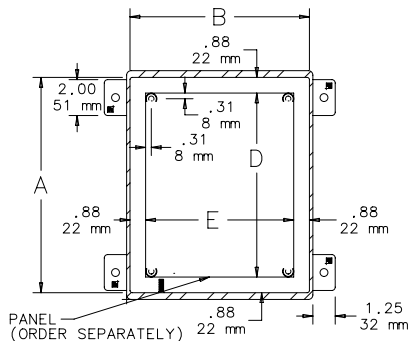
Purchase panels separately.



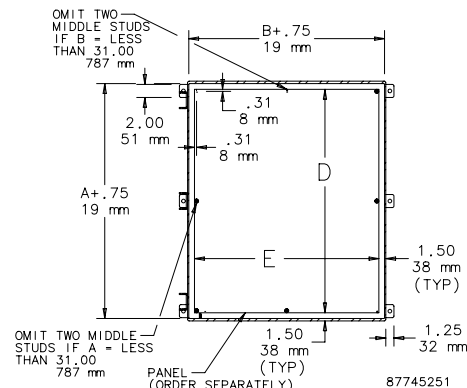
SECTION X-X



SECTION X-X



SECTION Z-Z



SECTION Z-Z



Application

Small-volume Type Y and Z purging/pressurization systems are designed for smaller enclosures, up to 2 or 10 cubic feet, based on the type of application. They allow the use of general-purpose enclosures in hazardous (classified) locations (also defined as potentially explosive areas) as an alternative to NEMA Type 7 or 9 enclosures. They can provide a lower-cost protection per cubic foot of enclosure volume. These small-volume systems feature a “universal mount” configuration that allows for either vertical or horizontal mounting to all enclosure surfaces.

A1001YZUMC1 purges enclosures with a volume up to 2 cubic feet maximum. This system is less pressure switch and can be used for Class I applications.

A1001YZUMC2 purges enclosures with a volume up to 10 cubic feet maximum. This system is less pressure switch and can be used for Class II applications

Construction

- Universal mount
- Available in two models for enclosures with a maximum enclosure volume of up to 2 or 10 cubic feet
- Mounting plate: Type 316 brushed stainless steel
- Regulator body: zinc with enamel finish
- Enclosure pressure gauge: aluminum with enamel finish
- Polycarbonate regulator handle
- Fastener hardware available in aluminum and stainless steel
- Includes tamper-proof regulator with gauge (TR-10G) to comply with NFPA standard requiring protection against over-pressurization

Industry Standards

For A1001YZUMC1 (Volume up to 2 cubic feet)

NEC Type Y Class I, Division 1, Groups A, B, C, and D to Division 2
NEC Type Z Class I, Division 2, Groups A, B, C, and D to Unclassified
Classified by Underwriters Laboratories, cUL, and Factory Mutual

For A1001YZUMC2 (Volume up to 10 cubic feet)

NEC Type Y Class II, Division 1, Groups F and G to Division 2
NEC Type Z Class II, Division 2, Groups F and G to Unclassified
Classified by Underwriters Laboratories, cUL, and Factory Mutual

Protected Enclosures

Enclosures should be constructed from materials such as metal or polycarbonate material to meet or exceed NEMA Type 4, Type 4X, or Type 12 performance requirements.

Modification Services Program

You can customize the enclosures you order with these products to your unique requirements by specifying from these options:

- Holes and cutouts for mounting system

For details, see Modification Services at www.hoffmanonline.com. To order, contact your local Hoffman sales representative.

NOTE: For information about modifications outside the scope of the Modification Services program, contact your Hoffman sales representative.

Class Ratings

Classes define the explosive or ignitable substances that are present in the atmosphere.

- Class I Flammable gases or liquid vapors
- Class II Ignitable metal, carbon, or organic dusts
- Class III Ignitable fibrous materials

Group Ratings

Groups define substances by rating their explosive or ignitable nature in relation to other known substances.

