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Environmental ratings for enclosures based on ingress protection

3	NEMA: Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, and windblown dust; and that will be undamaged by the external formation of ice on the enclosure. UL: Outdoor use primarily to provide a degree of protection against rain, sleet, wind blown dust and damage from external ice formation. CSA: Indoor or outdoor use; provides a degree of protection against rain, snow and windblown dust; undamaged by the external formation of ice on the enclosure. IP54: Protected against dust - Limited to ingress. Protected against water sprayed from all directions - Limited to ingress permitted.
3R	NEMA: Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, and snow; and that will be undamaged by the external formation of ice on the enclosure. UL: Outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation. CSA: Indoor or outdoor use; provides a degree of protection against rain and snow; undamaged by the external formation of ice on the enclosure. IP14: Protected against vertically falling water drops. Protected against water sprayed from all directions - Limited to ingress permitted.
3S	NEMA: Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, and windblown dust; and in which the external mechanisms remain operable when ice laden. UL: Outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust and to provide for operation of external mechanisms when ice laden. IP54: Protected against dust - Limited to ingress. Protected against water sprayed from all directions - Limited to ingress permitted.
4	NEMA: Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, windblown dust, splashing water, and hose-directed water; and that will be undamaged by the external formation of ice on the enclosure. UL: Indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water and damage from external ice formation. CSA: Indoor or outdoor use; provides a degree of protection against rain, snow, windblown dust, splashing and hose-directed water; undamaged by the external formation of ice on the enclosure. IP66: Protected against dust - Limited to ingress. Protected against strong jets of water from all directions - Limited to ingress permitted.
4X	NEMA: Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, windblown dust, splashing water, hose-directed water, and corrosion; and that will be undamaged by the external formation of ice on the enclosure. UL: Indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation. CSA: Indoor or outdoor use; provides a degree of protection against rain, snow, windblown dust, splashing and hose-directed water; undamaged by the external formation of ice on the enclosure; resists corrosion. IP66: Protected against dust - Limited to ingress. Protected against strong jets of water from all directions - Limited to ingress permitted.
5	NEMA: Enclosures constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against settling airborne dust, lint, fibers, and flyings; and to provide a degree of protection against dripping and light splashing of non-corrosive liquids. UL: Indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping noncorrosive liquids. IP52: Protected against dust - Limited to ingress. Protected against direct sprays of water up to 15° from the vertical.
12	NEMA: Enclosures constructed (without knockouts) for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against circulating dust, lint, fibers, and flyings; against dripping and light splashing of non-corrosive liquids; and against light splashing and consequent seepage of oil and non-corrosive coolants. UL: Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids. CSA: Indoor use; provides a degree of protection against circulating dust, lint, fibers and flyings; dripping and light splashing of non-corrosive liquids; not provided with knockouts. IP52: Protected against dust - Limited to ingress. Protected against direct sprays of water up to 15° from the vertical.
12K	NEMA: Enclosures constructed (with knockouts) for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against circulating dust, lint, fibers, and flyings; against dripping and light splashing of non-corrosive liquids; and against light splashing and consequent seepage of oil and non-corrosive coolants. UL: Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids. CSA: Indoor use; provides a degree of protection against circulating dust, lint, fibers and flyings; dripping and light splashing of noncorrosive liquids; not provided with knockouts. IP52: Protected against dust - Limited to ingress. Protected against direct sprays of water up to 15° from the vertical.
13	NEMA: Enclosures constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against circulating dust, lint, fibers, and flyings; and against the spraying, splashing, and seepage of water, oil, and non-corrosive coolants. UL: Indoor use primarily to provide a degree of protection against dust, spraying of water, oil, and noncorrosive coolant. IP54: Protected against dust - Limited to ingress. Protected against water sprayed from all directions - Limited to ingress permitted.

Environmental ratings for enclosures based on impact resistance (IK) code designations

IK Number	Impact energy (joules)	Equivalent impact
00	Non-protected	N/A
01	0.15	Drop of .44 lbs object from 7.5 cm height
02	0.2	Drop of .44 lbs object from 10 cm height
03	0.35	Drop of .44 lbs object from 17.5 cm height
04	0.5	Drop of .44 lbs object from 25 cm height
05	0.7	Drop of .44 lbs object from 35 cm height
06	1	Drop of 1.1 lbs object from 20 cm height
07	07	Drop of 1.1 lbs object from 40 cm height
08	5	Drop of 3.75 lbs object from 29.5 cm height
09	10	Drop of 11 lbs object from 20 cm height
10	20	Drop of 11 lbs object from 40 cm height

Flame testing data: Unsaturated polyester (UP), glass reinforced, furnished as sheets

Color	Min Thickness (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
All	1.5	HB	0	0	130	130	130
Comparative tracking index (CTI): 0				Dimensional stability (%): -			
High-voltage arc tracking rate (HVTR): 0				High-voltage, low current arc resistance (D495): -			
Dielectric strength (kV/mm): -				Volume resistivity (10 ⁹ ohm-cm): -			
(f1): Suitable for outdoor use with respect to exposure to ultraviolet light, water exposure and immersion in accordance with UL 746C							
ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combustion is determined by UL.							

Chemical resistance ratings against submersion

3: Excellent		2: Limited		1: Insufficient		FRP: Fiberglass Reinforced Polyester				PC: Polycarbonate		PS: Polystyrene		ABS: ABS Plastic	
Chemical Class	FRP	PC	PS	ABS	Chemical Class	FRP	PC	PS	ABS	Chemical Class	FRP	PC	PS	ABS	
Water	3	3	3	3	Chlorides	3	3	3	3	Hydrocarbons aromatic	1	1	1	1	
Seawater	3	3	3	3	Alcohols	3	2	2	2	Xylene	2	1	1	1	
Acid, diluted	3	3	3	3	Ketones	2	1	2	2	Hydrobarbons halogenated	2	1	1	1	
Acid, conc.	1	2	2	2	Acetone	2	1	1	1	Chlorobenzene	1	1	1	1	
Acid, oxidized	1	1	2	2	Esters	2	1	1	1	Mineral oils	3	1	1	1	
Alkalis, diluted	2	2	3	3	N-butylacetate	2	1	1	1	Oils and fats	3	1	2	2	
Alkalis, conc.	1	1	3	3	Ethers	2	1	1	1	Propylene glycol	2	3	3	3	
Ammoniac	1	1	3	3	Hydrocarbons aliphatic	3	3	1	1	Nitrobenzene	1	1	1	1	
Salt, aqueous sol.	3	3	3	3	White spirit	3	3	1	1	Phenol	1	1	1	1	



Chemical Resistance Ratings: All chemical values less than 50%

3: Excellent	2: Limited	1: Insufficient	FRP: Fiberglass Reinforced Polyester							PC: Polycarbonate				PS: Polystyrene			ABS: ABS Plastic		
Chemical	FRP	PC	PS	ABS	Chemical	FRP	PC	PS	ABS	Chemical	FRP	PC	PS	ABS	Chemical	FRP	PC	PS	ABS
Acetyldehyde	1	1	1	1	Diethyl Ether	3	1	1	1	Nitric Acid	2	2	2	1					
Acetic Acid	3	3	3	3	Ethyl Alcohol	3	2	2	2	Nitrobenzene	2	1	1	1					
Acetone	2	1	1	1	Ethylene Dichloride	2	1	1	1	Oleic Acid	3	3	2	3					
Aluminum Chloride	3	3	3	3	Ethylene Glycol	3	3	3	3	Perchlorethylene	3	1	1	1					
Aluminum Sulfate	3	3	3	3	Ferric Chloride	3	3	3	3	Phosphoric Acid	2	3	2	3					
Ammonia Gas	3	3	3	3	Ferric Nitrate	3	3	3	3	Phosphoric Acid	1	3	3	3					
Ammonium Chloride	3	3	3	3	Ferric Sulfate	3	3	3	3	Pickling Solution	2	3	2	3					
Ammonium Hydroxide	2	1	2	2	Fluorine	1	2	2	1	Potassium Carbonate	3	3	3	3					
Ammonium Nitrate	3	1	1	1	Formaldehyde	3	3	2	3	Potassium Chloride	3	3	3	3					
Ammonium Phosphate	2	3	2	3	Formic Acid	3	3	3	3	Potassium Hydroxide	1	1	3	3					
Ammonium Sulfate	3	3	3	3	Fuel Oil (#2)	3	2	2	2	Potassium Nitrate	3	3	2	2					
Aniline	1	1	1	1	Gasoline	2	1	1	1	Potassium Sulfate	3	3	2	2					
ASTM #1 Oil	3	2	2	2	Glycerine	3	3	3	3	Soap (Igepal)	3	3	3	3					
ASTM #3 Oil	3	2	2	2	Hydraulic Brake Fluid	3	2	2	2	Sodium Bicarbonate	3	3	3	3					
Axle Grease	3	2	2	2	Hydraulic Oil	3	2	2	2	Sodium Bisulfate	2	3	2	3					
Benzene	3	1	1	1	Hydrochloric Acid	2	3	2	3	Sodium Chloride	3	3	3	3					
Boric Acid	3	3	3	3	Hydrocyanic Acid	1	2	2	3	Sodium Hydroxide	1	1	1	1					
Bromine	2	1	1	1	Hydrofluoric Acid	1	2	2	2	Sodium Hypochlorite	2	2	2	2					
Butyl Acetate	2	1	2	1	Hydrogen Peroxide	2	2	2	2	Sodium Nitrate	3	3	3	3					
Butyric Acid	3	1	1	1	Hydrogen Sulfide	3	2	2	2	Sodium Phosphate	3	3	3	3					
Calcium Chloride	3	3	3	3	Hypochlorus Acid	3	2	2	2	Sulfuric Acid	3	3	3	3					
Calcium Hydroxide	3	3	3	3	Isopropyl Alcohol	3	3	3	3	Sulfurus Acid	1	2	2	2					
Calcium Hypochlorite	2	2	1	2	Kerosene	3	2	2	1	Tannic Acid	3	3	3	2					
Calcium Sulfate	3	3	2	2	Lacquer Thinner	3	2	2	2	Tetrahydrofuran	2	1	1	1					
Carbolic Acid	2	1	2	1	Lactic Acid	3	2	2	2	Toluene	3	1	1	1					
Carbon Disulfide	2	1	1	1	Lime	2	2	2	2	Trichloroethylene	1	1	1	1					
Carbon Tetrachloride	2	1	1	1	Liquid Dish Soap	3	3	3	3	Trisodium Phosphate	2	3	2	2					
Chlorine (dry)	3	1	1	2	Lubricating Oils	3	3	3	3	Turpentine	2	3	1	1					
Chlorine (water)	2	3	1	2	Magnesium Chloride	3	3	2	2	Vegetable Oils	3	3	3	3					
Chlorobenzene	3	1	1	1	Magnesium Hydroxide	3	3	2	2	Vinegar	3	3	3	3					
Chloroform	1	1	1	1	Mercuric Chloride	2	3	3	3	Water, Industrial	3	3	3	3					
Chrome Plating Solution	2	3	2	3	Methyl Ethyl Ketone	2	1	1	1	Water, Rain	3	3	3	3					
Chromic Acid	3	1	2	2	Methylene Chloride	3	1	1	2	Water, Sea	3	3	3	3					
Citric Acid	2	3	3	3	Milk	3	3	3	3	Water, Tap	3	3	3	3					
Copper Sulfate	3	3	3	3	Mineral Oil	3	3	3	3	Xylene	3	1	1	1					
Creosote	2	1	1	1	Mineral Spirits	3	2	2	1	Zinc Acetate	3	2	2	2					
Cutting Fluid	3	3	3	3	Motor Oil	3	3	2	2	Zinc Chloride	3	2	2	1					
Cutting Oil	3	3	3	3	Nickel Salts	3	3	3	3	Zinc Sulfate	3	3	3	3					

Fiberglass Reinforced Polyester (FRP)

A thermoset derived from unsaturated polyester resins reinforced with glass fibers. Readily worked with common tools such as drills, punches and saws. Polyester enclosures are ideally suited for outdoor installations and use in hot, humid and/or chemically aggressive environments. The fiberglass has a minimum diameter of 12 µ and is considered as not harmful.

Polycarbonate (PC)

Thermoplastic with high impact resistance over a wide temperature range. The UV-stabalized grades can be used for outdoor applications.

Polystyrene and related polymers (PS/SB/ABS)

Polystyrene is a general purpose thermoplastic with good electrical properties. Where higher impact resistance is needed, Styrene-buadiene (SB) or acrylonitrile-butadiene-styrene (ABS) is used.

Polyurethane (PUR)

Thermosetting material, with good chemical resistance. In it's foamed and elastic form it is used for gaskets.

Polyphenylene Oxide (PPO)

Thermoplastic with good mechanical rigidity and excellent dimensional stability. This material is normally not used for outdoor applications because of it's tendency to discolor when exposed to UV-radiation.

Polyamide (PA)

Thermoplastic with good mechanical, thermal and electrical properties. It is resistant to most commonly used solvents, but is readily attacked by acids.

Thermoplastics

Made by injection of the molten plastic into a cool mold. Parts formed from thermoplastics can be repeatedly softened by an increase of temperature. Most thermoplastics are soluble in a suitable organic solvent.

Thermosettings

Made by forming the plastic objects in a hot mold. Once formed, it becomes substantially infusible and also insoluble because of the crosslinked molecular structure. Thus products from materials made using thermosettings do not melt upon heating and are practically insoluble to most commercial solvents. Some softening under the effect of commercial solvents. Some softening under the effect of commercial solvents is however possible.

Properties	Standards	Unit	FRP	PC	PPO	PA
Mechanical						
Impact strength	ISO 179	kJ/m²	55	no rupture	40	40
Notched impact strength	ISO 179	kJ/m²	55	30-50	15	25
Flexural strength	ISO 178	MPa	150	no rupture	no rupture	no rupture
Tensile strength	ISO 3268	MPa	50-60	65-70	37	60
Electrical						
Tracking resistance	IEC 112	V/50dr	KC600	KC200	KC175	KC600
Surface resistivity	IEC 93	Comparative fig.	12	15	> 12	12
Special resistivity	IEC 93	Ω cm	≥ 10 ¹²	≥ 10 ¹⁶	≥ 10 ¹⁴	≥ 10 ¹²
Ilelectric strength	IEC 243	kV/mm	18	35	16	34
Physical						
Deflection temperature	ISO 74/A	°C	> 250	135	95	60
Vicat softening point	ISO 306/B50	°C	-	145-150	109	210-220
Temperature resistance	continuous	°C	-50 to 130	-35 to 120	-35 to 80	-35 to 100
Color fastness	ISO 877	Blue wool scale 1-8	8	4	4	8
Resistance to mold and fungus growth	IEC 68-2-3	-	no degradation	no degradation	no degradation	no degradation
Water absorption	ISO 62/1 96h	mg	10	10	7	320
Density	ISO 1183	kg/dm³	1.2	1.2	1.1	1.14
Flame Resistance						
Oxygen index	ISO 4589	%O ₂	26	24.3	27.5	23
Flammability	UL 94 (3 mm)		94 HB	94 V2	94 V1	94 V2
Hot wire resistance	IEC 695-2-11	°C	960	850	960	650
Toxicity of fumes	ISO 4615	% Cl	halogen free	halogen free	halogen free	halogen free



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ENCLOSURE SYSTEMS INC.

Vynckier Enclosure Systems Inc.

Vynckier Enclosure Systems, Inc. (VES) is based in Houston, TX and provides exclusive manufacturing, modification and sales services to customers in the United States. All non-metallic enclosure lines are made available through our service oriented factory staff and a nationwide network of experienced and highly trained manufacturer's representatives. In addition, VES has a nationwide network of stocking distributors who are able to provide additional service and support, insuring quick delivery to your location.

Inventory & Selection

Vynckier's 92,000 square foot service center contains inventory of all enclosure series and accessories, enabling all stock orders to be shipped within 24 hours of order placement. Vynckier's product choices range from small push-button enclosures to large modular units capable of coupling to meet nearly any size requirement.

Computer Aided Design & Engineering

Precision modifications such as a special cutout or custom hole sizes and shapes are designed in AutoCAD and transferred to our CNC programming for an accurate and repeatable process. Our skilled engineering team can utilize your custom drawing files or recreate your templates, diagrams, schematics or nearly any other format to produce exceptionally accurate results quickly and inexpensively.

Pre-assembly

Vynckier's streamlined assembly stations pre-fabricate every enclosure, ensuring precise placement of hinges, latches, screws, air vents and many other parts and pieces for a consistent product. This not only provides a quality, assembled enclosure but also ensures readily available replacement parts if necessary.

Benefits of FRP Enclosures

FRP is a complex, composite material consisting of a polyester resin base with organic fillers to facilitate flow and obtain special physical characteristics such as UV resistance and halogen-free, self-extinguishing properties. Some additional additives are also used to provide proper consistency and pigmentation of the resin base.

Glass fibers, which make up more than 25 percent of the overall compound, are layered between two sheets of polyester resin that are then compressed into the resin base by an elaborate roller system. This process produces a very uniform, high strength material.

Vynckier utilizes the most advanced hot molding process in manufacturing enclosures. Hot compression molding processes are proven to provide better flow of material into tight corner areas than cold molding processes. This produces a stronger end product, allowing the glass fibers to run in every direction in comparison to standard injection molding which only allows the glass fibers to run in a single direction.

Turnkey Capabilities

Vynckier Enclosure Systems ... the "key" to your success with our quick turn-around service on custom modifications. Our Houston Service Center has state-of-the-art machinery to insure the accuracy and consistency of all our modifications. Our CNC machine is programmed based on drawings created with the latest AutoCad technology. We combine our experience with modern technology to create the proper solution to your enclosure needs.

Custom NEMA 4X Applications

Disconnects (fusible or non-fusible)
Lighting panels

Combination starters
Push button stations

Power distribution panels
Terminal boxes

Approvals

	AS	Austria		SETI	Finland		AEE	Spain
	ÖVE	Austria		UTE	France		SEMKO	Sweden
	CEBEC	Belgium		VDE	Germany		SEV	Switzerland
	CSA, CEC	Canada		BS	Great Britain		UL	U.S.A.
	DEMKO	Denmark		ATA	Great Britain		UR	U.S.A.
	ATEX	European Union		IMQ	Italy		Lloyd's Register of Shipping	
	CE	European Union		KEMA	Netherlands			
	RoHS	European Union		NEMKO	Norway			

Consistent Quality

Hot compression molding process

High IP Rating

Molded channel tongue and groove continuously poured gaskets

Aesthetic

Suitable for indoor and outdoor applications

Corrosion Resistance

Acid rain, salt spray and other chemicals

Temperature Resistance

Variations from -59°F to 302°F continuous and momentary exposure to 392°F

Total Insulation

Protection against indirect electrical contact

Impact Resistance

Up to IK 10

Lightweight

Easy to handle at 1/4 the weight of steel

Economical

Less costly than stainless steel and less modification time and effort

Maintenance Free

No painting or upkeep required

User Friendly

Easy to install and modify with standard tools

Condensation Limiting

Limited temperature variations ease condensation

Halogen Free

Fire retardant and self-extinguishing properties limit fire propagation and protect equipment with no toxic gas expulsion

UV Resistant

Not physically affected by UV light

MOISTURE / DUST PROOF

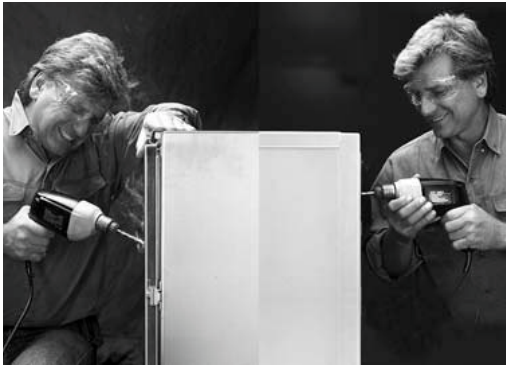
Whatever the conditions - washdown, rain, condensation or windblown dust - Vynckier has the enclosure to fit your application.

STRESS PROOF

With fiberglass reinforced polyester (FRP) enclosures from Vynckier, field modification is a snap..

CORROSION PROOF

For cost-effective corrosion control there's no better solution than a non-metallic enclosure from Vynckier..





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vynckier
ENCLOSURE SYSTEMS INC.

Opaque Cover

VJ

VJ Series

configuration options and specifications

- * Prefix**
VJ: Flat opaque cover
RVJ: Raised opaque cover
CVJ: Flat cover with clearview window
VJB: Flat cover with bonded window
RVJB: Raised cover with bonded window
VJG: Flat cover with gasketed window
- ** Suffix**
W: Stainless steel corner screws
HW: Stainless steel continuous hinge and stainless steel corner screws
HWPL: Stainless steel continuous hinge and stainless steel padlockable latch(es)
HWLL: Stainless steel continuous hinge and stainless steel hinge latch(es)
NHW: Non-metallic hinges and stainless steel corner screws
NHWPL: Non-metallic hinges and stainless steel padlockable latch(es)
NHWLL: Non-metallic hinges and stainless steel twist latch(es)
WPB: Push-button holes and stainless steel corner screws

- Features**
- All VJ enclosures were designed to meet the Joint Industrial Council (JIC) standards in the United States.
 - Enclosures are maintenance free and corrosion resistant.
 - Bases and opaque covers are made from hot compression molded halogen free, self extinguishing fiberglass reinforced polyester (FRP) that can withstand continuous temperatures from -58°F to 302°F (-50°C to 150°C) and momentary exposure to temperatures up to 392°F (200°C).
 - Windows are made from 1/4" transparent Lexan polycarbonate.
 - All enclosures can be easily modified to customer specifications.
 - Gaskets are made from continuously poured polyurethane foam.
 - Molded on mounting flanges increase strength.
 - Corner ribs reinforce strength in the cover corners.

Applications
VJ enclosures are designed for use as electrical junction boxes in highly corrosive environments and provide protection for equipment and operators from indirect electrical contact.

Standards		Approvals
IEC 60529 (IP66)	EN 60529 (IP66)	UL Listed Types 3, 3R, 4, 4X, 12 & 13
IEC 60439-1	EN 60439-1	CSA 3, 3R, 4, 4X, 12 & 13
IEC 50298	EN 50298	AS Australian Standards 3131-1991
		LLOYD'S Register of Shipping
		KEMA
		CEBEC
		RoHS
		CE



Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
VJ606W VJ606HW VJ606HWPL1 VJ606HWLL1 VJ606NHW VJ606NHWPL1 VJ606NHWLL1	7.32 x 7.32 x 4.92 (186 x 186 x 125)	6 x 6 x 4.64 (152 x 152 x 118)	2.8 (1.27)	MP606A MP606S MP606N	VFP606A VFPH606A VFPH606A-KIT
VJ806W VJ806HW VJ806HWPL1 VJ806HWLL1 VJ806NHW VJ806NHWPL1 VJ806NHWLL1	9.32 x 7.32 x 4.92 (236 x 186 x 125)	8 x 6 x 4.64 (203 x 152 x 118)	3.8 (1.72)	MP806A MP806S MP806N	VFP806A VFPH806A VFPH806A-KIT
VJ1008W VJ1008HW VJ1008HWPL1 VJ1008HWLL1 VJ1008NHW VJ1008NHWPL1 VJ1008NHWLL1	11.32 x 9.32 x 5.43 (287 x 236 x 138)	10 x 8 x 5.15 (254 x 203 x 131)	4.8 (2.18)	MP1008A MP1008S MP1008N	VFP1008A VFPH1008A VFPH1008A-KIT
VJ1210W VJ1210HW VJ1210HWPL2 VJ1210HWLL2 VJ1210NHW VJ1210NHWPL2 VJ1210NHWLL2	13.32 x 11.32 x 5.60 (338 x 287 x 142)	12 x 10 x 5.27 (305 x 254 x 134)	6.3 (2.86)	MP1210A MP1210S MP1210N	VFP1210A VFPH1210A VFPH1210A-KIT
VJ1412W VJ1412HW VJ1412HWPL2 VJ1412HWLL2 VJ1412NHW VJ1412NHWPL2 VJ1412NHWLL2	15.32 x 13.32 x 6.60 (389 x 338 x 168)	14 x 12 x 6.27 (356 x 305 x 159)	8.6 (3.90)	MP1412A MP1412S MP1412N	VFP1412A VFPH1412A VFPH1412A-KIT
VJ1614W VJ1614HW VJ1614HWPL2 VJ1614HWLL2 VJ1614NHW VJ1614NHWPL2 VJ1614NHWLL2	17.32 x 15.32 x 6.67 (440 x 389 x 169)	16 x 14 x 6.41 (406 x 356 x 163)	10.6 (4.81)	MP1614A MP1614S MP1614N	VFP1614A VFPH1614A VFPH1614A-KIT
VJ1816W VJ1816HW VJ1816HWPL2 VJ1816HWLL2 VJ1816NHW VJ1816NHWPL2 VJ1816NHWLL2	19.32 x 17.32 x 9.58 (490 x 440 x 243)	18 x 16 x 9.33 (457 x 406 x 237)	14 (6.35)	MP1816A MP1816S MP1816N	VFP1816A VFPH1816A VFPH1816A-KIT
VJ2016W VJ2016HW VJ2016HWPL2 VJ2016HWLL2 VJ2016NHW VJ2016NHWPL2 VJ2016NHWLL2	21.5 x 17.32 x 11.58 (546 x 440 x 294)	19.92 x 15.92 x 11.12 (506 x 404 x 282)	16 (7.26)	MP2016A MP2016S MP2016N	VFP2016A VFPH2016A VFPH2016A-KIT



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Raised Opaque Cover



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ENCLOSURE SYSTEMS INC.