Typical Class I Substances

- Group A Acetylene
- Group B Hydrogen or >30% hydrogen by volume
- Group C Ethyl, ether, and ethylene

Typical Class II Substances

- Group E Aluminum, magnesium, and alloys
- Group F Carbon, coke, and coal
- Group G Flour, grain, wood, plastic, and chemicals

Division Ratings

Divisions define the degree of hazard by determining an explosive or ignitable substance's expected concentration in the atmosphere.

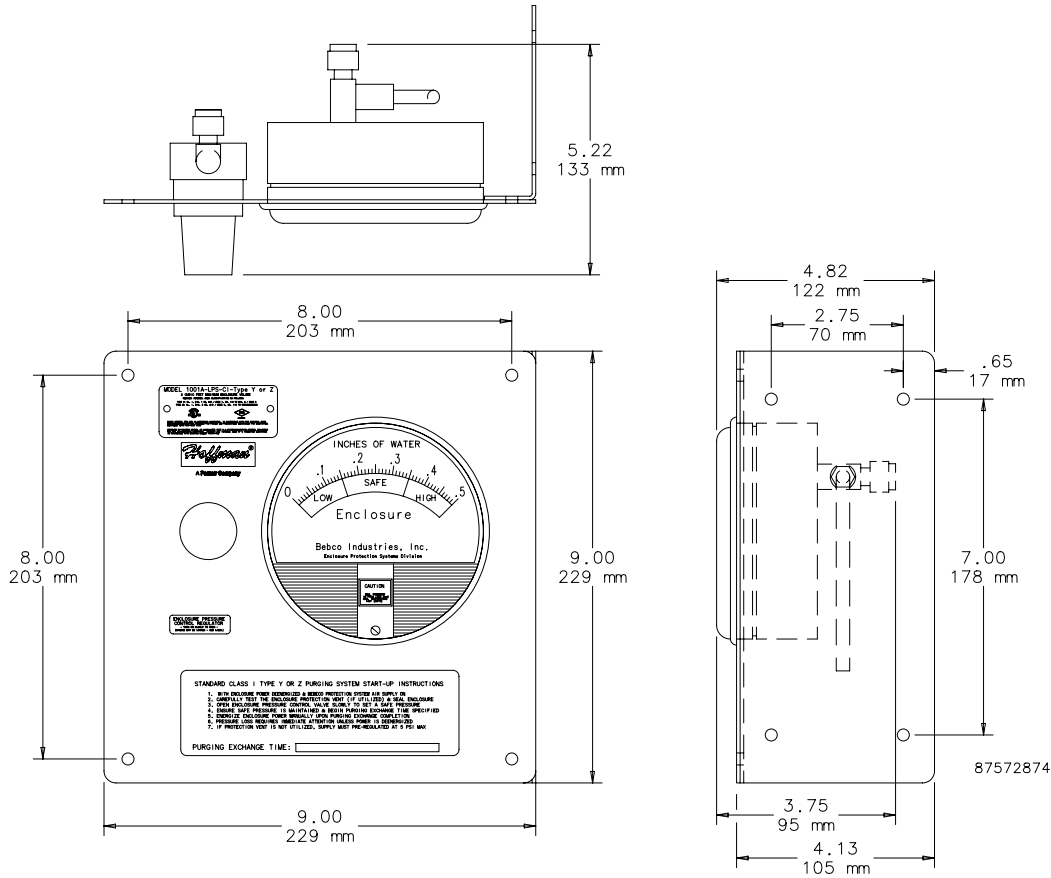
- Division 1 Contains substances under normal conditions
- Division 2 Contains substances under abnormal conditions

Important Notes

Division 1 areas must be surrounded by Division 2 areas.
Class II, Group E areas must be rated as Division 1 areas.