Clearview Cover

VJ

Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Front Plate
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic	A: Aluminum
RVJ806W RVJ806HW RVJ806HWPL1 RVJ806HWLL1 RVJ806NHW RVJ806NHWPL1 RVJ806NHWLL1	9.32 x 7.32 x 6.32 (236 x 186 x 161)	8 x 6 x 6.04 (203 x 152 x 153)	3 (1.36)	MP806A MP806S MP806N	VFP806A VFPH806A VFPH806A-KIT
RVJ1008W RVJ1008HW RVJ1008HWPL1 RVJ1008HWLL1 RVJ1008NHW RVJ1008NHWPL1 RVJ1008NHWLL1	11.32 x 9.32 x 6.99 (287 x 236 x 178)	10 x 8 x 6.66 (254 x 203 x 169)	4.9 (2.22)	MP1008A MP1008S MP1008N	VFP1008A VFPH1008A VFPH1008A-KIT
RVJ1210W RVJ1210HW RVJ1210HWPL2 RVJ1210HWLL2 RVJ1210NHW RVJ1210NHWPL2 RVJ1210NHWLL2	13.32 x 11.32 x 7.11 (338 x 287 x 181)	12 x 10 x 6.84 (305 x 254 x 174)	6.5 (2.95)	MP1210A MP1210S MP1210N	VFP1210A VFPH1210A VFPH1210A-KIT
RVJ1412W RVJ1412HW RVJ1412HWPL2 RVJ1412HWLL2 RVJ1412NHW RVJ1412NHWPL2 RVJ1412NHWLL2	15.32 x 13.32 x 8.26 (389 x 338 x 210)	14 x 12 x 7.95 (356 x 305 x 202)	8.8 (3.99)	MP1412A MP1412S MP1412N	VFP1412A VFPH1412A VFPH1412A-KIT
RVJ1614W RVJ1614HW RVJ1614HWPL2 RVJ1614HWLL2 RVJ1614NHW RVJ1614NHWPL2 RVJ1614NHWLL2	17.32 x 15.32 x 8.26 (440 x 389 x 209)	16 x 14 x 7.95 (406 x 356 x 202)	10.8 (4.90)	MP1614A MP1614S MP1614N	VFP1614A VFPH1614A VFPH1614A-KIT
RVJ1816W RVJ1816HW RVJ1816HWPL2 RVJ1816HWLL2 RVJ1816NHW RVJ1816NHWPL2 RVJ1816NHWLL2	19.32 x 17.32 x 11.08 (490 x 440 x 281)	18 x 16 x 10.83 (457 x 406 x 275)	14.3 (6.49)	MP1816A MP1816S MP1816N	VFP1816A VFPH1816A VFPH1816A-KIT

Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Front Plate
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic	A: Aluminum
CVJ606W CVJ606HW CVJ606HWPL1 CVJ606HWLL1 CVJ606NHW CVJ606NHWPL1 CVJ606NHWLL1	7.32 x 7.32 x 4.92 (186 x 186 x 125)	6 x 6 x 4.64 (152 x 152 x 118)	2.8 (1.27)	MP606A MP606S MP606N	VFP606A VFPH606A VFPH606A-KIT
CVJ806W CVJ806HW CVJ806HWPL1 CVJ806HWLL1 CVJ806NHW CVJ806NHWPL1 CVJ806NHWLL1	9.32 x 7.32 x 4.92 (236 x 186 x 125)	8 x 6 x 4.64 (203 x 152 x 118)	3.8 (1.72)	MP806A MP806S MP806N	VFP806A VFPH806A VFPH806A-KIT
CVJ1008W CVJ1008HW CVJ1008HWPL1 CVJ1008HWLL1 CVJ1008NHW CVJ1008NHWPL1 CVJ1008NHWLL1	11.32 x 9.32 x 5.43 (287 x 236 x 138)	10 x 8 x 5.15 (254 x 203 x 131)	4.8 (2.18)	MP1008A MP1008S MP1008N	VFP1008A VFPH1008A VFPH1008A-KIT
CVJ1210W CVJ1210HW CVJ1210HWPL2 CVJ1210HWLL2 CVJ1210NHW CVJ1210NHWPL2 CVJ1210NHWLL2	13.32 x 11.32 x 5.60 (338 x 287 x 142)	12 x 10 x 5.27 (305 x 254 x 134)	6.3 (2.86)	MP1210A MP1210S MP1210N	VFP1210A VFPH1210A VFPH1210A-KIT
CVJ1412W CVJ1412HW CVJ1412HWPL2 CVJ1412HWLL2 CVJ1412NHW CVJ1412NHWPL2 CVJ1412NHWLL2	15.32 x 13.32 x 6.60 (389 x 338 x 168)	14 x 12 x 6.27 (356 x 305 x 159)	8.6 (3.90)	MP1412A MP1412S MP1412N	VFP1412A VFPH1412A VFPH1412A-KIT
CVJ1614W CVJ1614HW CVJ1614HWPL2 CVJ1614HWLL2 CVJ1614NHW CVJ1614NHWPL2 CVJ1614NHWLL2	17.32 x 15.32 x 6.67 (440 x 389 x 169)	16 x 14 x 6.41 (406 x 356 x 163)	10.6 (4.81)	MP1614A MP1614S MP1614N	VFP1614A VFPH1614A VFPH1614A-KIT
CVJ1816W CVJ1816HW CVJ1816HWPL2 CVJ1816HWLL2 CVJ1816NHW CVJ1816NHWPL2 CVJ1816NHWLL2	19.32 x 17.32 x 9.58 (490 x 440 x 243)	18 x 16 x 9.33 (457 x 406 x 237)	14 (6.35)	MP1816A MP1816S MP1816N	VFP1816A VFPH1816A VFPH1816A-KIT
CVJ2016W CVJ2016HW CVJ2016HWPL2 CVJ2016HWLL2 CVJ2016NHW CVJ2016NHWPL2 CVJ2016NHWLL2	21.5 x 17.32 x 11.58 (546 x 440 x 294)	19.92 x 15.92 x 11.12 (506 x 404 x 282)	16 (7.26)	MP2016A MP2016S MP2016N	VFP2016A VFPH2016A VFPH2016A-KIT



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Bonded Window



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ENCLOSURE SYSTEMS INC.

Raised Bonded Window

VJ

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
VJB606W VJB606HW VJB606HWPL1 VJB606HWLL1 VJB606NHW VJB606NHWPL1 VJB606NHWLL1	7.32 x 7.32 x 4.92 (186 x 186 x 125)	6 x 6 x 4.64 (152 x 152 x 118)	2.8 (1.27)	MP606A MP606S MP606N	VFP606A VFPH606A VFPH606A-KIT
VJB806W VJB806HW VJB806HWPL1 VJB806HWLL1 VJB806NHW VJB806NHWPL1 VJB806NHWLL1	9.32 x 7.32 x 4.92 (236 x 186 x 125)	8 x 6 x 4.64 (203 x 152 x 118)	3.8 (1.72)	MP806A MP806S MP806N	VFP806A VFPH806A VFPH806A-KIT
VJB1008W VJB1008HW VJB1008HWPL1 VJB1008HWLL1 VJB1008NHW VJB1008NHWPL1 VJB1008NHWLL1	11.32 x 9.32 x 5.43 (287 x 236 x 138)	10 x 8 x 5.15 (254 x 203 x 131)	4.8 (2.18)	MP1008A MP1008S MP1008N	VFP1008A VFPH1008A VFPH1008A-KIT
VJB1210W VJB1210HW VJB1210HWPL2 VJB1210HWLL2 VJB1210NHW VJB1210NHWPL2 VJB1210NHWLL2	13.32 x 11.32 x 5.60 (338 x 287 x 142)	12 x 10 x 5.27 (305 x 254 x 134)	6.3 (2.86)	MP1210A MP1210S MP1210N	VFP1210A VFPH1210A VFPH1210A-KIT
VJB1412W VJB1412HW VJB1412HWPL2 VJB1412HWLL2 VJB1412NHW VJB1412NHWPL2 VJB1412NHWLL2	15.32 x 13.32 x 6.60 (389 x 338 x 168)	14 x 12 x 6.27 (356 x 305 x 159)	8.6 (3.90)	MP1412A MP1412S MP1412N	VFP1412A VFPH1412A VFPH1412A-KIT
VJB1614W VJB1614HW VJB1614HWPL2 VJB1614HWLL2 VJB1614NHW VJB1614NHWPL2 VJB1614NHWLL2	17.32 x 15.32 x 6.67 (440 x 389 x 169)	16 x 14 x 6.41 (406 x 356 x 163)	10.6 (4.81)	MP1614A MP1614S MP1614N	VFP1614A VFPH1614A VFPH1614A-KIT
VJB1816W VJB1816HW VJB1816HWPL2 VJB1816HWLL2 VJB1816NHW VJB1816NHWPL2 VJB1816NHWLL2	19.32 x 17.32 x 9.58 (490 x 440 x 243)	18 x 16 x 9.33 (457 x 406 x 237)	14 (6.35)	MP1816A MP1816S MP1816N	VFP1816A VFPH1816A VFPH1816A-KIT
VJB2016W VJB2016HW VJB2016HWPL2 VJB2016HWLL2 VJB2016NHW VJB2016NHWPL2 VJB2016NHWLL2	21.5 x 17.32 x 11.58 (546 x 440 x 294)	19.92 x 15.92 x 11.12 (506 x 404 x 282)	16 (7.26)	MP2016A MP2016S MP2016N	VFP2016A VFPH2016A VFPH2016A-KIT

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
RVJB806W RVJB806HW RVJB806HWPL1 RVJB806HWLL1 RVJB806NHW RVJB806NHWPL1 RVJB806NHWLL1	9.32 x 7.32 x 6.32 (236 x 186 x 161)	8 x 6 x 6.04 (203 x 152 x 153)	3 (1.36)	MP806A MP806S MP806N	VFP806A VFPH806A VFPH806A-KIT
RVJB1008W RVJB1008HW RVJB1008HWPL1 RVJB1008HWLL1 RVJB1008NHW RVJB1008NHWPL1 RVJB1008NHWLL1	11.32 x 9.32 x 6.99 (287 x 236 x 178)	10 x 8 x 6.66 (254 x 203 x 169)	4.9 (2.22)	MP1008A MP1008S MP1008N	VFP1008A VFPH1008A VFPH1008A-KIT
RVJB1210W RVJB1210HW RVJB1210HWPL2 RVJB1210HWLL2 RVJB1210NHW RVJB1210NHWPL2 RVJB1210NHWLL2	13.32 x 11.32 x 7.11 (338 x 287 x 181)	12 x 10 x 6.84 (305 x 254 x 174)	6.5 (2.95)	MP1210A MP1210S MP1210N	VFP1210A VFPH1210A VFPH1210A-KIT
RVJB1412W RVJB1412HW RVJB1412HWPL2 RVJB1412HWLL2 RVJB1412NHW RVJB1412NHWPL2 RVJB1412NHWLL2	15.32 x 13.32 x 8.26 (389 x 338 x 210)	14 x 12 x 7.95 (356 x 305 x 202)	8.8 (3.99)	MP1412A MP1412S MP1412N	VFP1412A VFPH1412A VFPH1412A-KIT
RVJB1614W RVJB1614HW RVJB1614HWPL2 RVJB1614HWLL2 RVJB1614NHW RVJB1614NHWPL2 RVJB1614NHWLL2	17.32 x 15.32 x 8.26 (440 x 389 x 209)	16 x 14 x 7.95 (406 x 356 x 202)	10.8 (4.90)	MP1614A MP1614S MP1614N	VFP1614A VFPH1614A VFPH1614A-KIT
RVJB1816W RVJB1816HW RVJB1816HWPL2 RVJB1816HWLL2 RVJB1816NHW RVJB1816NHWPL2 RVJB1816NHWLL2	19.32 x 17.32 x 11.08 (490 x 440 x 281)	18 x 16 x 10.83 (457 x 406 x 275)	14.3 (6.49)	MP1816A MP1816S MP1816N	VFP1816A VFPH1816A VFPH1816A-KIT



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Gasketed Window



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Push Button Units

VJ

Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Front Plate
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic	A: Aluminum
VJG606W VJG606HW VJG606HWPL1 VJG606HWLL1 VJG606NHW VJG606NHWPL1 VJG606NHWLL1	7.32 x 7.32 x 4.92 (186 x 186 x 125)	6 x 6 x 4.64 (152 x 152 x 118)	2.8 (1.27)	MP606A MP606S MP606N	VFP606A VFPH606A VFPH606A-KIT
VJG806W VJG806HW VJG806HWPL1 VJG806HWLL1 VJG806NHW VJG806NHWPL1 VJG806NHWLL1	9.32 x 7.32 x 4.92 (236 x 186 x 125)	8 x 6 x 4.64 (203 x 152 x 118)	3.8 (1.72)	MP806A MP806S MP806N	VFP806A VFPH806A VFPH806A-KIT
VJG1008W VJG1008HW VJG1008HWPL1 VJG1008HWLL1 VJG1008NHW VJG1008NHWPL1 VJG1008NHWLL1	11.32 x 9.32 x 5.43 (287 x 236 x 138)	10 x 8 x 5.15 (254 x 203 x 131)	4.8 (2.18)	MP1008A MP1008S MP1008N	VFP1008A VFPH1008A VFPH1008A-KIT
VJG1210W VJG1210HW VJG1210HWPL2 VJG1210HWLL2 VJG1210NHW VJG1210NHWPL2 VJG1210NHWLL2	13.32 x 11.32 x 5.60 (338 x 287 x 142)	12 x 10 x 5.27 (305 x 254 x 134)	6.3 (2.86)	MP1210A MP1210S MP1210N	VFP1210A VFPH1210A VFPH1210A-KIT
VJG1412W VJG1412HW VJG1412HWPL2 VJG1412HWLL2 VJG1412NHW VJG1412NHWPL2 VJG1412NHWLL2	15.32 x 13.32 x 6.60 (389 x 338 x 168)	14 x 12 x 6.27 (356 x 305 x 159)	8.6 (3.90)	MP1412A MP1412S MP1412N	VFP1412A VFPH1412A VFPH1412A-KIT
VJG1614W VJG1614HW VJG1614HWPL2 VJG1614HWLL2 VJG1614NHW VJG1614NHWPL2 VJG1614NHWLL2	17.32 x 15.32 x 6.67 (440 x 389 x 169)	16 x 14 x 6.41 (406 x 356 x 163)	10.6 (4.81)	MP1614A MP1614S MP1614N	VFP1614A VFPH1614A VFPH1614A-KIT
VJG1816W VJG1816HW VJG1816HWPL2 VJG1816HWLL2 VJG1816NHW VJG1816NHWPL2 VJG1816NHWLL2	19.32 x 17.32 x 9.58 (490 x 440 x 243)	18 x 16 x 9.33 (457 x 406 x 237)	14 (6.35)	MP1816A MP1816S MP1816N	VFP1816A VFPH1816A VFPH1816A-KIT
VJG2016W VJG2016HW VJG2016HWPL2 VJG2016HWLL2 VJG2016NHW VJG2016NHWPL2 VJG2016NHWLL2	21.5 x 17.32 x 11.58 (546 x 440 x 294)	19.92 x 15.92 x 11.12 (506 x 404 x 282)	16 (7.26)	MP2016A MP2016S MP2016N	VFP2016A VFPH2016A VFPH2016A-KIT

Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Front Plate
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic	A: Aluminum
VJ606WPB4	7.31 x 7.31 x 4.92 (186 x 186 x 125)	6 x 6 x 4.64 (152 x 152 x 118)	2.8 (1.27)	MP606A MP606S MP606N	(4) 30.5 mm
VJ806WPB6	9.31 x 7.31 x 4.92 (236 x 186 x 125)	8 x 6 x 4.64 (203 x 152 x 118)	3.8 (1.72)	MP806A MP806S MP806N	(6) 30.5 mm
VJ1008WPB9	11.31 x 9.31 x 5.43 (287 x 236 x 138)	10 x 8 x 5.15 (254 x 203 x 131)	4.8 (2.18)	MP1008A MP1008S MP1008N	(9) 30.5 mm
VJ1008WPB12	11.31 x 9.31 x 5.43 (287 x 236 x 138)	10 x 8 x 5.15 (254 x 203 x 131)	4.8 (2.18)	MP1008A MP1008S MP1008N	(12) 30.5 mm
VJ1210WPB16	13.31 x 11.31 x 5.60 (338 x 287 x 142)	12 x 10 x 5.27 (305 x 254 x 134)	6.3 (2.86)	MP1210A MP1210S MP1210N	(16) 30.5 mm
VJ1210WPB20	13.31 x 11.31 x 5.60 (338 x 287 x 142)	12 x 10 x 5.27 (305 x 254 x 134)	6.3 (2.86)	MP1210A MP1210S MP1210N	(20) 30.5 mm
VJ1412WPB25	15.31 x 13.31 x 6.60 (389 x 338 x 168)	14 x 12 x 6.27 (356 x 305 x 159)	8.6 (3.90)	MP1412A MP1412S MP1412N	(25) 30.5 mm
VJ1614WPB30	17.31 x 15.31 x 6.67 (440 x 389 x 169)	16 x 14 x 6.41 (406 x 356 x 163)	10.6 (4.81)	MP1614A MP1614S MP1614N	(30) 30.5 mm
VJ1816WPB42	19.31 x 17.31 x 9.58 (490 x 440 x 243)	18 x 16 x 9.33 (457 x 406 x 237)	14 (6.35)	MP1816A MP1816S MP1816N	(42) 30.5 mm

Custom push button solutions available...



APO Series

configuration options and specifications

**** Suffix**
No Suffix: Opaque cover and non-metallic corner screws
H: Opaque cover, non-metallic hinges and non-metallic corner screws
HPL: Opaque cover, non-metallic hinges and stainless steel padlockable latch(es)
CT: Transparent cover and non-metallic corner screws
CTH: Transparent cover, non-metallic hinges and non-metallic corner screws
CTHPL: Transparent cover, non-metallic hinges and stainless steel padlockable latch(es)
DT: Inspection window cover and non-metallic corner screws
DTH: Inspection window cover, non-metallic hinges and non-metallic corner screws
DTHPL: Inspection window cover, non-metallic hinges and stainless steel padlockable latch(es)
E1: One extension collar
E2: Two extension collars
E3: Three extension collars
E4: Four extension collars
E5: Five extension collars
Extension collars not available for A51, extension collar options available on H and HPL enclosures, DT Covers not available on A1, A81, A11 and A12

- Features**
- Enclosures are maintenance free and corrosion resistant.
 - Bases and opaque covers are made from hot compression molded halogen free, self extinguishing fiberglass reinforced polyester (FRP) that can withstand continuous temperatures up to 158°F (70°C) and momentary exposure to 302°F (150°C).
 - Transparent covers are made from transparent polycarbonate that can withstand continuous temperatures to 248°F (120°C)
 - All enclosures can be easily modified to customer specifications.
 - Gaskets are made from continuously poured polyurethane foam.
 - Brass M4 threaded inserts are factory installed for mounting plate attachment.
 - 4 to 6 bosses suitable for M6 threaded inserts are molded into the base (dependant on enclosure size).
 - Maintain UL / CSA Type 4x with up to 5 extension collars.

Applications
APO enclosures are designed for use as insulated electrical junction boxes, terminal wiring boxes, instrument housings and electrical control enclosures in highly corrosive environments.

Standards		Approvals
IEC 60529 (IP67)	EN 60529 (IP67)	UL Listed Types 3, 3R, 4, 4X, 12 & 13
IEC 62262 (IK10)	EN 62262 (IK10)	CSA 3, 3R, 4, 4X, 6, 12 & 13
IEC 60439-1	EN 60439-1	LLOYD'S Register of Shipping
IEC 62208	EN 62208	KEMA



Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A1-706 A1-706H A1-706HPL1	7.32 x 5.94 x 5.50 (186 x 151 x 140)	6.54 x 5.16 x 5.00 (165 x 131 x 127)	2.5 (1.13)	BP706A BP706S BP706N	FP706A FPH706A FPH706A-KIT
A31-1207 A31-1207H A31-1207HPL2	11.89 x 7.32 x 6.93 (302 x 186 x 176)	11.10 x 6.54 x 6.43 (282 x 166 x 163)	4 (1.81)	BP1207A BP1207S BP1207N	FP1207A FPH1207A FPH1207A-KIT
A41-1212 A41-1212H A41-1212HPL2	11.89 x 11.89 x 6.93 (302 x 302 x 176)	11.10 x 11.10 x 6.43 (282 x 282 x 163)	5 (2.27)	BP1212A BP1212S BP1212N	FP1212A FPH1212A FPH1212A-KIT
A71-1412 A71-1412H A71-1412HPL2	14.65 x 11.89 x 6.93 (372 x 302 x 176)	13.86 x 11.10 x 6.43 (352 x 282 x 163)	6 (2.72)	BP1412A BP1412S BP1412N	FP1412A FPH1412A FPH1412A-KIT
A51-1912 A51-1912H A51-1912HPL2	19.20 x 11.89 x 6.93 (488 x 302 x 176)	18.40 x 11.10 x 6.43 (467 x 282 x 163)	7.5 (3.40)	BP1912A BP1912S BP1912N	FP1912A FPH1912A FPH1912A-KIT
A81-2212 A81-2212H A81-2212HPL2	21.97 x 11.89 x 6.93 (558 x 302 x 176)	21.14 x 11.10 x 6.43 (537 x 282 x 163)	9.5 (4.31)	BP2212A BP2212S BP2212N	FP2212A FPH2212A FPH2212A-KIT
A61-2412 A61-2412H A61-2412HPL2	23.74 x 11.89 x 6.93 (603 x 302 x 176)	22.91 x 11.10 x 6.43 (582 x 282 x 163)	10 (4.54)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A11-2414 A11-2414H A11-2414HPL2	23.74 x 14.65 x 6.93 (603 x 372 x 176)	22.91 x 13.86 x 6.43 (582 x 352 x 163)	11.8 (5.35)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A12-2424 A12-2424H A12-2424HPL4	23.74 x 23.74 x 6.93 (603 x 603 x 176)	22.91 x 22.91 x 6.43 (582 x 582 x 163)	17.5 (7.94)	BP2424A BP2424S BP2424N	FP2424A FPH2424A FPH2424A-KIT



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Opaque Cover with
1 extension collar



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ENCLOSURE SYSTEMS INC.