Small-Volume Type Y and Z Purging/ Pressurization Systems

Model 1001 Configuration System and Flange Dimensions



Standard Sizes Small-Volume Type Y and Z Purge/Pressurization Systems (Model 1001, Class 1)

Catalog Number	Height in.	Height mm	Width in.	Width mm	Depth in.	Depth mm	Weight lbs.	Maximum Enclosure Volume
A1001YZUMC1	9	228.6	9	228.6	5	127	8.25	2 cubic feet

Standard Sizes Small-Volume Type Y and Z Purge/Pressurization Systems (Model 1001, Class 2)

Catalog Number	Height in.	Height mm	Width in.	Width mm	Depth in.	Depth mm	Weight lbs.	Maximum Enclosure Volume
A1001YZUMC2	9	228.6	9	228.6	5	127	8.50	10 cubic feet

**Hazardous Location
Enclosures**



Patent

This product is covered by the following patent:
US 5,101,710

Industry Standards

(Volume up to 90 cubic feet)

NEC Type Y Class I, Division 1, Groups A, B, C, and D / Zone 1
Groups IIA, IIB, and IIC to Division 2 / Zone 2

NEC Type Z Class I, Division 2, Groups A, B, C, and D / Zone 2
Groups IIA, IIB, and IIC to Nonhazardous

Classified by Underwriters Laboratories, NFPA 496-1993

Protected Enclosures

Enclosures should be constructed from materials such as metal or polycarbonate material to meet or exceed NEMA Type 4 or Type 12 performance requirements.

Modification Services Program

You can customize the enclosures you order with these products to your unique requirements by specifying from these options:

- Holes and cutouts for mounting system

For details, see Modification Services at www.hoffmanonline.com. To order, contact your local Hoffman sales representative.

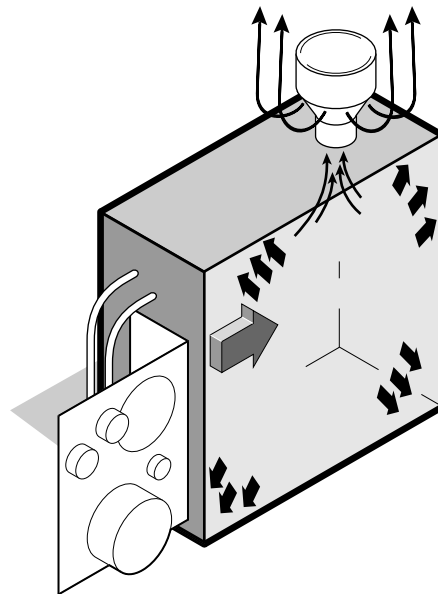
NOTE: For information about modifications outside the scope of the Modification Services program, contact your Hoffman sales representative.

Application

Hoffman's purge/pressurization systems allow the use of general-purpose enclosures in some hazardous locations. These products are designed to supply one or more enclosures with a protective gas supply. Purge/pressurization systems can be used for electronics, electrical equipment, motors, and switch gear in wall-mount to large enclosures. Purge/pressurization systems also meet the demands of rack-mounted instrumentation, video displays, programmable controllers, computers, printers, recorders, and measurement and calibration equipment.

Construction

- Vertical mount (VM) or horizontal mount (HM)
- Available in 90 cubic feet maximum enclosure volume model
- System face plate and mounting plate: Type 316 stainless steel tumble finish
- Regulator body: zinc with enamel finish
- Manifold body: anodized aluminum with Type 316 stainless steel valves
- Enclosure pressure gauge: aluminum with enamel finish
- Gas supply gauge: poly case and nickel-plated tube
- Enclosure protection vent
- Enclosure supply and enclosure reference bulkhead fittings: Type 316 stainless steel
- Fastener hardware available in aluminum and stainless steel