Opaque Cover with
2 extension collars

APO

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A1-706E1 A1-706E1H A1-706E1HPL1	7.32 x 5.94 x 6.88 (186 x 151 x 175)	6.54 x 5.16 x 6.38 (165 x 131 x 162)	2.97 (1.35)	BP706A BP706S BP706N	FP706A FPH706A FPH706A-KIT
A31-1207E1 A31-1207E1H A31-1207E1HPL2	11.89 x 7.32 x 8.31 (302 x 186 x 211)	11.10 x 6.54 x 7.81 (282 x 166 x 198)	4.67 (2.12)	BP1207A BP1207S BP1207N	FP1207A FPH1207A FPH1207A-KIT
A41-1212E1 A41-1212E1H A41-1212E1HPL2	11.89 x 11.89 x 8.31 (302 x 302 x 211)	11.10 x 11.10 x 7.81 (282 x 282 x 198)	5.87 (2.66)	BP1212A BP1212S BP1212N	FP1212A FPH1212A FPH1212A-KIT
A71-1412E1 A71-1412E1H A71-1412E1HPL2	14.65 x 11.89 x 8.31 (372 x 302 x 211)	13.86 x 11.10 x 7.81 (352 x 282 x 198)	7 (3.18)	BP1412A BP1412S BP1412N	FP1412A FPH1412A FPH1412A-KIT

Extension collars not available on A51-1912

A81-2212E1 A81-2212E1H A81-2212E1HPL2	21.97 x 11.89 x 9.29 (558 x 302 x 236)	21.14 x 11.10 x 8.79 (537 x 282 x 223)	11 (4.99)	BP2212A BP2212S BP2212N	FP2212A FPH2212A FPH2212A-KIT
A61-2412E1 A61-2412E1H A61-2412E1HPL2	23.74 x 11.89 x 9.29 (603 x 302 x 236)	22.91 x 11.10 x 8.79 (582 x 282 x 223)	12 (5.44)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A11-2414E1 A11-2414E1H A11-2414E1HPL2	23.74 x 14.65 x 9.29 (603 x 372 x 236)	22.91 x 13.86 x 8.79 (582 x 352 x 223)	14.3 (6.49)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A12-2424E1 A12-2424E1H A12-2424E1HPL4	23.74 x 23.74 x 9.29 (603 x 603 x 236)	22.91 x 22.91 x 8.79 (582 x 582 x 223)	21.5 (9.75)	BP2424A BP2424S BP2424N	FP2424A FPH2424A FPH2424A-KIT

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A1-706E2 A1-706E2H A1-706E2HPL1	7.32 x 5.94 x 8.26 (186 x 151 x 210)	6.54 x 5.16 x 7.76 (165 x 131 x 197)	3.44 (1.56)	BP706A BP706S BP706N	FP706A FPH706A FPH706A-KIT
A31-1207E2 A31-1207E2H A31-1207E2HPL2	11.89 x 7.32 x 9.69 (302 x 186 x 246)	11.10 x 6.54 x 9.19 (282 x 166 x 233)	5.34 (2.42)	BP1207A BP1207S BP1207N	FP1207A FPH1207A FPH1207A-KIT
A41-1212E2 A41-1212E2H A41-1212E2HPL2	11.89 x 11.89 x 9.69 (302 x 302 x 246)	11.10 x 11.10 x 9.19 (282 x 282 x 233)	6.74 (3.06)	BP1212A BP1212S BP1212N	FP1212A FPH1212A FPH1212A-KIT
A71-1412E2 A71-1412E2H A71-1412E2HPL2	14.65 x 11.89 x 9.69 (372 x 302 x 246)	13.86 x 11.10 x 9.19 (352 x 282 x 233)	8 (3.63)	BP1412A BP1412S BP1412N	FP1412A FPH1412A FPH1412A-KIT

Extension collars not available on A51-1912

A81-2212E2 A81-2212E2H A81-2212E2HPL2	21.97 x 11.89 x 11.65 (558 x 302 x 296)	21.14 x 11.10 x 11.15 (537 x 282 x 283)	12.5 (5.67)	BP2212A BP2212S BP2212N	FP2212A FPH2212A FPH2212A-KIT
A61-2412E2 A61-2412E2H A61-2412E2HPL2	23.74 x 11.89 x 11.65 (603 x 302 x 296)	22.91 x 11.10 x 11.15 (582 x 282 x 283)	14 (6.35)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A11-2414E2 A11-2414E2H A11-2414E2HPL2	23.74 x 14.65 x 11.65 (603 x 372 x 296)	22.91 x 13.86 x 11.15 (582 x 352 x 283)	16.8 (7.62)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A12-2424E2 A12-2424E2H A12-2424E2HPL4	23.74 x 23.74 x 11.65 (603 x 603 x 296)	22.91 x 22.91 x 11.15 (582 x 582 x 283)	25.5 (11.57)	BP2424A BP2424S BP2424N	FP2424A FPH2424A FPH2424A-KIT



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Opaque Cover with
3 extension collars



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Opaque Cover with
4 extension collars

APO

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A1-706E3 A1-706E3H A1-706E3HPL1	7.32 x 5.94 x 9.64 (186 x 151 x 245)	6.54 x 5.16 x 9.14 (165 x 131 x 232)	3.91 (1.77)	BP706A BP706S BP706N	FP706A FPH706A FPH706A-KIT
A31-1207E3 A31-1207E3H A31-1207E3HPL2	11.89 x 7.32 x 11.07 (302 x 186 x 281)	11.10 x 6.54 x 10.57 (282 x 166 x 268)	6.01 (2.73)	BP1207A BP1207S BP1207N	FP1207A FPH1207A FPH1207A-KIT
A41-1212E3 A41-1212E3H A41-1212E3HPL2	11.89 x 11.89 x 11.07 (302 x 302 x 281)	11.10 x 11.10 x 10.57 (282 x 282 x 268)	7.61 (3.45)	BP1212A BP1212S BP1212N	FP1212A FPH1212A FPH1212A-KIT
A71-1412E3 A71-1412E3H A71-1412E3HPL2	14.65 x 11.89 x 11.07 (372 x 302 x 281)	13.86 x 11.10 x 10.57 (352 x 282 x 268)	9 (4.08)	BP1412A BP1412S BP1412N	FP1412A FPH1412A FPH1412A-KIT

Extension collars not available on A51-1912

A81-2212E3 A81-2212E3H A81-2212E3HPL2	21.97 x 11.89 x 14.01 (558 x 302 x 356)	21.14 x 11.10 x 13.51 (537 x 282 x 343)	14 (6.35)	BP2212A BP2212S BP2212N	FP2212A FPH2212A FPH2212A-KIT
A61-2412E3 A61-2412E3H A61-2412E3HPL2	23.74 x 11.89 x 14.01 (603 x 302 x 356)	22.91 x 11.10 x 13.51 (582 x 282 x 343)	16 (7.26)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A11-2414E3 A11-2414E3H A11-2414E3HPL2	23.74 x 14.65 x 14.01 (603 x 372 x 356)	22.91 x 13.86 x 13.51 (582 x 352 x 343)	19.3 (8.75)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A12-2424E3 A12-2424E3H A12-2424E3HPL4	23.74 x 23.74 x 14.01 (603 x 603 x 356)	22.91 x 22.91 x 13.51 (582 x 582 x 343)	29.5 (13.38)	BP2424A BP2424S BP2424N	FP2424A FPH2424A FPH2424A-KIT

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A1-706E4 A1-706E4H A1-706E4HPL1	7.32 x 5.94 x 11.02 (186 x 151 x 280)	6.54 x 5.16 x 10.52 (165 x 131 x 267)	4.38 (1.99)	BP706A BP706S BP706N	FP706A FPH706A FPH706A-KIT
A31-1207E4 A31-1207E4H A31-1207E4HPL2	11.89 x 7.32 x 12.45 (302 x 186 x 316)	11.10 x 6.54 x 11.95 (282 x 166 x 304)	6.68 (3.03)	BP1207A BP1207S BP1207N	FP1207A FPH1207A FPH1207A-KIT
A41-1212E4 A41-1212E4H A41-1212E4HPL2	11.89 x 11.89 x 12.45 (302 x 302 x 316)	11.10 x 11.10 x 11.95 (282 x 282 x 304)	8.48 (3.85)	BP1212A BP1212S BP1212N	FP1212A FPH1212A FPH1212A-KIT
A71-1412E4 A71-1412E4H A71-1412E4HPL2	14.65 x 11.89 x 12.45 (372 x 302 x 316)	13.86 x 11.10 x 11.95 (352 x 282 x 304)	10 (4.54)	BP1412A BP1412S BP1412N	FP1412A FPH1412A FPH1412A-KIT

Extension collars not available on A51-1912

A81-2212E4 A81-2212E4H A81-2212E4HPL2	21.97 x 11.89 x 16.37 (558 x 302 x 416)	21.14 x 11.10 x 15.87 (537 x 282 x 403)	15.5 (7.03)	BP2212A BP2212S BP2212N	FP2212A FPH2212A FPH2212A-KIT
A61-2412E4 A61-2412E4H A61-2412E4HPL2	23.74 x 11.89 x 16.37 (603 x 302 x 416)	22.91 x 11.10 x 15.87 (582 x 282 x 403)	18 (8.16)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A11-2414E4 A11-2414E4H A11-2414E4HPL2	23.74 x 14.65 x 16.37 (603 x 372 x 416)	22.91 x 13.86 x 15.87 (582 x 352 x 403)	21.8 (9.89)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A12-2424E4 A12-2424E4H A12-2424E4HPL4	23.74 x 23.74 x 16.37 (603 x 603 x 416)	22.91 x 22.91 x 15.87 (582 x 582 x 403)	33.5 (15.20)	BP2424A BP2424S BP2424N	FP2424A FPH2424A FPH2424A-KIT



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Opaque Cover with
5 extension collars



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ENCLOSURE SYSTEMS INC.

Transparent Cover

APO

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A1-706E5 A1-706E5H A1-706E5HPL1	7.32 x 5.94 x 12.40 (186 x 151 x 315)	6.54 x 5.16 x 11.90 (165 x 131 x 302)	4.85 (2.20)	BP706A BP706S BP706N	FP706A FPH706A FPH706A-KIT
A31-1207E5 A31-1207E5H A31-1207E5HPL2	11.89 x 7.32 x 13.83 (302 x 186 x 351)	11.10 x 6.54 x 13.33 (282 x 166 x 339)	7.35 (3.33)	BP1207A BP1207S BP1207N	FP1207A FPH1207A FPH1207A-KIT
A41-1212E5 A41-1212E5H A41-1212E5HPL2	11.89 x 11.89 x 13.83 (302 x 302 x 351)	11.10 x 11.10 x 13.33 (282 x 282 x 339)	9.35 (4.24)	BP1212A BP1212S BP1212N	FP1212A FPH1212A FPH1212A-KIT
A71-1412E5 A71-1412E5H A71-1412E5HPL2	14.65 x 11.89 x 13.83 (372 x 302 x 351)	13.86 x 11.10 x 13.33 (352 x 282 x 339)	11 (4.99)	BP1412A BP1412S BP1412N	FP1412A FPH1412A FPH1412A-KIT
Extension collars not available on A51-1912					
A81-2212E5 A81-2212E5H A81-2212E5HPL2	21.97 x 11.89 x 18.73 (558 x 302 x 476)	21.14 x 11.10 x 18.23 (537 x 282 x 463)	17 (7.71)	BP2212A BP2212S BP2212N	FP2212A FPH2212A FPH2212A-KIT
A61-2412E5 A61-2412E5H A61-2412E5HPL2	23.74 x 11.89 x 18.73 (603 x 302 x 476)	22.91 x 11.10 x 18.23 (582 x 282 x 463)	20 (9.07)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A11-2414E5 A11-2414E5H A11-2414E5HPL2	23.74 x 14.65 x 18.73 (603 x 372 x 476)	22.91 x 13.86 x 18.23 (582 x 352 x 463)	24.3 (11.02)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A12-2424E5 A12-2424E5H A12-2424E5HPL4	23.74 x 23.74 x 18.73 (603 x 603 x 476)	22.91 x 22.91 x 18.23 (582 x 582 x 463)	37.5 (17.01)	BP2424A BP2424S BP2424N	FP2424A FPH2424A FPH2424A-KIT

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A1-706CT A1-706CTH A1-706CTHPL1	7.32 x 5.94 x 5.50 (186 x 151 x 140)	6.54 x 5.16 x 5.00 (165 x 131 x 127)	2.5 (1.13)	BP706A BP706S BP706N	FP706A FPH706A FPH706A-KIT
A31-1207CT A31-1207CTH A31-1207CTHPL2	11.89 x 7.32 x 6.93 (302 x 186 x 176)	11.10 x 6.54 x 6.43 (282 x 166 x 163)	4 (1.81)	BP1207A BP1207S BP1207N	FP1207A FPH1207A FPH1207A-KIT
A41-1212CT A41-1212CTH A41-1212CTHPL2	11.89 x 11.89 x 6.93 (302 x 302 x 176)	11.10 x 11.10 x 6.43 (282 x 282 x 163)	5 (2.27)	BP1212A BP1212S BP1212N	FP1212A FPH1212A FPH1212A-KIT
A71-1412CT A71-1412CTH A71-1412CTHPL2	14.65 x 11.89 x 6.93 (372 x 302 x 176)	13.86 x 11.10 x 6.43 (352 x 282 x 163)	6 (2.72)	BP1412A BP1412S BP1412N	FP1412A FPH1412A FPH1412A-KIT
A51-1912CT A51-1912CTH A51-1912CTHPL2	19.20 x 11.89 x 8.31 (488 x 302 x 211)	18.40 x 11.10 x 7.81 (467 x 282 x 198)	7.5 (3.40)	BP1912A BP1912S BP1912N	FP1912A FPH1912A FPH1912A-KIT
A81-2212CT A81-2212CTH A81-2212CTHPL2	21.97 x 11.89 x 8.31 (558 x 302 x 211)	21.14 x 11.10 x 7.81 (537 x 282 x 198)	9.5 (4.31)	BP2212A BP2212S BP2212N	FP2212A FPH2212A FPH2212A-KIT
A61-2412CT A61-2412CTH A61-2412CTHPL2	23.74 x 11.89 x 8.31 (603 x 302 x 211)	22.91 x 11.10 x 7.81 (582 x 282 x 198)	10 (4.54)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A11-2414CT A11-2414CTH A11-2414CTHPL2	23.74 x 14.65 x 8.31 (603 x 372 x 211)	22.91 x 13.86 x 7.81 (582 x 352 x 198)	11.8 (5.35)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A12-2424CT A12-2424CTH A12-2424CTHPL4	23.74 x 23.74 x 8.31 (603 x 603 x 211)	22.91 x 22.91 x 7.81 (582 x 582 x 198)	17.5 (7.94)	BP2424A BP2424S BP2424N	FP2424A FPH2424A FPH2424A-KIT



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Transparent Cover with
1 extension collar



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ENCLOSURE SYSTEMS INC.

Transparent Cover with
2 extension collars

APO

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A1-706E1CT A1-706E1CTH A1-706E1CTHPL1	7.32 x 5.94 x 6.88 (186 x 151 x 175)	6.54 x 5.16 x 6.38 (165 x 131 x 162)	2.97 (1.35)	BP706A BP706S BP706N	FP706A FPH706A FPH706A-KIT
A31-1207E1CT A31-1207E1CTH A31-1207E1CTHPL2	11.89 x 7.32 x 8.31 (302 x 186 x 211)	11.10 x 6.54 x 7.81 (282 x 166 x 198)	4.67 (2.12)	BP1207A BP1207S BP1207N	FP1207A FPH1207A FPH1207A-KIT
A41-1212E1CT A41-1212E1CTH A41-1212E1CTHPL2	11.89 x 11.89 x 8.31 (302 x 302 x 211)	11.10 x 11.10 x 7.81 (282 x 282 x 198)	5.87 (2.66)	BP1212A BP1212S BP1212N	FP1212A FPH1212A FPH1212A-KIT
A71-1412E1CT A71-1412E1CTH A71-1412E1CTHPL2	14.65 x 11.89 x 8.31 (372 x 302 x 211)	13.86 x 11.10 x 7.81 (352 x 282 x 198)	7 (3.18)	BP1412A BP1412S BP1412N	FP1412A FPH1412A FPH1412A-KIT

Extension collars not available on A51-1912

A81-2212E1CT A81-2212E1CTH A81-2212E1CTHPL2	21.97 x 11.89 x 10.67 (558 x 302 x 271)	21.14 x 11.10 x 10.17 (537 x 282 x 258)	11 (4.99)	BP2212A BP2212S BP2212N	FP2212A FPH2212A FPH2212A-KIT
A61-2412E1CT A61-2412E1CTH A61-2412E1CTHPL2	23.74 x 11.89 x 10.67 (603 x 302 x 271)	22.91 x 11.10 x 10.17 (582 x 282 x 258)	12 (5.44)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A11-2414E1CT A11-2414E1CTH A11-2414E1CTHPL2	23.74 x 14.65 x 10.67 (603 x 372 x 271)	22.91 x 13.86 x 10.17 (582 x 352 x 258)	14.3 (6.49)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A12-2424E1CT A12-2424E1CTH A12-2424E1CTHPL4	23.74 x 23.74 x 10.67 (603 x 603 x 271)	22.91 x 22.91 x 10.17 (582 x 582 x 258)	21.5 (9.75)	BP2424A BP2424S BP2424N	FP2424A FPH2424A FPH2424A-KIT

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A1-706E2CT A1-706E2CTH A1-706E2CTHPL1	7.32 x 5.94 x 8.26 (186 x 151 x 210)	6.54 x 5.16 x 7.76 (165 x 131 x 197)	3.44 (1.56)	BP706A BP706S BP706N	FP706A FPH706A FPH706A-KIT
A31-1207E2CT A31-1207E2CTH A31-1207E2CTHPL2	11.89 x 7.32 x 9.69 (302 x 186 x 246)	11.10 x 6.54 x 9.19 (282 x 166 x 233)	5.34 (2.42)	BP1207A BP1207S BP1207N	FP1207A FPH1207A FPH1207A-KIT
A41-1212E2CT A41-1212E2CTH A41-1212E2CTHPL2	11.89 x 11.89 x 9.69 (302 x 302 x 246)	11.10 x 11.10 x 9.19 (282 x 282 x 233)	6.74 (3.06)	BP1212A BP1212S BP1212N	FP1212A FPH1212A FPH1212A-KIT
A71-1412E2CT A71-1412E2CTH A71-1412E2CTHPL2	14.65 x 11.89 x 9.69 (372 x 302 x 246)	13.86 x 11.10 x 9.19 (352 x 282 x 233)	8 (3.63)	BP1412A BP1412S BP1412N	FP1412A FPH1412A FPH1412A-KIT

Extension collars not available on A51-1912

A81-2212E2CT A81-2212E2CTH A81-2212E2CTHPL2	21.97 x 11.89 x 13.03 (558 x 302 x 331)	21.14 x 11.10 x 12.53 (537 x 282 x 318)	12.5 (5.67)	BP2212A BP2212S BP2212N	FP2212A FPH2212A FPH2212A-KIT
A61-2412E2CT A61-2412E2CTH A61-2412E2CTHPL2	23.74 x 11.89 x 13.03 (603 x 302 x 331)	22.91 x 11.10 x 12.53 (582 x 282 x 318)	14 (6.35)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A11-2414E2CT A11-2414E2CTH A11-2414E2CTHPL2	23.74 x 14.65 x 13.03 (603 x 372 x 331)	22.91 x 13.86 x 12.53 (582 x 352 x 318)	16.8 (7.62)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A12-2424E2CT A12-2424E2CTH A12-2424E2CTHPL4	23.74 x 23.74 x 13.03 (603 x 603 x 331)	22.91 x 22.91 x 12.53 (582 x 582 x 318)	25.5 (11.57)	BP2424A BP2424S BP2424N	FP2424A FPH2424A FPH2424A-KIT



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Transparent Cover with
3 extension collars



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Transparent Cover with
4 extension collars

APO

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A1-706E3CT A1-706E3CTH A1-706E3CTHPL1	7.32 x 5.94 x 9.64 (186 x 151 x 245)	6.54 x 5.16 x 9.14 (165 x 131 x 232)	3.91 (1.77)	BP706A BP706S BP706N	FP706A FPH706A FPH706A-KIT
A31-1207E3CT A31-1207E3CTH A31-1207E3CTHPL2	11.89 x 7.32 x 11.07 (302 x 186 x 281)	11.10 x 6.54 x 10.57 (282 x 166 x 268)	6.01 (2.73)	BP1207A BP1207S BP1207N	FP1207A FPH1207A FPH1207A-KIT
A41-1212E3CT A41-1212E3CTH A41-1212E3CTHPL2	11.89 x 11.89 x 11.07 (302 x 302 x 281)	11.10 x 11.10 x 10.57 (282 x 282 x 268)	7.61 (3.45)	BP1212A BP1212S BP1212N	FP1212A FPH1212A FPH1212A-KIT
A71-1412E3CT A71-1412E3CTH A71-1412E3CTHPL2	14.65 x 11.89 x 11.07 (372 x 302 x 281)	13.86 x 11.10 x 10.57 (352 x 282 x 268)	9 (4.08)	BP1412A BP1412S BP1412N	FP1412A FPH1412A FPH1412A-KIT

Extension collars not available on A51-1912

A81-2212E3CT A81-2212E3CTH A81-2212E3CTHPL2	21.97 x 11.89 x 15.39 (558 x 302 x 391)	21.14 x 11.10 x 14.89 (537 x 282 x 378)	14 (6.35)	BP2212A BP2212S BP2212N	FP2212A FPH2212A FPH2212A-KIT
A61-2412E3CT A61-2412E3CTH A61-2412E3CTHPL2	23.74 x 11.89 x 15.39 (603 x 302 x 391)	22.91 x 11.10 x 14.89 (582 x 282 x 378)	16 (7.26)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A11-2414E3CT A11-2414E3CTH A11-2414E3CTHPL2	23.74 x 14.65 x 15.39 (603 x 372 x 391)	22.91 x 13.86 x 14.89 (582 x 352 x 378)	19.3 (8.75)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A12-2424E3CT A12-2424E3CTH A12-2424E3CTHPL4	23.74 x 23.74 x 15.39 (603 x 603 x 391)	22.91 x 22.91 x 14.89 (582 x 582 x 378)	29.5 (13.38)	BP2424A BP2424S BP2424N	FP2424A FPH2424A FPH2424A-KIT

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A1-706E4CT A1-706E4CTH A1-706E4CTHPL1	7.32 x 5.94 x 11.02 (186 x 151 x 280)	6.54 x 5.16 x 10.52 (165 x 131 x 267)	4.38 (1.99)	BP706A BP706S BP706N	FP706A FPH706A FPH706A-KIT
A31-1207E4CT A31-1207E4CTH A31-1207E4CTHPL2	11.89 x 7.32 x 12.45 (302 x 186 x 316)	11.10 x 6.54 x 11.95 (282 x 166 x 304)	6.68 (3.03)	BP1207A BP1207S BP1207N	FP1207A FPH1207A FPH1207A-KIT
A41-1212E4CT A41-1212E4CTH A41-1212E4CTHPL2	11.89 x 11.89 x 12.45 (302 x 302 x 316)	11.10 x 11.10 x 11.95 (282 x 282 x 304)	8.48 (3.85)	BP1212A BP1212S BP1212N	FP1212A FPH1212A FPH1212A-KIT
A71-1412E4CT A71-1412E4CTH A71-1412E4CTHPL2	14.65 x 11.89 x 12.45 (372 x 302 x 316)	13.86 x 11.10 x 11.95 (352 x 282 x 304)	10 (4.54)	BP1412A BP1412S BP1412N	FP1412A FPH1412A FPH1412A-KIT

Extension collars not available on A51-1912

A81-2212E4CT A81-2212E4CTH A81-2212E4CTHPL2	21.97 x 11.89 x 17.75 (558 x 302 x 451)	21.14 x 11.10 x 17.25 (537 x 282 x 438)	15.5 (7.03)	BP2212A BP2212S BP2212N	FP2212A FPH2212A FPH2212A-KIT
A61-2412E4CT A61-2412E4CTH A61-2412E4CTHPL2	23.74 x 11.89 x 17.75 (603 x 302 x 451)	22.91 x 11.10 x 17.25 (582 x 282 x 438)	18 (8.16)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A11-2414E4CT A11-2414E4CTH A11-2414E4CTHPL2	23.74 x 14.65 x 17.75 (603 x 372 x 451)	22.91 x 13.86 x 17.25 (582 x 352 x 438)	21.8 (9.89)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A12-2424E4CT A12-2424E4CTH A12-2424E4CTHPL4	23.74 x 23.74 x 17.75 (603 x 603 x 451)	22.91 x 22.91 x 17.25 (582 x 582 x 438)	33.5 (15.20)	BP2424A BP2424S BP2424N	FP2424A FPH2424A FPH2424A-KIT



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Transparent Cover with
5 extension collars



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ENCLOSURE SYSTEMS INC.

DT Cover

APO

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A1-706E5CT A1-706E5CTH A1-706E5CTHPL1	7.32 x 5.94 x 12.40 (186 x 151 x 315)	6.54 x 5.16 x 11.90 (165 x 131 x 302)	4.85 (2.20)	BP706A BP706S BP706N	FP706A FPH706A FPH706A-KIT
A31-1207E5CT A31-1207E5CTH A31-1207E5CTHPL2	11.89 x 7.32 x 13.83 (302 x 186 x 351)	11.10 x 6.54 x 13.33 (282 x 166 x 339)	7.35 (3.33)	BP1207A BP1207S BP1207N	FP1207A FPH1207A FPH1207A-KIT
A41-1212E5CT A41-1212E5CTH A41-1212E5CTHPL2	11.89 x 11.89 x 13.83 (302 x 302 x 351)	11.10 x 11.10 x 13.33 (282 x 282 x 339)	9.35 (4.24)	BP1212A BP1212S BP1212N	FP1212A FPH1212A FPH1212A-KIT
A71-1412E5CT A71-1412E5CTH A71-1412E5CTHPL2	14.65 x 11.89 x 13.83 (372 x 302 x 351)	13.86 x 11.10 x 13.33 (352 x 282 x 339)	11 (4.99)	BP1412A BP1412S BP1412N	FP1412A FPH1412A FPH1412A-KIT
Extension collars not available on A51-1912					
A81-2212E5CT A81-2212E5CTH A81-2212E5CTHPL2	21.97 x 11.89 x 20.11 (558 x 302 x 511)	21.14 x 11.10 x 19.61 (537 x 282 x 498)	17 (7.71)	BP2212A BP2212S BP2212N	FP2212A FPH2212A FPH2212A-KIT
A61-2412E5CT A61-2412E5CTH A61-2412E5CTHPL2	23.74 x 11.89 x 20.11 (603 x 302 x 511)	22.91 x 11.10 x 19.61 (582 x 282 x 498)	20 (9.07)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A11-2414E5CT A11-2414E5CTH A11-2414E5CTHPL2	23.74 x 14.65 x 20.11 (603 x 372 x 511)	22.91 x 13.86 x 19.61 (582 x 352 x 498)	24.3 (11.02)	BP2412A BP2412S BP2412N	FP2412A FPH2412A FPH2412A-KIT
A12-2424E5CT A12-2424E5CTH A12-2424E5CTHPL4	23.74 x 23.74 x 20.11 (603 x 603 x 511)	22.91 x 22.91 x 19.61 (582 x 582 x 498)	37.5 (17.01)	BP2424A BP2424S BP2424N	FP2424A FPH2424A FPH2424A-KIT

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A31-1207DT A31-1207DTH A31-1207DTHPL2	11.89 x 7.32 x 6.93 (302 x 186 x 176)	11.10 x 6.54 x 6.43 (282 x 166 x 163)	4 (1.81)	BP1207A BP1207S BP1207N	AFP1207A
A41-1212DT A41-1212DTH A41-1212DTHPL2	11.89 x 11.89 x 6.93 (302 x 302 x 176)	11.10 x 11.10 x 6.43 (282 x 282 x 163)	5 (2.27)	BP1212A BP1212S BP1212N	AFP1212A
A71-1412DT A71-1412DTH A71-1412DTHPL2	14.65 x 11.89 x 6.93 (372 x 302 x 176)	13.86 x 11.10 x 6.43 (352 x 282 x 163)	6 (2.72)	BP1412A BP1412S BP1412N	AFP1412A
A51-1912DT A51-1912DTH A51-1912DTHPL2	19.20 x 11.89 x 6.93 (488 x 302 x 176)	18.40 x 11.10 x 6.43 (467 x 282 x 163)	7.5 (3.40)	BP1912A BP1912S BP1912N	AFP1912A
A61-2412DT A61-2412DTH A61-2412DTHPL2	23.74 x 11.89 x 6.93 (603 x 302 x 176)	22.91 x 11.10 x 6.43 (582 x 282 x 163)	10 (4.54)	BP2412A BP2412S BP2412N	AFP2412A



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DT Cover with
1 Extension Collar



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DT Cover with
2 Extension Collars

APO

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A31-1207E1DT A31-1207E1DTH A31-1207E1DTHPL2	11.89 x 7.32 x 8.31 (302 x 186 x 211)	11.10 x 6.54 x 7.81 (282 x 166 x 198)	4.67 (2.12)	BP1207A BP1207S BP1207N	AFP1207A
A41-1212E1DT A41-1212E1DTH A41-1212E1DTHPL2	11.89 x 11.89 x 8.31 (302 x 302 x 211)	11.10 x 11.10 x 7.81 (282 x 282 x 198)	5.87 (2.66)	BP1212A BP1212S BP1212N	AFP1212A
A71-1412E1DT A71-1412E1DTH A71-1412E1DTHPL2	14.65 x 11.89 x 8.31 (372 x 302 x 211)	13.86 x 11.10 x 7.81 (352 x 282 x 198)	7 (3.18)	BP1412A BP1412S BP1412N	AFP1412A

Extension collars not available on A51-1912

A61-2412E1DT A61-2412E1DTH A61-2412E1DTHPL2	23.74 x 11.89 x 9.29 (603 x 302 x 236)	22.91 x 11.10 x 8.79 (582 x 282 x 223)	12 (5.44)	BP2412A BP2412S BP2412N	AFP2412A
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Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A31-1207E2DT A31-1207E2DTH A31-1207E2DTHPL2	11.89 x 7.32 x 9.69 (302 x 186 x 246)	11.10 x 6.54 x 9.19 (282 x 166 x 233)	5.34 (2.42)	BP1207A BP1207S BP1207N	AFP1207A
A41-1212E2DT A41-1212E2DTH A41-1212E2DTHPL2	11.89 x 11.89 x 9.69 (302 x 302 x 246)	11.10 x 11.10 x 9.19 (282 x 282 x 233)	6.74 (3.06)	BP1212A BP1212S BP1212N	AFP1212A
A71-1412E2DT A71-1412E2DTH A71-1412E2DTHPL2	14.65 x 11.89 x 9.69 (372 x 302 x 246)	13.86 x 11.10 x 9.19 (352 x 282 x 233)	8 (3.63)	BP1412A BP1412S BP1412N	AFP1412A

Extension collars not available on A51-1912

A61-2412E2DT A61-2412E2DTH A61-2412E2DTHPL2	23.74 x 11.89 x 11.65 (603 x 302 x 296)	22.91 x 11.10 x 11.15 (582 x 282 x 283)	14 (6.35)	BP2412A BP2412S BP2412N	AFP2412A
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DT Cover with
3 Extension Collars



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ENCLOSURE SYSTEMS INC.

DT Cover with
4 Extension Collars

APO

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A31-1207E3DT A31-1207E3DTH A31-1207E3DTHPL2	11.89 x 7.32 x 11.07 (302 x 186 x 281)	11.10 x 6.54 x 10.57 (282 x 166 x 268)	6.01 (2.73)	BP1207A BP1207S BP1207N	AFP1207A
A41-1212E3DT A41-1212E3DTH A41-1212E3DTHPL2	11.89 x 11.89 x 11.07 (302 x 302 x 281)	11.10 x 11.10 x 10.57 (282 x 282 x 268)	7.61 (3.45)	BP1212A BP1212S BP1212N	AFP1212A
A71-1412E3DT A71-1412E3DTH A71-1412E3DTHPL2	14.65 x 11.89 x 11.07 (372 x 302 x 281)	13.86 x 11.10 x 10.57 (352 x 282 x 268)	9 (4.08)	BP1412A BP1412S BP1412N	AFP1412A

Extension collars not available on A51-1912

A61-2412E3DT A61-2412E3DTH A61-2412E3DTHPL2	23.74 x 11.89 x 14.01 (603 x 302 x 356)	22.91 x 11.10 x 13.51 (582 x 282 x 343)	16 (7.26)	BP2412A BP2412S BP2412N	AFP2412A
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Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A31-1207E4DT A31-1207E4DTH A31-1207E4DTHPL2	11.89 x 7.32 x 12.45 (302 x 186 x 316)	11.10 x 6.54 x 11.95 (282 x 166 x 304)	6.68 (3.03)	BP1207A BP1207S BP1207N	AFP1207A
A41-1212E4DT A41-1212E4DTH A41-1212E4DTHPL2	11.89 x 11.89 x 12.45 (302 x 302 x 316)	11.10 x 11.10 x 11.95 (282 x 282 x 304)	8.48 (3.85)	BP1212A BP1212S BP1212N	AFP1212A
A71-1412E4DT A71-1412E4DTH A71-1412E4DTHPL2	14.65 x 11.89 x 12.45 (372 x 302 x 316)	13.86 x 11.10 x 11.95 (352 x 282 x 304)	10 (4.54)	BP1412A BP1412S BP1412N	AFP1412A

Extension collars not available on A51-1912

A61-2412E4DT A61-2412E4DTH A61-2412E4DTHPL2	23.74 x 11.89 x 16.37 (603 x 302 x 416)	22.91 x 11.10 x 15.87 (582 x 282 x 403)	18 (8.16)	BP2412A BP2412S BP2412N	AFP2412A
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DT Cover with
5 Extension Collars



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DT Covers and Kits

APO

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum
A31-1207E5DT A31-1207E5DTH A31-1207E5DTHPL2	11.89 x 7.32 x 13.83 (302 x 186 x 351)	11.10 x 6.54 x 13.33 (282 x 166 x 339)	7.35 (3.33)	BP1207A BP1207S BP1207N	AFP1207A
A41-1212E5DT A41-1212E5DTH A41-1212E5DTHPL2	11.89 x 11.89 x 13.83 (302 x 302 x 351)	11.10 x 11.10 x 13.33 (282 x 282 x 339)	9.35 (4.24)	BP1212A BP1212S BP1212N	AFP1212A
A71-1412E5DT A71-1412E5DTH A71-1412E5DTHPL2	14.65 x 11.89 x 13.83 (372 x 302 x 351)	13.86 x 11.10 x 13.33 (352 x 282 x 339)	11 (4.99)	BP1412A BP1412S BP1412N	AFP1412A

Extension collars not available on A51-1912

A61-2412E5DT A61-2412E5DTH A61-2412E5DTHPL2	23.74 x 11.89 x 18.73 (603 x 302 x 476)	22.91 x 11.10 x 18.23 (582 x 282 x 463)	20 (9.07)	BP2412A BP2412S BP2412N	AFP2412A
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Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Viewing Area H x W Inches (mm)	Weight Lbs (kg)
A31-DTCOVERLG A31-DTCOVERKIT	11.89 x 7.32 x 1.77 (302 x 186 x 45)	11.10 x 6.54 x 1.65 (282 x 166 x 42)	10.27 x 4.30 (261 x 109)	2.05 (.93)
A41-DTCOVERLG A41-DTCOVERKIT	11.89 x 11.89 x 1.77 (302 x 302 x 45)	11.10 x 11.10 x 1.65 (282 x 282 x 42)	10.27 x 8.90 (261 x 226)	2.27 (1.03)
A71-DTCOVERLG A71-DTCOVERKIT	14.65 x 11.89 x 1.77 (372 x 302 x 45)	13.86 x 11.10 x 1.65 (352 x 282 x 42)	11.66 x 10.27 (296 x 261)	3.13 (1.42)
A51-DTCOVERLG A51-DTCOVERKIT	19.20 x 11.89 x 1.77 (488 x 302 x 45)	18.40 x 11.10 x 1.65 (467 x 282 x 42)	16.12 x 10.27 (409 x 261)	3.55 (1.61)
A61-DTCOVERLG A61-DTCOVERKIT	23.74 x 11.89 x 1.77 (603 x 302 x 45)	22.91 x 11.10 x 1.65 (582 x 282 x 42)	20.70 x 10.27 (526 x 261)	4.55 (2.06)

Manufacturer's Recommended Installation Instructions:

As each application is different, these are general guidelines only:

1. Using DT Cover corner hole center dimensions pre-drill (hole diameter .203) panel for a #10 self-tapping screw (not included).
2. Mounting surface area should be flush and clean of dirt and debris.
3. Wipe clean DT cover gasket with clean cloth and alcohol.
4. Cover can be mounted on panel using VES "Blanking Insert" part # 41523.079 (included in KIT).
5. Place cover on panel and using the Blanking Insert, place one in each corner from the outside and secure from the inside with #10 self-tapping screw.
6. Seal head of screw on inside of panel with RTV to ensure watertight integrity.

Alternate construction:

Using long machine screws or bolts and a large enough washer to cover the DT cover corner screw holes, these can be used to mount the cover to the panel.





ARIA Series

configuration options and specifications

- * Prefix**
AN: Flat opaque cover
ANB: Flat cover with bonded window
ANG: Flat cover with gasketed window
- ** Suffix**
No Suffix: Molded non-metallic hinges and 3 point latching mechanism with quarter turn slot handle
FPHA: Molded non-metallic hinges, 3 point latching mechanism with quarter turn slot handle and hinged aluminum front plate
HKLA: Molded non-metallic hinges and 3 point latching mechanism with quarter turn key lock handle
HNA: Molded non-metallic hinges and 3 point latching mechanism with quarter turn neutral handle
HPLA: Molded non-metallic hinges and 3 point latching mechanism with quarter turn padlockable handle
PL: Molded non-metallic hinges and stainless steel padlockable twist latches
PLFPHA: Molded non-metallic hinges, stainless steel padlockable twist latches and hinged aluminum front plate

- Features**
- Enclosures are maintenance free and corrosion resistant.
 - Bases and covers are made from hot compression molded halogen free, self extinguishing fiberglass reinforced polyester (FRP) that can withstand continuous temperatures up to 158°F (-50°C to 70°C) and momentary exposure to 302°F (150°C).
 - Windows are made from 1/4" transparent Lexan.
 - 4 threaded studs are molded in for attachment of mounting plates and frames.
 - All enclosures can be easily modified to customer specifications.
 - Gaskets are made from continuously poured polyurethane foam.

Applications
ARIA enclosures feature a contoured body that provides an attractive and contemporary appearance. These enclosures can be used as insulated electrical junction boxes, terminal wiring boxes, instrument housings and electrical control housings in wet, dusty and corrosive environments.

- Standards**

IEC 60439-1
IEC 60529 (IP65) (IP66)
IEC 62208
IEC 62262 (IK10)
- EN 60439-1
EN 60529 (IP65) (IP66)
EN 62208
EN 62262 (IK10)
- Approvals**

UL Listed Types 3, 3R, 3S, 4, 4X, 12 & 13
CSA 3, 3R, 3S, 4, 4X, 12 & 13
Lloyd's Register of Shipping



Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum N: Non-Metallic
AN1208 AN1208FPHA AN1208HKLA AN1208HNA AN1208HPLA AN1208PL AN1208PLFPHA	12.40 x 8.46 x 6.69 (315 x 215 x 170)	10.82 x 6.69 x 6.38 (275 x 170 x 162)	5 (2.27)	ABP1208A ABP1208S ABP1208N	AFP1208A AFP1208N AFPH1208A AFPH1208N AFPH1208A-KIT AFPH1208N-KIT
AN1612 AN1612FPHA AN1612HKLA AN1612HNA AN1612HPLA AN1612PL AN1612PLFPHA	16.34 x 12.40 x 6.69 (415 x 315 x 170)	14.83 x 10.63 x 6.38 (375 x 270 x 162)	8 (3.63)	ABP1612A ABP1612S ABP1612N	AFP1612A AFP1612N AFPH1612A AFPH1612N AFPH1612A-KIT AFPH1612N-KIT
AN2016 AN2016FPHA AN2016HKLA AN2016HNA AN2016HPLA AN2016PL AN2016PLFPHA	20.28 x 16.34 x 9.06 (515 x 415 x 230)	18.75 x 14.58 x 8.82 (475 x 370 x 224)	14 (6.35)	ABP2016A ABP2016S ABP2016N	AFP2016A AFP2016N AFPH2016A AFPH2016N AFPH2016A-KIT AFPH2016N-KIT
AN2416 AN2416FPHA AN2416HKLA AN2416HNA AN2416HPLA AN2416PL AN2416PLFPHA	24.21 x 16.34 x 9.06 (615 x 415 x 230)	22.70 x 14.51 x 8.82 (575 x 370 x 224)	16 (7.26)	ABP2416A ABP2416S ABP2416N	AFP2416A AFP2416N AFPH2416A AFPH2416N AFPH2416A-KIT AFPH2416N-KIT
AN2820 AN2820FPHA AN2820HKLA AN2820HNA AN2820HPLA AN2820PL AN2820PLFPHA	28.94 x 21.06 x 10.63 (735 x 535 x 270)	26.57 x 18.50 x 10.39 (675 x 470 x 264)	30 (13.61)	ABP2820A ABP2820S ABP2820N	AFP2820A AFP2820N AFPH2820A AFPH2820N AFPH2820A-KIT AFPH2820N-KIT
AN3325 AN3325FPHA AN3325HKLA AN3325HNA AN3325HPLA AN3325PL AN3325PLFPHA	32.87 x 25.00 x 11.81 (835 x 635 x 300)	30.78 x 22.44 x 11.57 (775 x 570 x 294)	36 (16.33)	ABP3325A ABP3325S ABP3325N	AFP3325A AFP3325N AFPH3325A AFPH3325N AFPH3325A-KIT AFPH3325N-KIT
AN4032 AN4032FPHA AN4032HKLA AN4032HNA AN4032HPLA AN4032PL AN4032PLFPHA	40.75 x 32.87 x 11.81 (1035 x 835 x 300)	39.16 x 30.28 x 11.57 (975 x 770 x 294)	51 (23.13)	ABP4032A ABP4032S ABP4032N	AFP4032A AFP4032N AFPH4032A AFPH4032N AFPH4032A-KIT AFPH4032N-KIT



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Bonded Window



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Gasketed Window

ARIA

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum N: Non-Metallic
ANB1208 ANB1208FPHA ANB1208HKLA ANB1208HNA ANB1208HPLA ANB1208PL ANB1208PLFPHA	12.40 x 8.46 x 6.69 (315 x 215 x 170)	10.82 x 6.69 x 6.38 (275 x 170 x 162)	5 (2.27)	ABP1208A ABP1208S ABP1208N	AFP1208A AFP1208N AFPH1208A AFPH1208N AFPH1208A-KIT AFPH1208N-KIT
ANB1612 ANB1612FPHA ANB1612HKLA ANB1612HNA ANB1612HPLA ANB1612PL ANB1612PLFPHA	16.34 x 12.40 x 6.69 (415 x 315 x 170)	14.83 x 10.63 x 6.38 (375 x 270 x 162)	8 (3.63)	ABP1612A ABP1612S ABP1612N	AFP1612A AFP1612N AFPH1612A AFPH1612N AFPH1612A-KIT AFPH1612N-KIT
ANB2016 ANB2016FPHA ANB2016HKLA ANB2016HNA ANB2016HPLA ANB2016PL ANB2016PLFPHA	20.28 x 16.34 x 9.06 (515 x 415 x 230)	18.75 x 14.58 x 8.82 (475 x 370 x 224)	14 (6.35)	ABP2016A ABP2016S ABP2016N	AFP2016A AFP2016N AFPH2016A AFPH2016N AFPH2016A-KIT AFPH2016N-KIT
ANB2416 ANB2416FPHA ANB2416HKLA ANB2416HNA ANB2416HPLA ANB2416PL ANB2416PLFPHA	24.21 x 16.34 x 9.06 (615 x 415 x 230)	22.70 x 14.51 x 8.82 (575 x 370 x 224)	16 (7.26)	ABP2416A ABP2416S ABP2416N	AFP2416A AFP2416N AFPH2416A AFPH2416N AFPH2416A-KIT AFPH2416N-KIT
ANB2820 ANB2820FPHA ANB2820HKLA ANB2820HNA ANB2820HPLA ANB2820PL ANB2820PLFPHA	28.94 x 21.06 x 10.63 (735 x 535 x 270)	26.57 x 18.50 x 10.39 (675 x 470 x 264)	30 (13.61)	ABP2820A ABP2820S ABP2820N	AFP2820A AFP2820N AFPH2820A AFPH2820N AFPH2820A-KIT AFPH2820N-KIT
ANB3325 ANB3325FPHA ANB3325HKLA ANB3325HNA ANB3325HPLA ANB3325PL ANB3325PLFPHA	32.87 x 25.00 x 11.81 (835 x 635 x 300)	30.78 x 22.44 x 11.57 (775 x 570 x 294)	36 (16.33)	ABP3325A ABP3325S ABP3325N	AFP3325A AFP3325N AFPH3325A AFPH3325N AFPH3325A-KIT AFPH3325N-KIT
ANB4032 ANB4032FPHA ANB4032HKLA ANB4032HNA ANB4032HPLA ANB4032PL ANB4032PLFPHA	40.75 x 32.87 x 11.81 (1035 x 835 x 300)	39.16 x 30.28 x 11.57 (975 x 770 x 294)	51 (23.13)	ABP4032A ABP4032S ABP4032N	AFP4032A AFP4032N AFPH4032A AFPH4032N AFPH4032A-KIT AFPH4032N-KIT

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum N: Non-Metallic
ANG1208 ANG1208FPHA ANG1208HKLA ANG1208HNA ANG1208HPLA ANG1208PL ANG1208PLFPHA	12.40 x 8.46 x 6.69 (315 x 215 x 170)	10.82 x 6.69 x 6.38 (275 x 170 x 162)	5 (2.27)	ABP1208A ABP1208S ABP1208N	AFP1208A AFP1208N AFPH1208A AFPH1208N AFPH1208A-KIT AFPH1208N-KIT
ANG1612 ANG1612FPHA ANG1612HKLA ANG1612HNA ANG1612HPLA ANG1612PL ANG1612PLFPHA	16.34 x 12.40 x 6.69 (415 x 315 x 170)	14.83 x 10.63 x 6.38 (375 x 270 x 162)	8 (3.63)	ABP1612A ABP1612S ABP1612N	AFP1612A AFP1612N AFPH1612A AFPH1612N AFPH1612A-KIT AFPH1612N-KIT
ANG2016 ANG2016FPHA ANG2016HKLA ANG2016HNA ANG2016HPLA ANG2016PL ANG2016PLFPHA	20.28 x 16.34 x 9.06 (515 x 415 x 230)	18.75 x 14.58 x 8.82 (475 x 370 x 224)	14 (6.35)	ABP2016A ABP2016S ABP2016N	AFP2016A AFP2016N AFPH2016A AFPH2016N AFPH2016A-KIT AFPH2016N-KIT
ANG2416 ANG2416FPHA ANG2416HKLA ANG2416HNA ANG2416HPLA ANG2416PL ANG2416PLFPHA	24.21 x 16.34 x 9.06 (615 x 415 x 230)	22.70 x 14.51 x 8.82 (575 x 370 x 224)	16 (7.26)	ABP2416A ABP2416S ABP2416N	AFP2416A AFP2416N AFPH2416A AFPH2416N AFPH2416A-KIT AFPH2416N-KIT
ANG2820 ANG2820FPHA ANG2820HKLA ANG2820HNA ANG2820HPLA ANG2820PL ANG2820PLFPHA	28.94 x 21.06 x 10.63 (735 x 535 x 270)	26.57 x 18.50 x 10.39 (675 x 470 x 264)	30 (13.61)	ABP2820A ABP2820S ABP2820N	AFP2820A AFP2820N AFPH2820A AFPH2820N AFPH2820A-KIT AFPH2820N-KIT
ANG3325 ANG3325FPHA ANG3325HKLA ANG3325HNA ANG3325HPLA ANG3325PL ANG3325PLFPHA	32.87 x 25.00 x 11.81 (835 x 635 x 300)	30.78 x 22.44 x 11.57 (775 x 570 x 294)	36 (16.33)	ABP3325A ABP3325S ABP3325N	AFP3325A AFP3325N AFPH3325A AFPH3325N AFPH3325A-KIT AFPH3325N-KIT
ANG4032 ANG4032FPHA ANG4032HKLA ANG4032HNA ANG4032HPLA ANG4032PL ANG4032PLFPHA	40.75 x 32.87 x 11.81 (1035 x 835 x 300)	39.16 x 30.28 x 11.57 (975 x 770 x 294)	51 (23.13)	ABP4032A ABP4032S ABP4032N	AFP4032A AFP4032N AFPH4032A AFPH4032N AFPH4032A-KIT AFPH4032N-KIT



Polysafe Series

configuration options and specifications

- * Prefix**
PS: Flat opaque cover
PSB: Flat cover with bonded window
PSG: Flat cover with gasketed window
- ** Suffix**
A: Stainless steel pinned hinges and 3 or 5 point latching mechanism with full turn standard handle
/2A: Stainless steel pinned hinges, two doors and 3 or 5 point latching mechanism with full turn standard handle
/2LA: Stainless steel pinned hinges, two lateral doors and 3 or 5 point latching mechanism with full turn standard handle
DFR: Front and rear doors installed
E1: One extension collar installed
E2: Two extension collars installed
/2A available on 3050, 4040, 4050 and 5040 enclosures
/2LA available on 5040 enclosures

- Features**
- Enclosures are maintenance free and corrosion resistant.
 - Bases and covers are hot compression molded from halogen free, self extinguishing fiberglass reinforced polyester (FRP) that can withstand continuous temperatures from -58°F to 302°F (-50°C to 150°C) and momentary exposure to 392°F (200°C).
 - Windows are made from 1/4" transparent Lexan.
 - Can be coupled in height, width and depth for wall mounting and freestanding units.
 - Standard 3 or 5 point latching mechanism (dependant on size).
 - All enclosures can be easily modified to customer specifications.
 - Gaskets are made from continuously poured polyurethane foam.

Applications
Polysafe enclosures are highly effective at protecting electrical and electronic controls. These enclosures can be used as insulated electrical junction boxes, terminal wiring boxes, instrument housings and electrical control housings in wet, dusty and corrosive environments.

- Standards**

IEC 60529 (IP65)
IEC 62208
IEC 62262 (IK10)
- EN 60529 (IP65)
EN 62208
EN 62262 (IK10)
- Approvals**

UL Listed Types 3, 3R, 3S, 4, 4X, 12, 12K & 13
CSA 3, 3R, 3S, 4, 4X, 12 & 13
Lloyd's Register of Shipping



Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum Non-metallic	19" Swing Frame Aluminum
PS2020A PS2020ADFR	19.69 x 19.69 x 12.60 (500 x 500 x 320)	19.44 x 19.44 x 12.35 (494 x 494 x 314)	25.5 (11.57)	PSBP22A PSBP22S PSBP22N	PSFPH2020A PSFPH2020A-KIT PSID22	Not Available
PS2030A PS2030ADFR	19.69 x 29.53 x 12.60 (500 x 750 x 320)	19.44 x 29.28 x 12.35 (494 x 744 x 314)	37.5 (17.01)	PSBP32A PSBP32S PSBP32N	PSID23	PSPF-2030
PS3020A PS3020ADFR	29.53 x 19.69 x 12.60 (750 x 500 x 320)	29.28 x 19.44 x 12.35 (744 x 494 x 314)	37.5 (17.01)	PSBP32A PSBP32S PSBP32N	PSFPH3020A PSFPH3020A-KIT PSID32	Not Available
PS3030A PS3030ADFR	29.53 x 29.53 x 12.60 (750 x 750 x 320)	29.28 x 29.28 x 12.35 (744 x 744 x 314)	43.8 (19.87)	PSBP33A PSBP33S PSBP33N	PSFPH3030A PSFPH3030A-KIT PSID33	PSPF-3030
PS3040A PS3040ADFR	29.53 x 39.37 x 12.60 (750 x 1000 x 320)	29.28 x 39.12 x 12.35 (744 x 994 x 314)	56 (25.40)	PSBP43A PSBP43S PSBP43N	Not Available	Not Available
PS3050/2A PS3050/2ADFR	29.53 x 49.21 x 12.60 (750 x 1250 x 320)	29.28 x 48.96 x 12.35 (744 x 1244 x 314)	69 (31.30)	PSBP53A PSBP53S PSBP53N	Not Available	Not Available
PS4020A PS4020ADFR	39.37 x 19.69 x 12.60 (1000 x 500 x 320)	39.12 x 19.44 x 12.35 (994 x 494 x 314)	43.8 (19.87)	PSBP42A PSBP42S PSBP42N	PSID42	Not Available
PS4030A PS4030ADFR	39.37 x 29.53 x 12.60 (1000 x 750 x 320)	39.12 x 29.28 x 12.35 (994 x 744 x 314)	56 (25.40)	PSBP43A PSBP43S PSBP43N	PSFPH4030A PSFPH4030A-KIT PSID43	PSPF-4030
PS4040A PS4040/2A PS4040ADFR PS4040/2ADFR	39.37 x 39.37 x 12.60 (1000 x 1000 x 320)	39.12 x 39.12 x 12.35 (994 x 994 x 314)	69.6 (31.57)	PSBP44A PSBP44S PSBP44N	Not Available	Not Available
PS4050/2A PS4050/2ADFR	39.37 x 49.21 x 12.60 (1000 x 1250 x 320)	39.12 x 48.96 x 12.35 (994 x 1244 x 314)	83.5 (37.87)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available
PS5030A PS5030ADFR	49.21 x 29.53 x 12.60 (1250 x 750 x 320)	48.96 x 29.28 x 12.35 (1244 x 744 x 314)	69 (31.30)	PSBP53A PSBP53S PSBP53N	PSFPH5030A PSFPH5030A-KIT	PSPF-5030
PS5040/2A PS5040/2LA PS5040/2ADFR PS5040/2LADFR	49.21 x 39.37 x 12.60 (1250 x 1000 x 320)	48.96 x 39.12 x 12.35 (1244 x 994 x 314)	83.5 (37.87)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available



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Opaque Cover with
1 Extension Collar



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ENCLOSURE SYSTEMS INC.