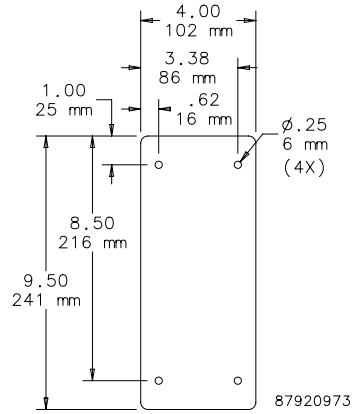
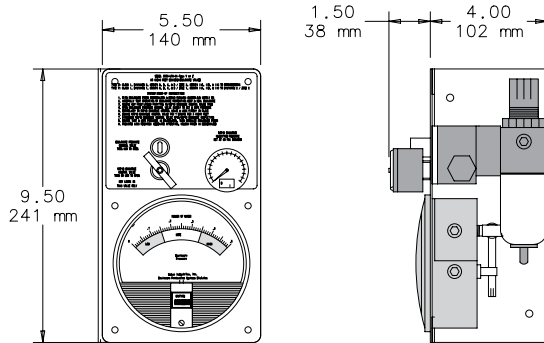


Large-Volume Type Y and Z Purging/ Pressurization Systems

Standard Sizes Large-Volume Type Y and Z Purge/Pressurization Systems (Model 3003, Class I)

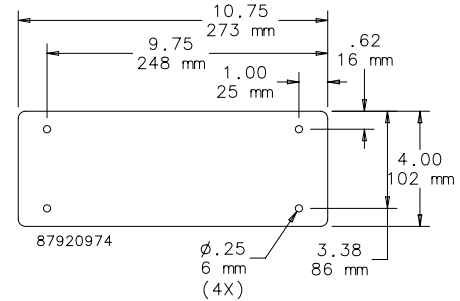
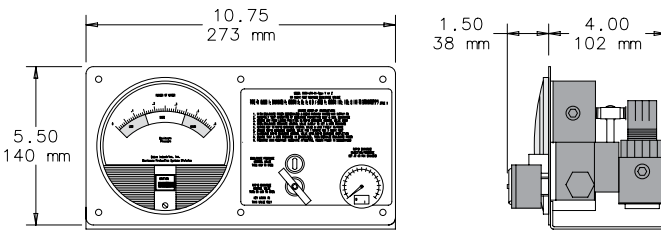
Catalog Number	Height in.	Height mm	Width in.	Width mm	Depth in.	Depth mm	Max. Enclosure Weight	Volume
A3003YZVM	9.5	241	5.5	140	5.5	140	10 lbs. (4.5 kg)	90 cu. ft. (2.5 cu. meters)
A3003YZHM	5.5	140	10.75	273	5.5	140	10 lbs (4.5 kg)	90 cu. ft. (2.5 cu. meters)

Model 3003 VM Configuration System & Flange Dimensions



Vertical Mount Flange

Model 3003 HM Configuration System & Flange Dimensions



Horizontal Mount Flange



Application

Compact mechanical thermostat for temperature control of heaters or low-temperature alarms in enclosures which are used in areas with explosion hazard.

Features

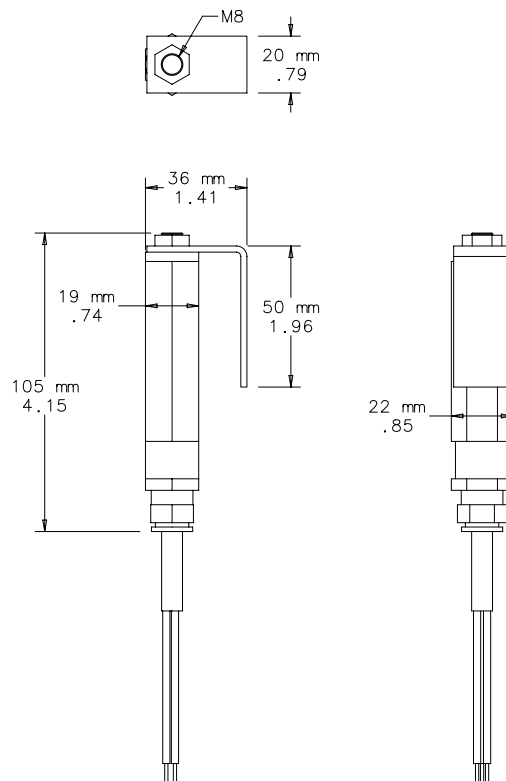
- Compact design
- Set temperature
- High switching capacity
- Small hysteresis (switching difference)
- Long service life (greater than 100,000 cycles)
- Can usually be directly connected and switched without the need for additional relays
- Thermostatic bimetallic sensor element
- One-pole contact opens with rising temperature
- Mounting bracket and DIN clip for mounting
- Connection cable: Si HF - JZ 3 x AWG 18 x 3.3 ft (0.75mm² x 1m)