Opaque Cover with
2 Extension Collars

Polysafe

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum Non-metallic	19" Swing Frame Aluminum
PS2020E1A PS2020E1ADFR	19.69 x 19.69 x 25.20 (500 x 500 x 640)	19.44 x 19.44 x 24.70 (494 x 494 x 628)	50 (22.68)	PSBP22A PSBP22S PSBP22N	PSFPH2020A PSFPH2020A-KIT PSID22	Not Available
PS2030E1A PS2030E1ADFR	19.69 x 29.53 x 25.20 (500 x 750 x 640)	19.44 x 29.28 x 24.70 (494 x 744 x 628)	75 (34.02)	PSBP32A PSBP32S PSBP32N	PSID23	PSPF-2030
PS3020E1A PS3020E1ADFR	29.53 x 19.69 x 25.20 (750 x 500 x 640)	29.28 x 19.44 x 24.70 (744 x 494 x 628)	75 (34.02)	PSBP32A PSBP32S PSBP32N	PSFPH3020A PSFPH3020A-KIT PSID32	Not Available
PS3030E1A PS3030E1ADFR	29.53 x 29.53 x 25.20 (750 x 750 x 640)	29.28 x 29.28 x 24.70 (744 x 744 x 628)	87.6 (39.73)	PSBP33A PSBP33S PSBP33N	PSFPH3030A PSFPH3030A-KIT PSID33	PSPF-3030
PS3040E1A PS3040E1ADFR	29.53 x 39.37 x 25.20 (750 x 1000 x 640)	29.28 x 39.12 x 24.70 (744 x 994 x 628)	112 (50.80)	PSBP43A PSBP43S PSBP43N	Not Available	Not Available
PS3050E1/2A PS3050E1/2ADFR	29.53 x 49.21 x 25.20 (750 x 1250 x 640)	29.28 x 48.96 x 24.70 (744 x 1244 x 628)	138 (62.60)	PSBP53A PSBP53S PSBP53N	Not Available	Not Available
PS4020E1A PS4020E1ADFR	39.37 x 19.69 x 25.20 (1000 x 500 x 640)	39.12 x 19.44 x 24.70 (994 x 494 x 628)	87.6 (39.73)	PSBP42A PSBP42S PSBP42N	PSID42	Not Available
PS4030E1A PS4030E1ADFR	39.37 x 29.53 x 25.20 (1000 x 750 x 640)	39.12 x 29.28 x 24.70 (994 x 744 x 628)	112 (50.80)	PSBP43A PSBP43S PSBP43N	PSFPH4030A PSFPH4030A-KIT PSID43	PSPF-4030
PS4040E1A PS4040E1/2A PS4040E1ADFR PS4040E1/2ADFR	39.37 x 39.37 x 25.20 (1000 x 1000 x 640)	39.12 x 39.12 x 24.70 (994 x 994 x 628)	138 (62.60)	PSBP44A PSBP44S PSBP44N	Not Available	Not Available
PS4050E1/2A PS4050E1/2ADFR	39.37 x 49.21 x 25.20 (1000 x 1250 x 640)	39.12 x 48.96 x 24.70 (994 x 1244 x 628)	167 (75.75)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available
PS5030E1A PS5030E1ADFR	49.21 x 29.53 x 25.20 (1250 x 750 x 640)	48.96 x 29.28 x 24.70 (1244 x 744 x 628)	138 (62.60)	PSBP53A PSBP53S PSBP53N	PSFPH5030A PSFPH5030A-KIT	PSPF-5030
PS5040E1/2A PS5040E1/2LA PS5040E1/2ADFR PS5040E1/2LADFR	49.21 x 39.37 x 25.20 (1250 x 1000 x 640)	48.96 x 39.12 x 24.70 (1244 x 994 x 628)	167 (75.75)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum Non-metallic	19" Swing Frame Aluminum
PS2020E2A PS2020E2ADFR	19.69 x 19.69 x 37.80 (500 x 500 x 960)	19.44 x 19.44 x 37.09 (494 x 494 x 942)	75 (34.02)	PSBP22A PSBP22S PSBP22N	PSFPH2020A PSFPH2020A-KIT PSID22	Not Available
PS2030E2A PS2030E2ADFR	19.69 x 29.53 x 37.80 (500 x 750 x 960)	19.44 x 29.28 x 37.09 (494 x 744 x 942)	112 (50.80)	PSBP32A PSBP32S PSBP32N	PSID23	PSPF-2030
PS3020E2A PS3020E2ADFR	29.53 x 19.69 x 37.80 (750 x 500 x 960)	29.28 x 19.44 x 37.09 (744 x 494 x 942)	112 (50.80)	PSBP32A PSBP32S PSBP32N	PSFPH3020A PSFPH3020A-KIT PSID32	Not Available
PS3030E2A PS3030E2ADFR	29.53 x 29.53 x 37.80 (750 x 750 x 960)	29.28 x 29.28 x 37.09 (744 x 744 x 942)	131 (59.42)	PSBP33A PSBP33S PSBP33N	PSFPH3030A PSFPH3030A-KIT PSID33	PSPF-3030
PS3040E2A PS3040E2ADFR	29.53 x 39.37 x 37.80 (750 x 1000 x 960)	29.28 x 39.12 x 37.09 (744 x 994 x 942)	168 (76.20)	PSBP43A PSBP43S PSBP43N	Not Available	Not Available
PS3050E2/2A PS3050E2/2ADFR	29.53 x 49.21 x 37.80 (750 x 1250 x 960)	29.28 x 48.96 x 37.09 (744 x 1244 x 942)	207 (93.89)	PSBP53A PSBP53S PSBP53N	Not Available	Not Available
PS4020E2A PS4020E2ADFR	39.37 x 19.69 x 37.80 (1000 x 500 x 960)	39.12 x 19.44 x 37.09 (994 x 494 x 942)	131 (59.42)	PSBP42A PSBP42S PSBP42N	PSID42	Not Available
PS4030E2A PS4030E2ADFR	39.37 x 29.53 x 37.80 (1000 x 750 x 960)	39.12 x 29.28 x 37.09 (994 x 744 x 942)	168 (76.20)	PSBP43A PSBP43S PSBP43N	PSFPH4030A PSFPH4030A-KIT PSID43	PSPF-4030
PS4040E2A PS4040E2/2A PS4040E2ADFR PS4040E2/2ADFR	39.37 x 39.37 x 37.80 (1000 x 1000 x 960)	39.12 x 39.12 x 37.09 (994 x 994 x 942)	209 (94.80)	PSBP44A PSBP44S PSBP44N	Not Available	Not Available
PS4050E2/2A PS4050E2/2ADFR	39.37 x 49.21 x 37.80 (1000 x 1250 x 960)	39.12 x 48.96 x 37.09 (994 x 1244 x 942)	251 (113.85)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available
PS5030E2A PS5030E2ADFR	49.21 x 29.53 x 37.80 (1250 x 750 x 960)	48.96 x 29.28 x 37.09 (1244 x 744 x 942)	207 (93.89)	PSBP53A PSBP53S PSBP53N	PSFPH5030A PSFPH5030A-KIT	PSPF-5030
PS5040E2/2A PS5040E2/2LA PS5040E2/2ADFR PS5040E2/2LADFR	49.21 x 39.37 x 37.80 (1250 x 1000 x 960)	48.96 x 39.12 x 37.09 (1244 x 994 x 942)	251 (113.85)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available



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Bonded Window



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Bonded Window with
1 Extension Collar

Polysafe

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum Non-metallic	19" Swing Frame Aluminum
PSB2020A PSB2020ADFR	19.69 x 19.69 x 12.60 (500 x 500 x 320)	19.44 x 19.44 x 12.35 (494 x 494 x 314)	25.5 (11.57)	PSBP22A PSBP22S PSBP22N	PSFPH2020A PSFPH2020A-KIT PSID22	Not Available
PSB2030A PSB2030ADFR	19.69 x 29.53 x 12.60 (500 x 750 x 320)	19.44 x 29.28 x 12.35 (494 x 744 x 314)	37.5 (17.01)	PSBP32A PSBP32S PSBP32N	PSID23	PSPF-2030
PSB3020A PSB3020ADFR	29.53 x 19.69 x 12.60 (750 x 500 x 320)	29.28 x 19.44 x 12.35 (744 x 494 x 314)	37.5 (17.01)	PSBP32A PSBP32S PSBP32N	PSFPH3020A PSFPH3020A-KIT PSID32	Not Available
PSB3030A PSB3030ADFR	29.53 x 29.53 x 12.60 (750 x 750 x 320)	29.28 x 29.28 x 12.35 (744 x 744 x 314)	43.8 (19.87)	PSBP33A PSBP33S PSBP33N	PSFPH3030A PSFPH3030A-KIT PSID33	PSPF-3030
PSB3040A PSB3040ADFR	29.53 x 39.37 x 12.60 (750 x 1000 x 320)	29.28 x 39.12 x 12.35 (744 x 994 x 314)	56 (25.40)	PSBP43A PSBP43S PSBP43N	Not Available	Not Available
PSB3050/2A PSB3050/2ADFR	29.53 x 49.21 x 12.60 (750 x 1250 x 320)	29.28 x 48.96 x 12.35 (744 x 1244 x 314)	69 (31.30)	PSBP53A PSBP53S PSBP53N	Not Available	Not Available
PSB4020A PSB4020ADFR	39.37 x 19.69 x 12.60 (1000 x 500 x 320)	39.12 x 19.44 x 12.35 (994 x 494 x 314)	43.8 (19.87)	PSBP42A PSBP42S PSBP42N	PSID42	Not Available
PSB4030A PSB4030ADFR	39.37 x 29.53 x 12.60 (1000 x 750 x 320)	39.12 x 29.28 x 12.35 (994 x 744 x 314)	56 (25.40)	PSBP43A PSBP43S PSBP43N	PSFPH4030A PSFPH4030A-KIT PSID43	PSPF-4030
PSB4040A PSB4040/2A PSB4040ADFR PSB4040/2ADFR	39.37 x 39.37 x 12.60 (1000 x 1000 x 320)	39.12 x 39.12 x 12.35 (994 x 994 x 314)	69.6 (31.57)	PSBP44A PSBP44S PSBP44N	Not Available	Not Available
PSB4050/2A PSB4050/2ADFR	39.37 x 49.21 x 12.60 (1000 x 1250 x 320)	39.12 x 48.96 x 12.35 (994 x 1244 x 314)	83.5 (37.87)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available
PSB5030A PSB5030ADFR	49.21 x 29.53 x 12.60 (1250 x 750 x 320)	48.96 x 29.28 x 12.35 (1244 x 744 x 314)	69 (31.30)	PSBP53A PSBP53S PSBP53N	PSFPH5030A PSFPH5030A-KIT	PSPF-5030
PSB5040/2A PSB5040/2LA PSB5040/2ADFR PSB5040/2LADFR	49.21 x 39.37 x 12.60 (1250 x 1000 x 320)	48.96 x 39.12 x 12.35 (1244 x 994 x 314)	83.5 (37.87)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum Non-metallic	19" Swing Frame Aluminum
PSB2020E1A PSB2020E1ADFR	19.69 x 19.69 x 25.20 (500 x 500 x 640)	19.44 x 19.44 x 24.70 (494 x 494 x 628)	50 (22.68)	PSBP22A PSBP22S PSBP22N	PSFPH2020A PSFPH2020A-KIT PSID22	Not Available
PSB2030E1A PSB2030E1ADFR	19.69 x 29.53 x 25.20 (500 x 750 x 640)	19.44 x 29.28 x 24.70 (494 x 744 x 628)	75 (34.02)	PSBP32A PSBP32S PSBP32N	PSID23	PSPF-2030
PSB3020E1A PSB3020E1ADFR	29.53 x 19.69 x 25.20 (750 x 500 x 640)	29.28 x 19.44 x 24.70 (744 x 494 x 628)	75 (34.02)	PSBP32A PSBP32S PSBP32N	PSFPH3020A PSFPH3020A-KIT PSID32	Not Available
PSB3030E1A PSB3030E1ADFR	29.53 x 29.53 x 25.20 (750 x 750 x 640)	29.28 x 29.28 x 24.70 (744 x 744 x 628)	87.6 (39.73)	PSBP33A PSBP33S PSBP33N	PSFPH3030A PSFPH3030A-KIT PSID33	PSPF-3030
PSB3040E1A PSB3040E1ADFR	29.53 x 39.37 x 25.20 (750 x 1000 x 640)	29.28 x 39.12 x 24.70 (744 x 994 x 628)	112 (50.80)	PSBP43A PSBP43S PSBP43N	Not Available	Not Available
PSB3050E1/2A PSB3050E1/2ADFR	29.53 x 49.21 x 25.20 (750 x 1250 x 640)	29.28 x 48.96 x 24.70 (744 x 1244 x 628)	138 (62.60)	PSBP53A PSBP53S PSBP53N	Not Available	Not Available
PSB4020E1A PSB4020E1ADFR	39.37 x 19.69 x 25.20 (1000 x 500 x 640)	39.12 x 19.44 x 24.70 (994 x 494 x 628)	87.6 (39.73)	PSBP42A PSBP42S PSBP42N	PSID42	Not Available
PSB4030E1A PSB4030E1ADFR	39.37 x 29.53 x 25.20 (1000 x 750 x 640)	39.12 x 29.28 x 24.70 (994 x 744 x 628)	112 (50.80)	PSBP43A PSBP43S PSBP43N	PSFPH4030A PSFPH4030A-KIT PSID43	PSPF-4030
PSB4040E1A PSB4040E1/2A PSB4040E1ADFR PSB4040E1/2ADFR	39.37 x 39.37 x 25.20 (1000 x 1000 x 640)	39.12 x 39.12 x 24.70 (994 x 994 x 628)	138 (62.60)	PSBP44A PSBP44S PSBP44N	Not Available	Not Available
PSB4050E1/2A PSB4050E1/2ADFR	39.37 x 49.21 x 25.20 (1000 x 1250 x 640)	39.12 x 48.96 x 24.70 (994 x 1244 x 628)	167 (75.75)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available
PSB5030E1A PSB5030E1ADFR	49.21 x 29.53 x 25.20 (1250 x 750 x 640)	48.96 x 29.28 x 24.70 (1244 x 744 x 628)	138 (62.60)	PSBP53A PSBP53S PSBP53N	PSFPH5030A PSFPH5030A-KIT	PSPF-5030
PSB5040E1/2A PSB5040E1/2LA PSB5040E1/2ADFR PSB5040E1/2LADFR	49.21 x 39.37 x 25.20 (1250 x 1000 x 640)	48.96 x 39.12 x 24.70 (1244 x 994 x 628)	167 (75.75)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available



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Bonded Window with
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Gasketed Window

Polysafe

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum Non-metallic	19" Swing Frame Aluminum
PSB2020E2A PSB2020E2ADFR	19.69 x 19.69 x 37.80 (500 x 500 x 960)	19.44 x 19.44 x 37.09 (494 x 494 x 942)	75 (34.02)	PSBP22A PSBP22S PSBP22N	PSFPH2020A PSFPH2020A-KIT PSID22	Not Available
PSB2030E2A PSB2030E2ADFR	19.69 x 29.53 x 37.80 (500 x 750 x 960)	19.44 x 29.28 x 37.09 (494 x 744 x 942)	112 (50.80)	PSBP32A PSBP32S PSBP32N	PSID23	PSPF-2030
PSB3020E2A PSB3020E2ADFR	29.53 x 19.69 x 37.80 (750 x 500 x 960)	29.28 x 19.44 x 37.09 (744 x 494 x 942)	112 (50.80)	PSBP32A PSBP32S PSBP32N	PSFPH3020A PSFPH3020A-KIT PSID32	Not Available
PSB3030E2A PSB030E2ADFR	29.53 x 29.53 x 37.80 (750 x 750 x 960)	29.28 x 29.28 x 37.09 (744 x 744 x 942)	131 (59.42)	PSBP33A PSBP33S PSBP33N	PSFPH3030A PSFPH3030A-KIT PSID33	PSPF-3030
PSB3040E2A PSB3040E2ADFR	29.53 x 39.37 x 37.80 (750 x 1000 x 960)	29.28 x 39.12 x 37.09 (744 x 994 x 942)	168 (76.20)	PSBP43A PSBP43S PSBP43N	Not Available	Not Available
PSB3050E2/2A PSB3050E2/2ADFR	29.53 x 49.21 x 37.80 (750 x 1250 x 960)	29.28 x 48.96 x 37.09 (744 x 1244 x 942)	207 (93.89)	PSBP53A PSBP53S PSBP53N	Not Available	Not Available
PSB4020E2A PSB4020E2ADFR	39.37 x 19.69 x 37.80 (1000 x 500 x 960)	39.12 x 19.44 x 37.09 (994 x 494 x 942)	131 (59.42)	PSBP42A PSBP42S PSBP42N	PSID42	Not Available
PSB4030E2A PSB4030E2ADFR	39.37 x 29.53 x 37.80 (1000 x 750 x 960)	39.12 x 29.28 x 37.09 (994 x 744 x 942)	168 (76.20)	PSBP43A PSBP43S PSBP43N	PSFPH4030A PSFPH4030A-KIT PSID43	PSPF-4030
PSB4040E2A PSB4040E2/2A PSB4040E2ADFR PSB4040E2/2ADFR	39.37 x 39.37 x 37.80 (1000 x 1000 x 960)	39.12 x 39.12 x 37.09 (994 x 994 x 942)	209 (94.80)	PSBP44A PSBP44S PSBP44N	Not Available	Not Available
PSB4050E2/2A PSB4050E2/2ADFR	39.37 x 49.21 x 37.80 (1000 x 1250 x 960)	39.12 x 48.96 x 37.09 (994 x 1244 x 942)	251 (113.85)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available
PSB5030E2A PSB5030E2ADFR	49.21 x 29.53 x 37.80 (1250 x 750 x 960)	48.96 x 29.28 x 37.09 (1244 x 744 x 942)	207 (93.89)	PSBP53A PSBP53S PSBP53N	PSFPH5030A PSFPH5030A-KIT	PSPF-5030
PSB5040E2/2A PSB5040E2/2LA PSB5040E2/2ADFR PSB5040E2/2LADFR	49.21 x 39.37 x 37.80 (1250 x 1000 x 960)	48.96 x 39.12 x 37.09 (1244 x 994 x 942)	251 (113.85)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum Non-metallic	19" Swing Frame Aluminum
PSG2020A PSG2020ADFR	19.69 x 19.69 x 12.60 (500 x 500 x 320)	19.44 x 19.44 x 12.35 (494 x 494 x 314)	25.5 (11.57)	PSBP22A PSBP22S PSBP22N	PSFPH2020A PSFPH2020A-KIT PSID22	Not Available
PSG2030A PSG2030ADFR	19.69 x 29.53 x 12.60 (500 x 750 x 320)	19.44 x 29.28 x 12.35 (494 x 744 x 314)	37.5 (17.01)	PSBP32A PSBP32S PSBP32N	PSID23	PSPF-2030
PSG3020A PSG3020ADFR	29.53 x 19.69 x 12.60 (750 x 500 x 320)	29.28 x 19.44 x 12.35 (744 x 494 x 314)	37.5 (17.01)	PSBP32A PSBP32S PSBP32N	PSFPH3020A PSFPH3020A-KIT PSID32	Not Available
PSG3030A PSG3030ADFR	29.53 x 29.53 x 12.60 (750 x 750 x 320)	29.28 x 29.28 x 12.35 (744 x 744 x 314)	43.8 (19.87)	PSBP33A PSBP33S PSBP33N	PSFPH3030A PSFPH3030A-KIT PSID33	PSPF-3030
PSG3040A PSG3040ADFR	29.53 x 39.37 x 12.60 (750 x 1000 x 320)	29.28 x 39.12 x 12.35 (744 x 994 x 314)	56 (25.40)	PSBP43A PSBP43S PSBP43N	Not Available	Not Available
PSG3050/2A PSG3050/2ADFR	29.53 x 49.21 x 12.60 (750 x 1250 x 320)	29.28 x 48.96 x 12.35 (744 x 1244 x 314)	69 (31.30)	PSBP53A PSBP53S PSBP53N	Not Available	Not Available
PSG4020A PSG4020ADFR	39.37 x 19.69 x 12.60 (1000 x 500 x 320)	39.12 x 19.44 x 12.35 (994 x 494 x 314)	43.8 (19.87)	PSBP42A PSBP42S PSBP42N	PSID42	Not Available
PSG4030A PSG4030ADFR	39.37 x 29.53 x 12.60 (1000 x 750 x 320)	39.12 x 29.28 x 12.35 (994 x 744 x 314)	56 (25.40)	PSBP43A PSBP43S PSBP43N	PSFPH4030A PSFPH4030A-KIT PSID43	PSPF-4030
PSG4040A PSG4040/2A PSG4040ADFR PSG4040/2ADFR	39.37 x 39.37 x 12.60 (1000 x 1000 x 320)	39.12 x 39.12 x 12.35 (994 x 994 x 314)	69.6 (31.57)	PSBP44A PSBP44S PSBP44N	Not Available	Not Available
PSG4050/2A PSG4050/2ADFR	39.37 x 49.21 x 12.60 (1000 x 1250 x 320)	39.12 x 48.96 x 12.35 (994 x 1244 x 314)	83.5 (37.87)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available
PSG5030A PSG5030ADFR	49.21 x 29.53 x 12.60 (1250 x 750 x 320)	48.96 x 29.28 x 12.35 (1244 x 744 x 314)	69 (31.30)	PSBP53A PSBP53S PSBP53N	PSFPH5030A PSFPH5030A-KIT	PSPF-5030
PSG5040/2A PSG5040/2LA PSG5040/2ADFR PSG5040/2LADFR	49.21 x 39.37 x 12.60 (1250 x 1000 x 320)	48.96 x 39.12 x 12.35 (1244 x 994 x 314)	83.5 (37.87)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available



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Gasketed Window with
1 Extension Collar



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Gasketed Window with
2 Extension Collars

Polysafe

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum Non-metallic	19" Swing Frame Aluminum
PSG2020E1A PSG2020E1ADFR	19.69 x 19.69 x 25.20 (500 x 500 x 640)	19.44 x 19.44 x 24.70 (494 x 494 x 628)	50 (22.68)	PSBP22A PSBP22S PSBP22N	PSFPH2020A PSFPH2020A-KIT PSID22	Not Available
PSG2030E1A PSG2030E1ADFR	19.69 x 29.53 x 25.20 (500 x 750 x 640)	19.44 x 29.28 x 24.70 (494 x 744 x 628)	75 (34.02)	PSBP32A PSBP32S PSBP32N	PSID23	PSPF-2030
PSG3020E1A PSG3020E1ADFR	29.53 x 19.69 x 25.20 (750 x 500 x 640)	29.28 x 19.44 x 24.70 (744 x 494 x 628)	75 (34.02)	PSBP32A PSBP32S PSBP32N	PSFPH3020A PSFPH3020A-KIT PSID32	Not Available
PSG3030E1A PSG3030E1ADFR	29.53 x 29.53 x 25.20 (750 x 750 x 640)	29.28 x 29.28 x 24.70 (744 x 744 x 628)	87.6 (39.73)	PSBP33A PSBP33S PSBP33N	PSFPH3030A PSFPH3030A-KIT PSID33	PSPF-3030
PSG3040E1A PSG3040E1ADFR	29.53 x 39.37 x 25.20 (750 x 1000 x 640)	29.28 x 39.12 x 24.70 (744 x 994 x 628)	112 (50.80)	PSBP43A PSBP43S PSBP43N	Not Available	Not Available
PSG3050E1/2A PSG3050E1/2ADFR	29.53 x 49.21 x 25.20 (750 x 1250 x 640)	29.28 x 48.96 x 24.70 (744 x 1244 x 628)	138 (62.60)	PSBP53A PSBP53S PSBP53N	Not Available	Not Available
PSG4020E1A PSG4020E1ADFR	39.37 x 19.69 x 25.20 (1000 x 500 x 640)	39.12 x 19.44 x 24.70 (994 x 494 x 628)	87.6 (39.73)	PSBP42A PSBP42S PSBP42N	PSID42	Not Available
PSG4030E1A PSG4030E1ADFR	39.37 x 29.53 x 25.20 (1000 x 750 x 640)	39.12 x 29.28 x 24.70 (994 x 744 x 628)	112 (50.80)	PSBP43A PSBP43S PSBP43N	PSFPH4030A PSFPH4030A-KIT PSID43	PSPF-4030
PSG4040E1A PSG4040E1/2A PSG4040E1ADFR PSG4040E1/2ADFR	39.37 x 39.37 x 25.20 (1000 x 1000 x 640)	39.12 x 39.12 x 24.70 (994 x 994 x 628)	138 (62.60)	PSBP44A PSBP44S PSBP44N	Not Available	Not Available
PSG4050E1/2A PSG4050E1/2ADFR	39.37 x 49.21 x 25.20 (1000 x 1250 x 640)	39.12 x 48.96 x 24.70 (994 x 1244 x 628)	167 (75.75)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available
PSG5030E1A PSG5030E1ADFR	49.21 x 29.53 x 25.20 (1250 x 750 x 640)	48.96 x 29.28 x 24.70 (1244 x 744 x 628)	138 (62.60)	PSBP53A PSBP53S PSBP53N	PSFPH5030A PSFPH5030A-KIT	PSPF-5030
PSG5040E1/2A PSG5040E1/2LA PSG5040E1/2ADFR PSG5040E1/2LADFR	49.21 x 39.37 x 25.20 (1250 x 1000 x 640)	48.96 x 39.12 x 24.70 (1244 x 994 x 628)	167 (75.75)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Front Plate A: Aluminum Non-metallic	19" Swing Frame Aluminum
PSG2020E2A PSG2020E2ADFR	19.69 x 19.69 x 37.80 (500 x 500 x 960)	19.44 x 19.44 x 37.09 (494 x 494 x 942)	75 (34.02)	PSBP22A PSBP22S PSBP22N	PSFPH2020A PSFPH2020A-KIT PSID22	Not Available
PSG2030E2A PSG2030E2ADFR	19.69 x 29.53 x 37.80 (500 x 750 x 960)	19.44 x 29.28 x 37.09 (494 x 744 x 942)	112 (50.80)	PSBP32A PSBP32S PSBP32N	PSID23	PSPF-2030
PSG3020E2A PSG3020E2ADFR	29.53 x 19.69 x 37.80 (750 x 500 x 960)	29.28 x 19.44 x 37.09 (744 x 494 x 942)	112 (50.80)	PSBP32A PSBP32S PSBP32N	PSFPH3020A PSFPH3020A-KIT PSID32	Not Available
PSG3030E2A PSG030E2ADFR	29.53 x 29.53 x 37.80 (750 x 750 x 960)	29.28 x 29.28 x 37.09 (744 x 744 x 942)	131 (59.42)	PSBP33A PSBP33S PSBP33N	PSFPH3030A PSFPH3030A-KIT PSID33	PSPF-3030
PSG3040E2A PSG3040E2ADFR	29.53 x 39.37 x 37.80 (750 x 1000 x 960)	29.28 x 39.12 x 37.09 (744 x 994 x 942)	168 (76.20)	PSBP43A PSBP43S PSBP43N	Not Available	Not Available
PSG3050E2/2A PSG3050E2/2ADFR	29.53 x 49.21 x 37.80 (750 x 1250 x 960)	29.28 x 48.96 x 37.09 (744 x 1244 x 942)	207 (93.89)	PSBP53A PSBP53S PSBP53N	Not Available	Not Available
PSG4020E2A PSG4020E2ADFR	39.37 x 19.69 x 37.80 (1000 x 500 x 960)	39.12 x 19.44 x 37.09 (994 x 494 x 942)	131 (59.42)	PSBP42A PSBP42S PSBP42N	PSID42	Not Available
PSG4030E2A PSG4030E2ADFR	39.37 x 29.53 x 37.80 (1000 x 750 x 960)	39.12 x 29.28 x 37.09 (994 x 744 x 942)	168 (76.20)	PSBP43A PSBP43S PSBP43N	PSFPH4030A PSFPH4030A-KIT PSID43	PSPF-4030
PSG4040E2A PSG4040E2/2A PSG4040E2ADFR PSG4040E2/2ADFR	39.37 x 39.37 x 37.80 (1000 x 1000 x 960)	39.12 x 39.12 x 37.09 (994 x 994 x 942)	209 (94.80)	PSBP44A PSBP44S PSBP44N	Not Available	Not Available
PSG4050E2/2A PSG4050E2/2ADFR	39.37 x 49.21 x 37.80 (1000 x 1250 x 960)	39.12 x 48.96 x 37.09 (994 x 1244 x 942)	251 (113.85)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available
PSG5030E2A PSG5030E2ADFR	49.21 x 29.53 x 37.80 (1250 x 750 x 960)	48.96 x 29.28 x 37.09 (1244 x 744 x 942)	207 (93.89)	PSBP53A PSBP53S PSBP53N	PSFPH5030A PSFPH5030A-KIT	PSPF-5030
PSG5040E2/2A PSG5040E2/2LA PSG5040E2/2ADFR PSG5040E2/2LADFR	49.21 x 39.37 x 37.80 (1250 x 1000 x 960)	48.96 x 39.12 x 37.09 (1244 x 994 x 942)	251 (113.85)	PSBP54A PSBP54S PSBP54N	Not Available	Not Available



Multibox Series

configuration options and specifications

**** Suffix**
PC: Polycarbonate opaque cover enclosures with four non-metallic corner screws
PCCT: Polycarbonate transparent cover enclosures with four non-metallic corner screws
PCK: Polycarbonate opaque cover enclosures with four non-metallic corner screws and metric knockouts
PCCTK: Polycarbonate enclosures with four non-metallic corner screws and metric knockouts
PS: Polystyrene opaque cover enclosures with four non-metallic corner screws
PSCT: Polystyrene transparent cover enclosures with four non-metallic corner screws
PSK: Polystyrene opaque cover enclosures with four non-metallic corner screws and metric knockouts
PSCTK: Polystyrene transparent cover enclosures with four non-metallic corner screws and metric knockouts

- Features**
- Enclosures are maintenance free and corrosion resistant.
 - PC bases and covers are made from polycarbonate that can withstand continuous temperatures from -31°F to 176°F (-35°C to 80°C).
 - PCCT bases and covers are made from polycarbonate that can withstand continuous temperatures from -31°F to 176°F (-35°C to 80°C).
 - PS bases and covers are made from polystyrene that can withstand continuous temperatures from -13°F to +104°F (-25°C to +40°C).
 - PSCT bases are made from polystyrene and covers are made from polycarbonate that can withstand continuous temperatures from -13°F to 104°F (-25°C to 40°C).
 - Cover screw holes in corners are outside of the gasketed area.
 - Continuous gaskets made of polyurethane foam guarantee optimal integrity.
 - All enclosures can be easily modified to customer specifications.

Applications
The Multibox series enclosures are designed for use as electrical junction boxes or instrumentation enclosures in highly corrosive environments.

Standards
IEC 60529 (IP66) EN 60529 (IP66)
IEC 50102 (IK08) Polycarbonate EN 50102 (IK08) Polycarbonate
IEC 50102 (IK07) Polystyrene EN 50102 (IK07) Polystyrene

Approvals
UL Listed Types 4X & 12 (Polycarbonate)
NEMA 4X & 12 (Polystyrene)



Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Enclosure Material
MB252502PC MB252502PS	2.55 x 2.55 x 2.25 (65 x 65 x 57)	2.32 x 2.32 x 1.77 (59 x 59 x 45)	.11 (.05)	MBBP2525A MBBP2525S MBBP2525N	Polycarbonate Polystyrene
MB252503PC MB252503PS	2.55 x 2.55 x 3.18 (65 x 65 x 81)	2.32 x 2.32 x 2.72 (59 x 59 x 69)	.16 (.07)	MBBP2525A MBBP2525S MBBP2525N	Polycarbonate Polystyrene
MB042502PC MB042502PS	3.70 x 2.55 x 2.25 (94 x 65 x 57)	2.32 x 2.32 x 1.77 (88 x 59 x 45)	.16 (.07)	MBBP0425A MBBP0425S MBBP0425N	Polycarbonate Polystyrene
MB042503PC MB042503PS	3.70 x 2.55 x 3.18 (94 x 65 x 81)	3.46 x 2.32 x 2.72 (88 x 59 x 69)	.21 (.10)	MBBP0425A MBBP0425S MBBP0425N	Polycarbonate Polystyrene
MB040402PC MB040402PS	3.70 x 3.70 x 2.24 (94 x 94 x 57)	3.46 x 3.46 x 1.77 (88 x 88 x 45)	.23 (.10)	MBBP44A MBBP44S MBBP44N	Polycarbonate Polystyrene
MB040403PC MB040403PS	3.70 x 3.70 x 3.18 (94 x 94 x 81)	3.46 x 3.46 x 2.72 (88 x 88 x 69)	.28 (.13)	MBBP44A MBBP44S MBBP44N	Polycarbonate Polystyrene
MB040425PC MB040425PS	4.33 x 4.33 x 2.60 (110 x 110 x 66)	4.09 x 4.09 x 2.13 (104 x 104 x 54)	.32 (.15)	MBBP0404A MBBP0404S MBBP0404N	Polycarbonate Polystyrene
MB040435PC MB040435PS	4.33 x 4.33 x 3.54 (110 x 110 x 90)	4.09 x 4.09 x 3.07 (104 x 104 x 78)	.37 (.17)	MBBP0404A MBBP0404S MBBP0404N	Polycarbonate Polystyrene
MB050402PC MB050402PS	5.11 x 3.70 x 2.24 (130 x 94 x 57)	4.88 x 3.46 x 1.77 (124 x 88 x 45)	.32 (.15)	MBBP0504A MBBP0504S MBBP0504N	Polycarbonate Polystyrene
MB050403PC MB050403PS	5.11 x 3.70 x 3.19 (130 x 94 x 81)	4.88 x 3.46 x 2.72 (124 x 88 x 69)	.37 (.17)	MBBP0504A MBBP0504S MBBP0504N	Polycarbonate Polystyrene
MB050503PC MB050503PS	5.11 x 5.11 x 2.95 (130 x 130 x 75)	4.88 x 4.88 x 2.48 (124 x 124 x 63)	.44 (.20)	MBBP0505A MBBP0505S MBBP0505N	Polycarbonate Polystyrene
MB050504PC MB050504PS	5.11 x 5.11 x 3.90 (130 x 130 x 99)	4.88 x 4.88 x 3.43 (124 x 124 x 87)	.49 (.22)	MBBP0505A MBBP0505S MBBP0505N	Polycarbonate Polystyrene



Opaque Cover



Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Enclosure Material
MB070402PC MB070402PS	7.08 x 3.70 x 2.24 (180 x 94 x 57)	6.85 x 3.46 x 1.77 (174 x 88 x 45)	.45 (.20)	MBBP74A MBBP74S MBBP74S	Polycarbonate Polystyrene
MB070403PC MB070403PS	7.08 x 3.70 x 3.19 (180 x 94 x 81)	6.85 x 3.46 x 2.72 (174 x 88 x 69)	.50 (.23)	MBBP74A MBBP74S MBBP74N	Polycarbonate Polystyrene
MB070435PC MB070435PS	7.08 x 4.33 x 3.54 (180 x 110 x 90)	6.81 x 4.06 x 2.95 (173 x 103 x 75)	.52 (.24)	MBBP0704A MBBP0704S MBBP0704N	Polycarbonate Polystyrene
MB070404PC MB070404PS	7.08 x 4.33 x 4.37 (180 x 110 x 111)	6.81 x 4.06 x 3.82 (173 x 103 x 97)	.57 (.27)	MBBP0704A MBBP0704S MBBP0704N	Polycarbonate Polystyrene
MB070465PC MB070465PS	7.08 x 4.33 x 6.50 (180 x 110 x 165)	6.81 x 4.06 x 5.91 (173 x 103 x 150)	.67 (.30)	MBBP0704A MBBP0704S MBBP0704N	Polycarbonate Polystyrene
MB070735PC MB070735PS	7.08 x 7.17 x 3.54 (180 x 182 x 90)	6.85 x 6.93 x 2.95 (174 x 176 x 75)	.86 (.39)	MBBP0707A MBBP0707S MBBP0707N	Polycarbonate Polystyrene
MB070704PC MB070704PS	7.08 x 7.17 x 4.37 (180 x 182 x 111)	6.85 x 6.93 x 3.82 (174 x 176 x 97)	.91 (.41)	MBBP0707A MBBP0707S MBBP0707N	Polycarbonate Polystyrene
MB070765PC MB070765PS	7.08 x 7.17 x 6.46 (180 x 182 x 164)	6.85 x 6.93 x 5.94 (174 x 176 x 151)	1.01 (.46)	MBBP0707A MBBP0707S MBBP0707N	Polycarbonate Polystyrene
MB100735PC MB100735PS	10.00 x 7.09 x 3.54 (254 x 180 x 90)	9.76 x 6.85 x 2.95 (248 x 174 x 75)	1.21 (.55)	MBBP1007A MBBP1007S MBBP1007N	Polycarbonate Polystyrene
MB100704PC MB100704PS	10.00 x 7.09 x 4.37 (254 x 180 x 111)	9.76 x 6.85 x 3.82 (248 x 174 x 97)	1.26 (.57)	MBBP1007A MBBP1007S MBBP1007N	Polycarbonate Polystyrene
MB100765PC MB100765PS	10.00 x 7.09 x 6.50 (254 x 180 x 165)	9.76 x 6.85 x 5.94 (248 x 174 x 151)	1.36 (.62)	MBBP1007A MBBP1007S MBBP1007N	Polycarbonate Polystyrene
MB141004PC MB141004PS	14.21 x 10.00 x 4.37 (361 x 254 x 111)	13.98 x 9.76 x 3.82 (355 x 248 x 97)	2.42 (1.10)	MBBP1410A MBBP1410S MBBP1410N	Polycarbonate Polystyrene
MB141065PC MB141065PS	14.21 x 10.00 x 6.46 (361 x 254 x 164)	13.98 x 9.76 x 5.91 (355 x 248 x 150)	2.52 (1.14)	MBBP1410A MBBP1410S MBBP1410A	Polycarbonate Polystyrene

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Enclosure Material	Knockouts (Quantity) Size
MB252502PCK MB252502PSK	2.55 x 2.55 x 2.25 (65 x 65 x 57)	2.32 x 2.32 x 1.77 (59 x 59 x 45)	.11 (.05)	MBBP2525A MBBP2525S MBBP2525S	Polycarbonate Polystyrene	(4) M16/20
MB252503PCK MB252503PSK	2.55 x 2.55 x 3.18 (65 x 65 x 81)	2.32 x 2.32 x 2.72 (59 x 59 x 69)	.16 (.07)	MBBP2525A MBBP2525S MBBP2525N	Polycarbonate Polystyrene	(4) M16/20
MB042502PCK MB042502PSK	3.70 x 2.55 x 2.25 (94 x 65 x 57)	2.32 x 2.32 x 1.77 (88 x 59 x 45)	.16 (.07)	MBBP0425A MBBP0425S MBBP0425S	Polycarbonate Polystyrene	(6) M16/20
MB042503PCK MB042503PSK	3.70 x 2.55 x 3.18 (94 x 65 x 81)	3.46 x 2.32 x 2.72 (88 x 59 x 69)	.21 (.10)	MBBP0425A MBBP0425S MBBP0425N	Polycarbonate Polystyrene	(6) M16/20
MB040402PCK MB040402PSK	3.70 x 3.70 x 2.24 (94 x 94 x 57)	3.46 x 3.46 x 1.77 (88 x 88 x 45)	.23 (.10)	MBBP44A MBBP44S MBBP44N	Polycarbonate Polystyrene	(6) M16/20
MB040403PCK MB040403PSK	3.70 x 3.70 x 3.18 (94 x 94 x 81)	3.46 x 3.46 x 2.72 (88 x 88 x 69)	.28 (.13)	MBBP44A MBBP44S MBBP44N	Polycarbonate Polystyrene	(8) M16/20
MB040425PCK MB040425PSK	4.33 x 4.33 x 2.60 (110 x 110 x 66)	4.09 x 4.09 x 2.13 (104 x 104 x 54)	.32 (.15)	MBBP0404A MBBP0404S MBBP0404N	Polycarbonate Polystyrene	(6) M20/25
MB040435PCK MB040435PSK	4.33 x 4.33 x 3.54 (110 x 110 x 90)	4.09 x 4.09 x 3.07 (104 x 104 x 78)	.37 (.17)	MBBP0404A MBBP0404S MBBP0404N	Polycarbonate Polystyrene	(6) M20/25
MB050402PCK MB050402PSK	5.11 x 3.70 x 2.24 (130 x 94 x 57)	4.88 x 3.46 x 1.77 (124 x 88 x 45)	.32 (.15)	MBBP0504A MBBP0504S MBBP0504N	Polycarbonate Polystyrene	(10) M16/20
MB050403PCK MB050403PSK	5.11 x 3.70 x 3.19 (130 x 94 x 81)	4.88 x 3.46 x 2.72 (124 x 88 x 69)	.37 (.17)	MBBP0504A MBBP0504S MBBP0504N	Polycarbonate Polystyrene	(10) M16/20
MB050503PCK MB050503PSK	5.11 x 5.11 x 2.95 (130 x 130 x 75)	4.88 x 4.88 x 2.48 (124 x 124 x 63)	.44 (.20)	MBBP0505A MBBP0505S MBBP0505N	Polycarbonate Polystyrene	(12) M20/25/32
MB050504PCK MB050504PSK	5.11 x 5.11 x 3.90 (130 x 130 x 99)	4.88 x 4.88 x 3.43 (124 x 124 x 87)	.49 (.22)	MBBP0505A MBBP0505S MBBP0505N	Polycarbonate Polystyrene	(12) M20/25/32



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Opaque Cover with
Metric Knockouts



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Transparent Cover

Multibox

Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Enclosure Material	Knockouts
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic		(Quantity) Size
MB070402PCK MB070402PSK	7.08 x 3.70 x 2.24 (180 x 94 x 57)	6.85 x 3.46 x 1.77 (174 x 88 x 45)	.45 (.20)	MBBP74A MBBP74S MBBP74S	Polycarbonate Polystyrene	(14) M16/20
MB070403PCK MB070403PSK	7.08 x 3.70 x 3.19 (180 x 94 x 81)	6.85 x 3.46 x 2.72 (174 x 88 x 69)	.50 (.23)	MBBP74A MBBP74S MBBP74N	Polycarbonate Polystyrene	(14) M16/20
MB070435PCK MB070435PSK	7.08 x 4.33 x 3.54 (180 x 110 x 90)	6.81 x 4.06 x 2.95 (173 x 103 x 75)	.52 (.24)	MBBP0704A MBBP0704S MBBP0704N	Polycarbonate Polystyrene	(20) M20/25/32/40
MB070404PCK MB070404PSK	7.08 x 4.33 x 4.37 (180 x 110 x 111)	6.81 x 4.06 x 3.82 (173 x 103 x 97)	.57 (.27)	MBBP0704A MBBP0704S MBBP0704N	Polycarbonate Polystyrene	(20) M20/25/32/40
MB070465PCK MB070465PSK	7.08 x 4.33 x 6.50 (180 x 110 x 165)	6.81 x 4.06 x 5.91 (173 x 103 x 150)	.67 (.30)	MBBP0704A MBBP0704S MBBP0704N	Polycarbonate Polystyrene	(20) M20/25/32/40
MB070735PCK MB070735PSK	7.08 x 7.17 x 3.54 (180 x 182 x 90)	6.85 x 6.93 x 2.95 (174 x 176 x 75)	.86 (.39)	MBBP0707A MBBP0707S MBBP0707N	Polycarbonate Polystyrene	(28) M20/25/32/40
MB070704PCK MB070704PSK	7.08 x 7.17 x 4.37 (180 x 182 x 111)	6.85 x 6.93 x 3.82 (174 x 176 x 97)	.91 (.41)	MBBP0707A MBBP0707S MBBP0707N	Polycarbonate Polystyrene	(28) M20/25/32/40
MB070765PCK MB070765PSK	7.08 x 7.17 x 6.46 (180 x 182 x 164)	6.85 x 6.93 x 5.94 (174 x 176 x 151)	1.01 (.46)	MBBP0707A MBBP0707S MBBP0707N	Polycarbonate Polystyrene	(28) M20/25/32/40
MB100735PCK MB100735PSK	10.00 x 7.09 x 3.54 (254 x 180 x 90)	9.76 x 6.85 x 2.95 (248 x 174 x 75)	1.21 (.55)	MBBP1007A MBBP1007S MBBP1007N	Polycarbonate Polystyrene	(32) M20/25/32/40
MB100704PCK MB100704PSK	10.00 x 7.09 x 4.37 (254 x 180 x 111)	9.76 x 6.85 x 3.82 (248 x 174 x 97)	1.26 (.57)	MBBP1007A MBBP1007S MBBP1007N	Polycarbonate Polystyrene	(32) M20/25/32/40
MB100765PCK MB100765PSK	10.00 x 7.09 x 6.50 (254 x 180 x 165)	9.76 x 6.85 x 5.94 (248 x 174 x 151)	1.36 (.62)	MBBP1007A MBBP1007S MBBP1007N	Polycarbonate Polystyrene	(32) M20/25/32/40
MB141004PCK MB141004PSK	14.21 x 10.00 x 4.37 (361 x 254 x 111)	13.98 x 9.76 x 3.82 (355 x 248 x 97)	2.42 (1.10)	MBBP1410A MBBP1410S MBBP1410N	Polycarbonate Polystyrene	(42) M20/25/32/40
MB141065PCK MB141065PSK	14.21 x 10.00 x 6.46 (361 x 254 x 164)	13.98 x 9.76 x 5.91 (355 x 248 x 150)	2.52 (1.14)	MBBP1410A MBBP1410S MBBP1410A	Polycarbonate Polystyrene	(42) M20/25/32/40

Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Enclosure Material
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	A: Aluminum S: Steel N: Non-Metallic	
MB252502PCCT MB252502PSCT	2.55 x 2.55 x 2.25 (65 x 65 x 57)	2.32 x 2.32 x 1.77 (59 x 59 x 45)	.11 (.05)	MBBP2525A MBBP2525S MBBP2525S	Polycarbonate Polystyrene
MB252503PCCT MB252503PSCT	2.55 x 2.55 x 3.18 (65 x 65 x 81)	2.32 x 2.32 x 2.72 (59 x 59 x 69)	.16 (.07)	MBBP2525A MBBP2525S MBBP2525N	Polycarbonate Polystyrene
MB042502PCCT MB042502PSCT	3.70 x 2.55 x 2.25 (94 x 65 x 57)	2.32 x 2.32 x 1.77 (88 x 59 x 45)	.16 (.07)	MBBP0425A MBBP0425S MBBP0425S	Polycarbonate Polystyrene
MB042503PCCT MB042503PSCT	3.70 x 2.55 x 3.18 (94 x 65 x 81)	3.46 x 2.32 x 2.72 (88 x 59 x 69)	.21 (.10)	MBBP0425A MBBP0425S MBBP0425N	Polycarbonate Polystyrene
MB040402PCCT MB040402PSCT	3.70 x 3.70 x 2.24 (94 x 94 x 57)	3.46 x 3.46 x 1.77 (88 x 88 x 45)	.23 (.10)	MBBP44A MBBP44S MBBP44N	Polycarbonate Polystyrene
MB040403PCCT MB040403PSCT	3.70 x 3.70 x 3.18 (94 x 94 x 81)	3.46 x 3.46 x 2.72 (88 x 88 x 69)	.28 (.13)	MBBP44A MBBP44S MBBP44N	Polycarbonate Polystyrene
MB040425PCCT MB040425PSCT	4.33 x 4.33 x 2.60 (110 x 110 x 66)	4.09 x 4.09 x 2.13 (104 x 104 x 54)	.32 (.15)	MBBP0404A MBBP0404S MBBP0404N	Polycarbonate Polystyrene
MB040435PCCT MB040435PSCT	4.33 x 4.33 x 3.54 (110 x 110 x 90)	4.09 x 4.09 x 3.07 (104 x 104 x 78)	.37 (.17)	MBBP0404A MBBP0404S MBBP0404N	Polycarbonate Polystyrene
MB050402PCCT MB050402PSCT	5.11 x 3.70 x 2.24 (130 x 94 x 57)	4.88 x 3.46 x 1.77 (124 x 88 x 45)	.32 (.15)	MBBP0504A MBBP0504S MBBP0504N	Polycarbonate Polystyrene
MB050403PCCT MB050403PSCT	5.11 x 3.70 x 3.19 (130 x 94 x 81)	4.88 x 3.46 x 2.72 (124 x 88 x 69)	.37 (.17)	MBBP0504A MBBP0504S MBBP0504N	Polycarbonate Polystyrene
MB050503PCCT MB050503PSCT	5.11 x 5.11 x 2.95 (130 x 130 x 75)	4.88 x 4.88 x 2.48 (124 x 124 x 63)	.44 (.20)	MBBP0505A MBBP0505S MBBP0505N	Polycarbonate Polystyrene
MB050504PCCT MB050504PSCT	5.11 x 5.11 x 3.90 (130 x 130 x 99)	4.88 x 4.88 x 3.43 (124 x 124 x 87)	.49 (.22)	MBBP0505A MBBP0505S MBBP0505N	Polycarbonate Polystyrene