Finish

Black anodized aluminum

Industry Standards

CE
Conformity Certificate LCIE (Laboratoire Central des Industries Electriques) LCIE 01 ATEX 6074
EEx d IIC T6/II 2 GD, IP6x T85°C
IEC 60529, IP65/1 (grounded)



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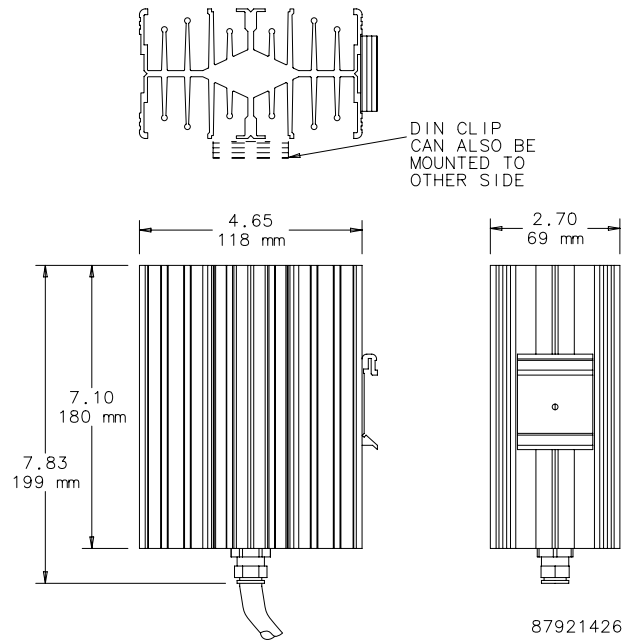
Standard Sizes Hazardous Location Thermostat

Catalog Number	Maximum Operating Voltage		Switching Capacity @ 250 VAC	Switch Off (Open) Temperature		Switch On (Closed) Temperature below Switch Off Temperature	
	AC	DC		°F	°C	°F	°C
HLTHERMNC	250 V	100 V	4A resistive; 1A ind. (cos φ = 0.6)	77 ± 6	25 ± 3K	7.2 ± 2	4 ± 1K

Hazardous Location Heater



Shown: 100W heater mounted on DIN rail



Application

Designed for use in hazardous locations where electronic components require protection from condensation and corrosion, sudden temperature drops, and low temperatures.

Features

- Maintenance-free
- High-performance heating cartridge (element)
- Large convection surface
- Extruded aluminum heat sink
- DIN clip for mounting
- Connection cable: Si HF-JZ 3 x AWG 18 x 3.3 ft. (0.75mm² x 1m)
- Operating voltage 110-120 VAC

Finish

Black anodized

Industry Standards

CE
Conformity Certificate LCIE (Laboratoire Central des Industries Electriques) LCIE 01 ATEX 6073
EEx d IIC T4/II 2 GD, IP6x T135°C
IEC 60529, IP65/I (grounded)

Standard Sizes Hazardous Location Heater

Catalog Number	A x B x C		Heating Power	Surface Temperature T4 ^a	
	inch	mm		°F	°C
HLHEAT100	7.10 x 4.65 x 2.70	180 x 118 x 69	100 Watts	275	135

^a When mounted vertically.