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Transparent Cover with
Metric Knockouts

Multibox

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Enclosure Material
MB070402PCCT MB070402PSCT	7.08 x 3.70 x 2.24 (180 x 94 x 57)	6.85 x 3.46 x 1.77 (174 x 88 x 45)	.45 (.20)	MBBP74A MBBP74S MBBP74S	Polycarbonate Polystyrene
MB070403PCCT MB070403PSCT	7.08 x 3.70 x 3.19 (180 x 94 x 81)	6.85 x 3.46 x 2.72 (174 x 88 x 69)	.50 (.23)	MBBP74A MBBP74S MBBP74N	Polycarbonate Polystyrene
MB070435PCCT MB070435PSCT	7.08 x 4.33 x 3.54 (180 x 110 x 90)	6.81 x 4.06 x 2.95 (173 x 103 x 75)	.52 (.24)	MBBP0704A MBBP0704S MBBP0704N	Polycarbonate Polystyrene
MB070404PCCT MB070404PSCT	7.08 x 4.33 x 4.37 (180 x 110 x 111)	6.81 x 4.06 x 3.82 (173 x 103 x 97)	.57 (.27)	MBBP0704A MBBP0704S MBBP0704N	Polycarbonate Polystyrene
MB070465PCCT MB070465PSCT	7.08 x 4.33 x 6.50 (180 x 110 x 165)	6.81 x 4.06 x 5.91 (173 x 103 x 150)	.67 (.30)	MBBP0704A MBBP0704S MBBP0704N	Polycarbonate Polystyrene
MB070735PCCT MB070735PSCT	7.08 x 7.17 x 3.54 (180 x 182 x 90)	6.85 x 6.93 x 2.95 (174 x 176 x 75)	.86 (.39)	MBBP0707A MBBP0707S MBBP0707N	Polycarbonate Polystyrene
MB070704PCCT MB070704PSCT	7.08 x 7.17 x 4.37 (180 x 182 x 111)	6.85 x 6.93 x 3.82 (174 x 176 x 97)	.91 (.41)	MBBP0707A MBBP0707S MBBP0707N	Polycarbonate Polystyrene
MB070765PCCT MB070765PSCT	7.08 x 7.17 x 6.46 (180 x 182 x 164)	6.85 x 6.93 x 5.94 (174 x 176 x 151)	1.01 (.46)	MBBP0707A MBBP0707S MBBP0707N	Polycarbonate Polystyrene
MB100735PCCT MB100735PSCT	10.00 x 7.09 x 3.54 (254 x 180 x 90)	9.76 x 6.85 x 2.95 (248 x 174 x 75)	1.21 (.55)	MBBP1007A MBBP1007S MBBP1007N	Polycarbonate Polystyrene
MB100704PCCT MB100704PSCT	10.00 x 7.09 x 4.37 (254 x 180 x 111)	9.76 x 6.85 x 3.82 (248 x 174 x 97)	1.26 (.57)	MBBP1007A MBBP1007S MBBP1007N	Polycarbonate Polystyrene
MB100765PCCT MB100765PSCT	10.00 x 7.09 x 6.50 (254 x 180 x 165)	9.76 x 6.85 x 5.94 (248 x 174 x 151)	1.36 (.62)	MBBP1007A MBBP1007S MBBP1007N	Polycarbonate Polystyrene
MB141004PCCT MB141004PSCT	14.21 x 10.00 x 4.37 (361 x 254 x 111)	13.98 x 9.76 x 3.82 (355 x 248 x 97)	2.42 (1.10)	MBBP1410A MBBP1410S MBBP1410N	Polycarbonate Polystyrene
MB141065PCCT MB141065PSCT	14.21 x 10.00 x 6.46 (361 x 254 x 164)	13.98 x 9.76 x 5.91 (355 x 248 x 150)	2.52 (1.14)	MBBP1410A MBBP1410S MBBP1410A	Polycarbonate Polystyrene

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Enclosure Material	Knockouts (Quantity) Size
MB252502PCCTK MB252502PSCTK	2.55 x 2.55 x 2.25 (65 x 65 x 57)	2.32 x 2.32 x 1.77 (59 x 59 x 45)	.11 (.05)	MBBP2525A MBBP2525S MBBP2525S	Polycarbonate Polystyrene	(4) M16/20
MB252503PCCTK MB252503PSCTK	2.55 x 2.55 x 3.18 (65 x 65 x 81)	2.32 x 2.32 x 2.72 (59 x 59 x 69)	.16 (.07)	MBBP2525A MBBP2525S MBBP2525N	Polycarbonate Polystyrene	(4) M16/20
MB042502PCCTK MB042502PSCTK	3.70 x 2.55 x 2.25 (94 x 65 x 57)	2.32 x 2.32 x 1.77 (88 x 59 x 45)	.16 (.07)	MBBP0425A MBBP0425S MBBP0425S	Polycarbonate Polystyrene	(6) M16/20
MB042503PCCTK MB042503PSCTK	3.70 x 2.55 x 3.18 (94 x 65 x 81)	3.46 x 2.32 x 2.72 (88 x 59 x 69)	.21 (.10)	MBBP0425A MBBP0425S MBBP0425N	Polycarbonate Polystyrene	(6) M16/20
MB040402PCCTK MB040402PSCTK	3.70 x 3.70 x 2.24 (94 x 94 x 57)	3.46 x 3.46 x 1.77 (88 x 88 x 45)	.23 (.10)	MBBP44A MBBP44S MBBP44N	Polycarbonate Polystyrene	(6) M16/20
MB040403PCCTK MB040403PSCTK	3.70 x 3.70 x 3.18 (94 x 94 x 81)	3.46 x 3.46 x 2.72 (88 x 88 x 69)	.28 (.13)	MBBP44A MBBP44S MBBP44N	Polycarbonate Polystyrene	(8) M16/20
MB040425PCCTK MB040425PSCTK	4.33 x 4.33 x 2.60 (110 x 110 x 66)	4.09 x 4.09 x 2.13 (104 x 104 x 54)	.32 (.15)	MBBP0404A MBBP0404S MBBP0404N	Polycarbonate Polystyrene	(6) M20/25
MB040435PCCTK MB040435PSCTK	4.33 x 4.33 x 3.54 (110 x 110 x 90)	4.09 x 4.09 x 3.07 (104 x 104 x 78)	.37 (.17)	MBBP0404A MBBP0404S MBBP0404N	Polycarbonate Polystyrene	(6) M20/25
MB050402PCCTK MB050402PSCTK	5.11 x 3.70 x 2.24 (130 x 94 x 57)	4.88 x 3.46 x 1.77 (124 x 88 x 45)	.32 (.15)	MBBP0504A MBBP0504S MBBP0504N	Polycarbonate Polystyrene	(10) M16/20
MB050403PCCTK MB050403PSCTK	5.11 x 3.70 x 3.19 (130 x 94 x 81)	4.88 x 3.46 x 2.72 (124 x 88 x 69)	.37 (.17)	MBBP0504A MBBP0504S MBBP0504N	Polycarbonate Polystyrene	(10) M16/20
MB050503PCCTK MB050503PSCTK	5.11 x 5.11 x 2.95 (130 x 130 x 75)	4.88 x 4.88 x 2.48 (124 x 124 x 63)	.44 (.20)	MBBP0505A MBBP0505S MBBP0505N	Polycarbonate Polystyrene	(12) M20/25/32
MB050504PCCTK MB050504PSCTK	5.11 x 5.11 x 3.90 (130 x 130 x 99)	4.88 x 4.88 x 3.43 (124 x 124 x 87)	.49 (.22)	MBBP0505A MBBP0505S MBBP0505N	Polycarbonate Polystyrene	(12) M20/25/32



Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Enclosure Material	Knockouts (Quantity) Size
MB070402PCCTK MB070402PSCTK	7.08 x 3.70 x 2.24 (180 x 94 x 57)	6.85 x 3.46 x 1.77 (174 x 88 x 45)	.45 (.20)	MBBP74A MBBP74S MBBP74N	Polycarbonate Polystyrene	(14) M16/20
MB070403PCCTK MB070403PSCTK	7.08 x 3.70 x 3.19 (180 x 94 x 81)	6.85 x 3.46 x 2.72 (174 x 88 x 69)	.50 (.23)	MBBP74A MBBP74S MBBP74N	Polycarbonate Polystyrene	(14) M16/20
MB070435PCCTK MB070435PSCTK	7.08 x 4.33 x 3.54 (180 x 110 x 90)	6.81 x 4.06 x 2.95 (173 x 103 x 75)	.52 (.24)	MBBP0704A MBBP0704S MBBP0704N	Polycarbonate Polystyrene	(20) M20/25/32/40
MB070404PCCTK MB070404PSCTK	7.08 x 4.33 x 4.37 (180 x 110 x 111)	6.81 x 4.06 x 3.82 (173 x 103 x 97)	.57 (.27)	MBBP0704A MBBP0704S MBBP0704N	Polycarbonate Polystyrene	(20) M20/25/32/40
MB070465PCCTK MB070465PSCTK	7.08 x 4.33 x 6.50 (180 x 110 x 165)	6.81 x 4.06 x 5.91 (173 x 103 x 150)	.67 (.30)	MBBP0704A MBBP0704S MBBP0704N	Polycarbonate Polystyrene	(20) M20/25/32/40
MB070735PCCTK MB070735PSCTK	7.08 x 7.17 x 3.54 (180 x 182 x 90)	6.85 x 6.93 x 2.95 (174 x 176 x 75)	.86 (.39)	MBBP0707A MBBP0707S MBBP0707N	Polycarbonate Polystyrene	(28) M20/25/32/40
MB070704PCCTK MB070704PSCTK	7.08 x 7.17 x 4.37 (180 x 182 x 111)	6.85 x 6.93 x 3.82 (174 x 176 x 97)	.91 (.41)	MBBP0707A MBBP0707S MBBP0707N	Polycarbonate Polystyrene	(28) M20/25/32/40
MB070765PCCTK MB070765PSCTK	7.08 x 7.17 x 6.46 (180 x 182 x 164)	6.85 x 6.93 x 5.94 (174 x 176 x 151)	1.01 (.46)	MBBP0707A MBBP0707S MBBP0707N	Polycarbonate Polystyrene	(28) M20/25/32/40
MB100735PCCTK MB100735PSCTK	10.00 x 7.09 x 3.54 (254 x 180 x 90)	9.76 x 6.85 x 2.95 (248 x 174 x 75)	1.21 (.55)	MBBP1007A MBBP1007S MBBP1007N	Polycarbonate Polystyrene	(32) M20/25/32/40
MB100704PCCTK MB100704PSCTK	10.00 x 7.09 x 4.37 (254 x 180 x 111)	9.76 x 6.85 x 3.82 (248 x 174 x 97)	1.26 (.57)	MBBP1007A MBBP1007S MBBP1007N	Polycarbonate Polystyrene	(32) M20/25/32/40
MB100765PCCTK MB100765PSCTK	10.00 x 7.09 x 6.50 (254 x 180 x 165)	9.76 x 6.85 x 5.94 (248 x 174 x 151)	1.36 (.62)	MBBP1007A MBBP1007S MBBP1007N	Polycarbonate Polystyrene	(32) M20/25/32/40
MB141004PCCTK MB141004PSCTK	14.21 x 10.00 x 4.37 (361 x 254 x 111)	13.98 x 9.76 x 3.82 (355 x 248 x 97)	2.42 (1.10)	MBBP1410A MBBP1410S MBBP1410N	Polycarbonate Polystyrene	(42) M20/25/32/40
MB141065PCCTK MB141065PSCTK	14.21 x 10.00 x 6.46 (361 x 254 x 164)	13.98 x 9.76 x 5.91 (355 x 248 x 150)	2.52 (1.14)	MBBP1410A MBBP1410S MBBP1410A	Polycarbonate Polystyrene	(42) M20/25/32/40

MultiboxG Series
configuration options and specifications

**** Suffix**
PC: Polycarbonate opaque cover enclosures with four stainless steel corner screws
PCCT: Polycarbonate transparent cover enclosures with four stainless steel corner screws
PCQ: Polycarbonate opaque cover enclosures with four stainless steel quick release quarter turn corner screws
PCCTQ: Polycarbonate transparent cover enclosures with four stainless steel quick release quarter turn corner screws
ABS: ABS plastic opaque cover enclosures with four stainless steel corner screws
ABSCT: ABS plastic transparent cover enclosures with four stainless steel corner screws
ABSQ: ABS plastic opaque cover enclosures with four stainless steel quick release quarter turn corner screws
ABSCTQ: ABS plastic transparent cover enclosures with four stainless steel quick release quarter turn corner screws

- Features**
- Enclosures are maintenance free and corrosion resistant.
 - PC bases and covers are made from polycarbonate that can withstand continuous temperatures from -31°F to 176°F (-35°C to 80°C).
 - PCCT bases and covers are made from polycarbonate that can withstand continuous temperatures from -31°F to 176°F (-35°C to 80°C).
 - ABS bases and covers are made from polystyrene that can withstand continuous temperatures from -13°F to 104°F (-25°C to 40°C).
 - ABSCT bases are made from polystyrene and covers are made from polycarbonate that can withstand continuous temperatures from -13°F to 104°F (-25°C to 40°C).
 - Cover screw holes in corners are outside of the gasketed area.
 - Continuous gaskets made of polyurethane foam guarantee optimal integrity.
 - All enclosures can be easily modified to customer specifications.

Applications
The MultiboxG series enclosures are designed for use as electrical junction boxes or instrumentation enclosures in highly corrosive environments.

Standards
IEC 60529 (IP67) EN 60529 (IP67)
IEC 50102 (IK08) Polycarbonate EN 50102 (IK08) Polycarbonate
IEC 50102 (IK07) ABS EN 50102 (IK07) ABS

Approvals
UL Listed Types 4X & 12 (Polycarbonate)
NEMA 4X & 12 (ABS)





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Opaque Cover



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Opaque Cover

Multibox G

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Enclosure Material
MBG030302PC MBG030302PCQ MBG030302ABS MBG030302ABSQ	3.31 x 3.23 x 2.17 (84 x 82 x 55)	3.05 x 2.97 x 1.84 (77 x 75 x 47)	.15 (.07)	MBGMP33A MBGMP33S MBGMP33N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG030303PC MBG030303PCQ MBG030303ABS MBG030303ABSQ	3.31 x 3.23 x 3.35 (84 x 82 x 85)	3.05 x 2.97 x 3.02 (77 x 75 x 77)	.20 (.09)	MBGMP33A MBGMP33S MBGMP33N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG050302PC MBG050302PCQ MBG050302ABS MBG050302ABSQ	4.80 x 3.23 x 2.17 (122 x 82 x 55)	4.54 x 2.97 x 1.84 (115 x 75 x 47)	.26 (.12)	MBGMP53A MBGMP53S MBGMP53N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG050303PC MBG050303PCQ MBG050303ABS MBG050303ABSQ	4.80 x 3.23 x 3.35 (122 x 82 x 85)	4.54 x 2.97 x 3.02 (115 x 75 x 77)	.31 (.14)	MBGMP53A MBGMP53S MBGMP53N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG050502PC MBG050502PCQ MBG050502ABS MBG050502ABSQ	4.88 x 4.80 x 2.17 (124 x 122 x 55)	4.62 x 4.54 x 1.84 (117 x 115 x 47)	.43 (.20)	MBGMP55A MBGMP55S MBGMP55N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG050503PC MBG050503PCQ MBG050503ABS MBG050503ABSQ	4.88 x 4.80 x 3.35 (124 x 122 x 85)	4.62 x 4.54 x 3.02 (117 x 115 x 77)	.48 (.22)	MBGMP55A MBGMP55S MBGMP55N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG060302PC MBG060302PCQ MBG060302ABS MBG060302ABSQ	6.38 x 3.23 x 2.17 (162 x 82 x 55)	6.12 x 2.97 x 1.84 (155 x 75 x 47)	.31 (.14)	MBGMP63A MBGMP63S MBGMP63N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG060303PC MBG060303PCQ MBG060303ABS MBG060303ABSQ	6.38 x 3.23 x 3.35 (162 x 82 x 85)	6.12 x 2.97 x 3.02 (155 x 75 x 77)	.36 (.16)	MBGMP63A MBGMP63S MBGMP63N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Enclosure Material
MBG060535PC MBG060535PCQ MBG060535ABS MBG060535ABSQ	6.38 x 4.80 x 3.54 (162 x 122 x 90)	6.10 x 4.53 x 3.22 (155 x 115 x 82)	.51 (.23)	MBGMP65A MBGMP65S MBGMP65N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG080503PC MBG080503PCQ MBG080503ABS MBG080503ABSQ	7.95 x 4.80 x 2.95 (202 x 122 x 75)	7.73 x 4.54 x 2.63 (195 x 115 x 67)	.68 (.31)	MBGMP85A MBGMP85S MBGMP85N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG080535PC MBG080535PCQ MBG080535ABS MBG080535ABSQ	7.95 x 4.80 x 3.54 (202 x 122 x 90)	7.73 x 4.54 x 3.22 (195 x 115 x 82)	.73 (.33)	MBGMP85A MBGMP85S MBGMP85N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG080603PC MBG080603PCQ MBG080603ABS MBG080603ABSQ	7.95 x 5.98 x 2.95 (202 x 152 x 75)	7.68 x 5.71 x 2.63 (195 x 145 x 67)	.82 (.37)	MBGMP86A MBGMP86S MBGMP86N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG100635PC MBG100635PCQ MBG100635ABS MBG100635ABSQ	9.92 x 6.38 x 3.54 (252 x 162 x 90)	9.65 x 6.10 x 3.22 (245 x 155 x 82)	1.02 (.46)	MBGMP1006A MBGMP1006S MBGMP1006N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG100605PC MBG100605PCQ MBG100605ABS MBG100605ABSQ	9.92 x 6.38 x 4.72 (252 x 162 x 120)	9.65 x 6.08 x 4.40 (245 x 154 x 112)	1.07 (.49)	MBGMP1006A MBGMP1006S MBGMP1006N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG120935PC MBG120935PCQ MBG120935ABS MBG120935ABSQ	11.89 x 9.13 x 3.54 (302 x 232 x 90)	11.61 x 8.86 x 3.22 (295 x 225 x 82)	1.84 (.83)	MBGMP1209A MBGMP1209S MBGMP1209N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG120904PC MBG120904PCQ MBG120904ABS MBG120904ABSQ	11.89 x 9.13 x 4.33 (302 x 232 x 110)	11.61 x 8.86 x 4.00 (295 x 225 x 102)	1.89 (.86)	MBGMP1209A MBGMP1209S MBGMP1209N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic



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Transparent Cover



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ENCLOSURE SYSTEMS INC.

Transparent Cover

Multibox G

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Enclosure Material
MBG030302PCCT MBG030302PCCTQ MBG030302ABSCT MBG030302ABSCTQ	3.31 x 3.23 x 2.17 (84 x 82 x 55)	3.05 x 2.97 x 1.84 (77 x 75 x 47)	.15 (.07)	MBGMP33A MBGMP33S MBGMP33N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG030303PCCT MBG030303PCCTQ MBG030303ABSCT MBG030303ABSCTQ	3.31 x 3.23 x 3.35 (84 x 82 x 85)	3.05 x 2.97 x 3.02 (77 x 75 x 77)	.20 (.09)	MBGMP33A MBGMP33S MBGMP33N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG050302PCCT MBG050302PCCTQ MBG050302ABSCT MBG050302ABSCTQ	4.80 x 3.23 x 2.17 (122 x 82 x 55)	4.54 x 2.97 x 1.84 (115 x 75 x 47)	.26 (.12)	MBGMP53A MBGMP53S MBGMP53N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG050303PCCT MBG050303PCCTQ MBG050303ABSCT MBG050303ABSCTQ	4.80 x 3.23 x 3.35 (122 x 82 x 85)	4.54 x 2.97 x 3.02 (115 x 75 x 77)	.31 (.14)	MBGMP53A MBGMP53S MBGMP53N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG050502PCCT MBG050502PCCTQ MBG050502ABSCT MBG050502ABSCTQ	4.88 x 4.80 x 2.17 (124 x 122 x 55)	4.62 x 4.54 x 1.84 (117 x 115 x 47)	.43 (.20)	MBGMP55A MBGMP55S MBGMP55N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG050503PCCT MBG050503PCCTQ MBG050503ABSCT MBG050503ABSCTQ	4.88 x 4.80 x 3.35 (124 x 122 x 85)	4.62 x 4.54 x 3.02 (117 x 115 x 77)	.48 (.22)	MBGMP55A MBGMP55S MBGMP55N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG060302PCCT MBG060302PCCTQ MBG060302ABSCT MBG060302ABSCTQ	6.38 x 3.23 x 2.17 (162 x 82 x 55)	6.12 x 2.97 x 1.84 (155 x 75 x 47)	.31 (.14)	MBGMP63A MBGMP63S MBGMP63N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG060303PCCT MBG060303PCCTQ MBG060303ABSCT MBG060303ABSCTQ	6.38 x 3.23 x 3.35 (162 x 82 x 85)	6.12 x 2.97 x 3.02 (155 x 75 x 77)	.36 (.16)	MBGMP63A MBGMP63S MBGMP63N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight lbs (kg)	Back Plate A: Aluminum S: Steel N: Non-Metallic	Enclosure Material
MBG060535PCCT MBG060535PCCTQ MBG060535ABSCT MBG060535ABSCTQ	6.38 x 4.80 x 3.54 (162 x 122 x 90)	6.10 x 4.53 x 3.22 (155 x 115 x 82)	.51 (.23)	MBGMP65A MBGMP65S MBGMP65N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG080503PCCT MBG080503PCCTQ MBG080503ABSCT MBG080503ABSCTQ	7.95 x 4.80 x 2.95 (202 x 122 x 75)	7.73 x 4.54 x 2.63 (195 x 115 x 67)	.68 (.31)	MBGMP85A MBGMP85S MBGMP85N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG080535PCCT MBG080535PCCTQ MBG080535ABSCT MBG080535ABSCTQ	7.95 x 4.80 x 3.54 (202 x 122 x 90)	7.73 x 4.54 x 3.22 (195 x 115 x 82)	.73 (.33)	MBGMP85A MBGMP85S MBGMP85N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG080603PCCT MBG080603PCCTQ MBG080603ABSCT MBG080603ABSCTQ	7.95 x 5.98 x 2.95 (202 x 152 x 75)	7.68 x 5.71 x 2.63 (195 x 145 x 67)	.82 (.37)	MBGMP86A MBGMP86S MBGMP86N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG100635PCCT MBG100635PCCTQ MBG100635ABSCT MBG100635ABSCTQ	9.92 x 6.38 x 3.54 (252 x 162 x 90)	9.65 x 6.10 x 3.22 (245 x 155 x 82)	1.02 (.46)	MBGMP1006A MBGMP1006S MBGMP1006N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG100605PCCT MBG100605PCCTQ MBG100605ABSCT MBG100605ABSCTQ	9.92 x 6.38 x 4.72 (252 x 162 x 120)	9.65 x 6.08 x 4.40 (245 x 154 x 112)	1.07 (.49)	MBGMP1006A MBGMP1006S MBGMP1006N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG120935PCCT MBG120935PCCTQ MBG120935ABSCT MBG120935ABSCTQ	11.89 x 9.13 x 3.54 (302 x 232 x 90)	11.61 x 8.86 x 3.22 (295 x 225 x 82)	1.84 (.83)	MBGMP1209A MBGMP1209S MBGMP1209N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic
MBG120904PCCT MBG120904PCCTQ MBG120904ABSCT MBG120904ABSCTQ	11.89 x 9.13 x 4.33 (302 x 232 x 110)	11.61 x 8.86 x 4.00 (295 x 225 x 102)	1.89 (.86)	MBGMP1209A MBGMP1209S MBGMP1209N	Polycarbonate Polycarbonate ABS Plastic ABS Plastic



VM Series

configuration options and specifications

**** Suffix**
No Suffix: Opaque cover with four non-metallic corner screws
CT: Transparent cover with four non-metallic corner screws
K: Opaque cover with four non-metallic corner screws and knockouts in the base
CTK: Transparent cover with four non-metallic corner screws and knockouts in the base
PBS: 30.5 mm NEMA sized push-button holes and four non-metallic corner screws
PBM: 22.5 mm IEC sized push-button holes and four non-metallic corner screws
CT, K and CTK not available in 433, 733 and 933 enclosures

- Features**
- Enclosures are maintenance free and corrosion resistant.
 - Bases and opaque covers are made from Valox® 357U that can withstand continuous temperatures up to 280°F (138°C).
 - Transparent covers are made from polycarbonate that can withstand continuous temperatures from -13°F to +104°F (-25°C to +40°C).
 - Knockouts in the base facilitate conduit entry
 - Cover screw holes in corners are outside of the gasketed area.
 - Continuous gaskets made of polyurethane foam guarantee optimal integrity.
 - All enclosures can be easily modified to customer specifications.

Applications
The VM Series enclosure is designed for use as insulated electrical junction boxes, terminal wiring boxes, instrument housings, electrical control boxes and push-button housings in wet, dusty and corrosive environments.

Standards
IEC 60529 (IP66) EN 60529 (IP66)

Approvals
UL Listed Types 4, 4x, 3, 3R, 12 & 13
CSA 4, 4x, 3, 3R, 12 & 13



Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight lbs (kg)	Back Plate A: Aluminum
VM433	4.36 x 3.18 x 3.66 (111 x 81 x 93)	4.01 x 2.82 x 3.31 (102 x 72 x 84)	.20 (.09)	Not Available
VM533	5.03 x 3.06 x 3.02 (128 x 78 x 77)	4.69 x 2.72 x 2.72 (119 x 69 x 69)	.26 (.12)	VMBP53A
VM534	5.03 x 3.06 x 4.02 (128 x 78 x 102)	4.69 x 2.72 x 3.72 (119 x 69 x 69)	.31 (.14)	VMBP53A
VM553	5.03 x 5.03 x 3.02 (128 x 128 x 77)	4.69 x 4.69 x 2.72 (119 x 119 x 69)	.43 (.20)	VMBP55A
VM554	5.03 x 5.03 x 4.02 (128 x 128 x 102)	4.69 x 4.69 x 3.72 (119 x 119 x 94)	.48 (.22)	VMBP55A
VM733	6.72 x 3.17 x 3.61 (171 x 81 x 92)	6.37 x 2.82 x 3.33 (162 x 72 x 85)	.36 (.16)	Not Available
VM753	7.00 x 5.03 x 2.97 (178 x 128 x 75)	6.65 x 4.69 x 2.72 (169 x 119 x 69)	.56 (.25)	VMBP75A
VM754	7.00 x 5.03 x 4.02 (178 x 128 x 102)	6.65 x 4.69 x 3.72 (169 x 119 x 94)	.61 (.28)	VMBP75A
VM755	7.00 x 5.03 x 5.02 (177 x 128 x 128)	6.65 x 4.69 x 4.72 (169 x 119 x 120)	.66 (.30)	VMBP75A
VM773	7.00 x 7.00 x 3.02 (178 x 178 x 77)	6.65 x 6.65 x 2.72 (169 x 169 x 69)	.83 (.38)	VMBP77A
VM775	7.00 x 7.00 x 5.02 (178 x 178 x 128)	6.65 x 6.65 x 4.72 (169 x 169 x 120)	.93 (.42)	VMBP77A
VM776	7.00 x 7.00 x 6.02 (178 x 178 x 153)	6.65 x 6.65 x 5.72 (169 x 169 x 145)	.98 (.44)	VMBP77A
VM933	9.09 x 3.18 x 3.61 (171 x 81 x 92)	8.74 x 2.84 x 3.33 (222 x 72 x 85)	.46 (.21)	Not Available



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Opaque Cover with
Knockouts



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Transparent Cover

VM

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate *A: Aluminum *S: Steel *N: Non-Metallic	Knockouts (Quantity) Size
VM533K	5.03 x 3.06 x 3.02 (128 x 78 x 77)	4.69 x 2.72 x 2.72 (119 x 69 x 69)	.26 (.12)	VMBP53A	(6) .44"-.85"
VM534K	5.03 x 3.06 x 4.02 (128 x 78 x 102)	4.69 x 2.72 x 3.72 (119 x 69 x 69)	.31 (.14)	VMBP53A	(6) .44"-.85"
VM553K	5.03 x 5.03 x 3.02 (128 x 128 x 77)	4.69 x 4.69 x 2.72 (119 x 119 x 69)	.43 (.20)	VMBP55A	(8) .44"-.85"
VM554K	5.03 x 5.03 x 4.02 (128 x 128 x 102)	4.69 x 4.69 x 3.72 (119 x 119 x 94)	.48 (.22)	VMBP55A	(8) .44"-.85"
VM753K	7.00 x 5.03 x 2.97 (178 x 128 x 75)	6.65 x 4.69 x 2.72 (169 x 119 x 69)	.56 (.25)	VMBP75A	(6) PG13.5/9 (4) PG21/16
VM754K	7.00 x 5.03 x 4.02 (178 x 128 x 102)	6.65 x 4.69 x 3.72 (169 x 119 x 94)	.61 (.28)	VMBP75A	(6) PG13.5/9 (4) PG21/16
VM755K	7.00 x 5.03 x 5.02 (177 x 128 x 128)	6.65 x 4.69 x 4.72 (169 x 119 x 120)	.66 (.30)	VMBP75A	(6) PG 13.5/9 (4) PG21/16
VM773K	7.00 x 7.00 x 3.02 (178 x 178 x 77)	6.65 x 6.65 x 2.72 (169 x 169 x 69)	.83 (.38)	VMBP77A	(12) PG13.5/9
VM775K	7.00 x 7.00 x 5.02 (178 x 178 x 128)	6.65 x 6.65 x 4.72 (169 x 169 x 120)	.93 (.42)	VMBP77A	(12) PG13.5/9
VM776K	7.00 x 7.00 x 6.02 (178 x 178 x 153)	6.65 x 6.65 x 5.72 (169 x 169 x 145)	.98 (.44)	VMBP77A	(12) PG13.5/9

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate A: Aluminum
VM533CT	5.03 x 3.06 x 3.02 (128 x 78 x 77)	4.69 x 2.72 x 2.72 (119 x 69 x 69)	.26 (.12)	VMBP53A
VM534CT	5.03 x 3.06 x 4.02 (128 x 78 x 102)	4.69 x 2.72 x 3.72 (119 x 69 x 69)	.31 (.14)	VMBP53A
VM553CT	5.03 x 5.03 x 3.02 (128 x 128 x 77)	4.69 x 4.69 x 2.72 (119 x 119 x 69)	.43 (.20)	VMBP55A
VM554CT	5.03 x 5.03 x 4.02 (128 x 128 x 102)	4.69 x 4.69 x 3.72 (119 x 119 x 94)	.48 (.22)	VMBP55A
VM753CT	7.00 x 5.03 x 2.97 (178 x 128 x 75)	6.65 x 4.69 x 2.72 (169 x 119 x 69)	.56 (.25)	VMBP75A
VM754CT	7.00 x 5.03 x 4.02 (178 x 128 x 102)	6.65 x 4.69 x 3.72 (169 x 119 x 94)	.61 (.28)	VMBP75A
VM755CT	7.00 x 5.03 x 5.02 (177 x 128 x 128)	6.65 x 4.69 x 4.72 (169 x 119 x 120)	.66 (.30)	VMBP75A
VM773CT	7.00 x 7.00 x 3.02 (178 x 178 x 77)	6.65 x 6.65 x 2.72 (169 x 169 x 69)	.83 (.38)	VMBP77A
VM775CT	7.00 x 7.00 x 5.02 (178 x 178 x 128)	6.65 x 6.65 x 4.72 (169 x 169 x 120)	.93 (.42)	VMBP77A
VM776CT	7.00 x 7.00 x 6.02 (178 x 178 x 153)	6.65 x 6.65 x 5.72 (169 x 169 x 145)	.98 (.44)	VMBP77A



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Transparent Cover with
Knockouts



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Push-button Units

VM

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate *A: Aluminum *S: Steel *N: Non-Metallic	Knockouts (Quantity) Size
VM533CTK	5.03 x 3.06 x 3.02 (128 x 78 x 77)	4.69 x 2.72 x 2.72 (119 x 69 x 69)	.26 (.12)	VMBP53A	(6) .44"-.85"
VM534CTK	5.03 x 3.06 x 4.02 (128 x 78 x 102)	4.69 x 2.72 x 3.72 (119 x 69 x 69)	.31 (.14)	VMBP53A	(6) .44"-.85"
VM553CTK	5.03 x 5.03 x 3.02 (128 x 128 x 77)	4.69 x 4.69 x 2.72 (119 x 119 x 69)	.43 (.20)	VMBP55A	(8) .44"-.85"
VM554CTK	5.03 x 5.03 x 4.02 (128 x 128 x 102)	4.69 x 4.69 x 3.72 (119 x 119 x 94)	.48 (.22)	VMBP55A	(8) .44"-.85"
VM753CTK	7.00 x 5.03 x 2.97 (178 x 128 x 75)	6.65 x 4.69 x 2.72 (169 x 119 x 69)	.56 (.25)	VMBP75A	(6) PG13.5/9 (4) PG21/16
VM754CTK	7.00 x 5.03 x 4.02 (178 x 128 x 102)	6.65 x 4.69 x 3.72 (169 x 119 x 94)	.61 (.28)	VMBP75A	(6) PG13.5/9 (4) PG21/16
VM755CTK	7.00 x 5.03 x 5.02 (177 x 128 x 128)	6.65 x 4.69 x 4.72 (169 x 119 x 120)	.66 (.30)	VMBP75A	(6) PG 13.5/9 (4) PG21/16
VM773CTK	7.00 x 7.00 x 3.02 (178 x 178 x 77)	6.65 x 6.65 x 2.72 (169 x 169 x 69)	.83 (.38)	VMBP77A	(12) PG13.5/9
VM775CTK	7.00 x 7.00 x 5.02 (178 x 178 x 128)	6.65 x 6.65 x 4.72 (169 x 169 x 120)	.93 (.42)	VMBP77A	(12) PG13.5/9
VM776CTK	7.00 x 7.00 x 6.02 (178 x 178 x 153)	6.65 x 6.65 x 5.72 (169 x 169 x 145)	.98 (.44)	VMBP77A	(12) PG13.5/9

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate *A: Aluminum *S: Steel *N: Non-Metallic	Push-button Holes (Quantity) Size
VM433-PBS1 VM433-PBM1	4.36 x 3.18 x 3.66 (111 x 81 x 93)	4.01 x 2.82 x 3.31 (102 x 72 x 84)	.20 (.09)	Not Available	(1) 30.5 (1) 22.5
VM533-PBM2	5.03 x 3.06 x 3.02 (128 x 78 x 77)	4.69 x 2.72 x 2.72 (119 x 69 x 69)	.26 (.12)	VMBP53A	(2) 22.5
VM733-PBS2 VM733-PBM3	6.72 x 3.17 x 3.61 (171 x 81 x 92)	6.37 x 2.82 x 3.33 (162 x 72 x 85)	.36 (.16)	Not Available	(2) 30.5 (3) 22.5
VM755-PBS4 VM755-PBM6	7.00 x 5.03 x 5.02 (177 x 128 x 128)	6.65 x 4.69 x 4.72 (169 x 119 x 120)	.66 (.30)	VMBP75A	(4) 30.5 (6) 22.5
VM775-PBS4 VM775-PBM9	7.00 x 7.00 x 5.02 (178 x 178 x 128)	6.65 x 6.65 x 4.72 (169 x 169 x 120)	.93 (.42)	VMBP77A	(4) 30.5 (9) 22.5
VM933-PBS3 VM933-PBM4	9.09 x 3.18 x 3.61 (171 x 81 x 92)	8.74 x 2.84 x 3.33 (222 x 72 x 85)	.46 (.21)	Not Available	(3) 30.5 (4) 22.5

Custom push button solutions available...



VMS Series
configuration options and specifications

**** Suffix**
No Suffix: Opaque cover with four non-metallic corner screws
CT: Transparent cover with four non-metallic corner screws
DT: Transparent inspection window cover with four non-metallic corner screws

- Features**
- Enclosures are maintenance free and corrosion resistant.
 - Bases and covers are constructed of polycarbonate that can withstand continuous temperatures -4°F to 176°F (-20°C to 80°C) and momentary exposure to 293°F (145°C).
 - Cover screw holes in corners are outside of the gasketed area.
 - Continuous gaskets made of polyurethane foam guarantee optimal integrity.
 - All enclosures can be easily modified to customer specifications.
 - The basic design incorporates removable side walls for easy access and wiring.

Applications
The VMS Series enclosures are designed for use with panel boards, motor control centers and electronic instrumentation requiring high impact strength.

Standards		
IEC 60439-1	EN 60439-1	DIN VDE 0660 - T 500
IEC 60529 (IP65)	EN 60529 (IP65)	BS 5486 Part 1
IEC 62208	EN 62208	
IEC 62262 (IK08)	EN 62262 (IK08)	

Approvals
UL Listed Types: 2, 3, 3R, 3S, 5, 12 & 12K
CSA Listed Types: 2, 3R, 5, 12 & 12K

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Back Plate S: Steel N: Non-Metallic	Front Plate Non-Metallic
VMS1208 VMS1208CT	12.60 x 8.66 x 7.05 (320 x 220 x 179)	11.06 x 7.12 x 6.11 (281 x 181 x 155)	2.76 (1.25)	VMMP1208S VMMP1208N	VMDF1212
VMS1212 VMS1212CT VMS1212DT	12.60 x 12.60 x 7.05 (320 x 320 x 179)	11.06 x 11.06 x 6.11 (281 x 281 x 155)	3.5 (1.59)	VMMP1212S VMMP1212N	VMDF1212
VMS1612 VMS1612CT VMS1612DT	17.32 x 12.60 x 7.05 (440 x 320 x 179)	15.78 x 11.06 x 6.11 (401 x 281 x 155)	4.41 (2.00)	VMMP1612S VMMP1612N	VMDF1612
VMS2412 VMS2412CT	25.2 x 12.60 x 7.05 (640 x 320 x 179)	23.66 x 11.06 x 6.11 (601 x 281 x 155)	6.56 (2.98)	VMMP2412S VMMP2412N	VMDF2412
VMS2416 VMS2416CT	25.2 x 17.32 x 7.05 (640 x 440 x 179)	23.66 x 15.78 x 6.11 (601 x 401 x 155)	8.34 (3.78)	VMMP2416S VMMP2416N	VMDF2416



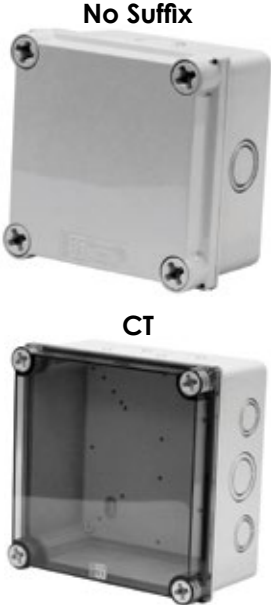
Series 55
configuration options and specifications

**** Suffix**
No Suffix: Opaque cover with four non-metallic corner screws
C: Transparent cover with four non-metallic corner screws

- Features**
- Enclosures are maintenance free and corrosion resistant.
 - Bases and covers are constructed of thermoplastic high impact polyphenylene oxide.
 - Cover screw holes in corners are outside of the gasketed area.
 - Continuous gaskets made of polyurethane foam guarantee optimal integrity.
 - All enclosures can be easily modified to customer specifications.

Applications
The Series 55 enclosures are designed for use as electrical junction boxes, electronic housings, push button stations and many other applications for indoor and outdoor use.

Standards			Approvals			
IEC 60529 (IP66)		EN 60529 (IP66)		CEBEC		
Part Number	Exterior Dimensions	Interior Dimensions	Weight	Back Plate	Front Plate	Knockouts
	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)	Aluminum	Non-Metallic	(Quantity) Size
S55050	3.50 x 3.50 x 1.64 (89 x 89 x 42)	2.75 x 2.75 x 1.01 (70 x 70 x 26)	.21 (.10)	Not Available	Not Available	Not Available
S55100	4.92 x 4.92 x 2.95 (125 x 125 x 75)	4.17 x 4.17 x 2.32 (106 x 106 x 59)	.43 (.20)	BP100A	Not Available	(5) PG16/21
S55200 S55200C	6.89 x 6.89 x 3.74 (175 x 175 x 95)	6.14 x 6.14 x 3.11 (156 x 156 x 79)	.83 (.38)	BP200A	FP200	(6) PG16/21 (5) PG 21/29
S55300 S55300C	8.86 x 6.89 x 3.74 (225 x 175 x 95)	8.11 x 6.14 x 3.11 (209 x 156 x 79)	1.38 (.63)	BP300A	FP300H FP300V	(8) PG 21 (6) PG 21/29



Flex-O-Box
configuration options and specifications

**** Suffix**
No Suffix: Opaque Snap on cover
Optional stainless steel cover screws

- Features**
- Enclosures are maintenance free and corrosion resistant.
 - Bases and covers are constructed of thermoplastic that can withstand continuous temperatures 23°F to 140°F (-5°C to 60°C).
 - Resistant to 1202°F (650°C) incandescent wire.
 - Designated PG holes with flexible glands facilitate wire and cable entry.

Applications
The Flex-O-Box enclosures are designed for use as electrical junction boxes for indoor and outdoor use.

Part Number	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions H x W x D Inches (mm)	Weight Lbs (kg)	Knockouts (Quantity) Size
FB442	4.33 x 4.33 x 1.93 (110 x 110 x 49)	2.75 x 2.75 x 1.01 (70 x 70 x 26)	.24 (.11)	7 x .79" (PG 16) sides / 2 x .79" (PG 16) bottom



Standards
IEC 60529 (IP65)
EN 60529 (IP65)
Approvals
CEBEC: NBN C68-685-2-0
CEBEC: NBN C68-685-1
KEMA: EN / IEC 670
CE



Pedestals

configuration options and specifications

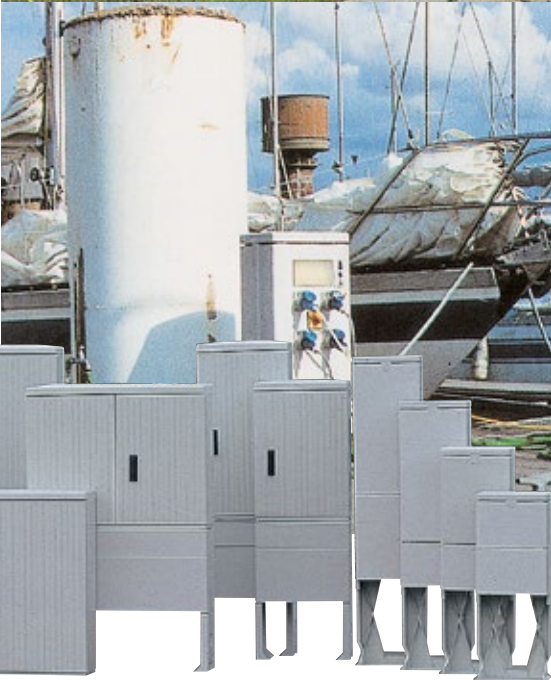
Configurations
V: Ventilated
NV: Not ventilated
FRP: Fiberglass reinforced polyester
AP: Anti-poster surface
DC: Two compartments
A: Standard depth
C: Extended depth

Features

- Enclosures are maintenance free and corrosion resistant.
- Constructed of either fiberglass reinforced polyester (non-ventilated) or thermoplastic polymer (ventilated) that can withstand continuous temperatures from -31°F to 257°F (-35°C to 125°C).

Applications
The Pedestal enclosures are designed for use as distribution centers for power supply units, CATV, telecommunications and natural gas.

Standards		
IEC 60439-5	EN 60439-5	All versions
IEC 60529 (IP23)	EN 60529 (IP23)	EH1 non-ventilated
IEC 60529 (IP43)	EN 60529 (IP43)	EH1 ventilated
IEC 60529 (IP44)	EN 60529 (IP44)	EH2, EH3, EHGD
IEC 60529 (IP54)	EN 60529 (IP54)	EH6
IEC 62262 (IK09)	EN 62262 (IK09)	EH1 thermoplastic
IEC 62262 (IK10)	EN 62262 (IK10)	EH1 FRP, EH2, EH3, EHGD, EH6



Part Number	Exterior Dimensions	Interior Dimensions	Weight
* Prefix ** Suffix	H x W x D Inches (mm)	H x W x D Inches (mm)	Lbs (kg)
EH1/V	29.53 x 15.04 x 10.67 (750 x 382 x 271)	11.14 x 10.31 x 5.12 (283 x 262 x 130)	10 (4.54)
EH1/V-FRP	29.53 x 15.04 x 10.67 (750 x 382 x 271)	11.14 x 10.31 x 5.12 (283 x 262 x 130)	10 (4.54)
EH1/NV-FRP	29.53 x 15.04 x 10.67 (750 x 382 x 271)	11.14 x 10.31 x 5.12 (283 x 262 x 130)	10 (4.54)
EH2/1117	43.19 x 17.05 x 9.45 (1097 x 433 x 240)	10.47 x 15.04 x 8.58 (266 x 382 x 218)	28 (12.7)
EH2/2017	53.03 x 17.05 x 9.45 (1347 x 433 x 240)	20.32 x 15.04 x 8.58 (516 x 382 x 218)	34 (15.42)
EH2/3117	63.86 x 17.05 x 9.45 (1622 x 433 x 240)	31.14 x 15.04 x 8.58 (791 x 382 x 218)	40 (18.14)
EH2/4117	74.65 x 17.05 x 9.45 (1896 x 433 x 240)	31.14 x 15.04 x 8.58 (791 x 382 x 218)	50 (22.68)
EH3/3523 EH3/3523AP	34.45 x 17.05 x 12.60 (875 x 590 x 320)	31.18 x 20.32 x 6.30 (792 x 516 x 160)	50 (22.68)
EH3/3531 EH3/3531AP EH3DC/3531-1	34.45 x 17.05 x 12.60 (875 x 785 x 320)	31.18 x 27.99 x 6.30 (792 x 711 x 160)	60 (27.22)
EH3/3544 EH3/3544AP EH3DC/3544-2	34.45 x 17.05 x 12.60 (875 x 1115 x 320)	31.18 x 40.98 x 6.30 (792 x 1041 x 160)	80 (36.29)
EH3/3557 EH3/3557AP	34.45 x 17.05 x 12.60 (875 x 1445 x 320)	31.18 x 53.98 x 6.30 (792 x 1371 x 160)	100 (45.36)
EH3/4423AP	44.29 x 17.05 x 12.60 (1125 x 590 x 320)	41.02 x 20.32 x 6.30 (1042 x 516 x 160)	60 (27.22)
EH3/4431AP	44.29 x 17.05 x 12.60 (1125 x 785 x 320)	41.02 x 27.99 x 6.30 (1042 x 711 x 160)	70 (31.75)
EH3/4444AP	44.29 x 17.05 x 12.60 (1125 x 1115 x 320)	41.02 x 40.98 x 6.30 (1042 x 1041 x 160)	90 (40.82)
EH3/4457AP	44.29 x 17.05 x 12.60 (1125 x 1445 x 320)	41.02 x 53.98 x 6.30 (1042 x 1371 x 160)	110 (49.9)
EHGD/3427A	34.45 x 26.61 x 16.69 (875 x 676 x 424)	28.94 x 19.69 x 9.84 (735 x 500 x 250)	50 (22.68)
EHGD/3434A	34.45 x 34.29 x 16.69 (875 x 871 x 424)	28.94 x 27.36 x 9.84 (735 x 695 x 250)	60 (27.22)
EHGD/3447A	34.45 x 47.24 x 16.69 (875 x 1200 x 424)	28.94 x 40.35 x 9.84 (735 x 1025 x 250)	80 (36.29)
EHGD/4427C	44.29 x 26.61 x 26.61 (1125 x 676 x 676)	38.78 x 19.69 x 19.69 (985 x 500 x 500)	60 (27.22)
EHGD/4434C	44.29 x 34.29 x 26.61 (1125 x 871 x 676)	38.78 x 27.36 x 19.69 (985 x 695 x 500)	70 (31.75)
EHGD/4447C	44.29 x 47.24 x 26.61 (1125 x 1200 x 676)	38.78 x 40.35 x 19.69 (985 x 1025 x 500)	90 (40.82)
EH6/3219	32.68 x 18.50 x 12.60 (830 x 470 x 320)	29.53 x 14.80 x 10.24 (750 x 376 x 260)	35 (15.88)
EH6/3224	32.68 x 23.82 x 12.60 (830 x 605 x 320)	29.53 x 20.12 x 10.24 (750 x 511 x 260)	40 (18.14)
EH6/3232	32.68 x 31.50 x 12.60 (830 x 800 x 320)	29.53 x 27.80 x 10.24 (750 x 706 x 260)	45 (20.41)



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VJ Series Accessories

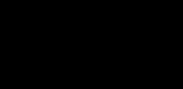
	Part Number	Exterior Dimensions	Viewing Area	Minimum Enclosure Size
		H x W x D Inches (mm)	H x W Inches (mm)	
	SW32	3.75 x 3.38 x .50 (95 x 86 x 13)	3.09 x 2.59 (78 x 66)	VJ606
	SW44	4.63 x 4.63 x .3125 (118 x 118 x 8)	3.7 x 3.7 (94 x 94)	VJ606
	SW64	7.31 x 5.75 x .3125 (186 x 146 x 8)	6.06 x 4.50 (154 x 114)	VJ806
	SW84N with nameplate	9.41 x 5.47 x .25 (239 x 139 x 6)	7.81 x 3.91 (198 x 99)	VJ806
	SW84X	8.50 x 5.75 x .25 (216 x 146 x 6)	7.81 x 3.91 (198 x 99)	VJ806
	SW97	10.31 x 8.25 x .25 (262 x 210 x 6)	8.81 x 6.75 (224 x 171)	VJ1008
	95HCD Hinged Inspection Window	9.50 x 5.68 x .52 (241 x 144 x 13)	8.94 x 5.13 (227 x 130)	VJ1008
	MEDVRAL7035 Air Vents	Material: Polyamide Package: Set of 2 pieces 2 air vents must be installed to ensure sufficient air circulation and prevent condensation. Complete with template and screws. The air vents should be mounted in the upper and lower part of the enclosure if possible.		
	SEDV Small Drain Vent	Material: Polyamide Package: Set of 2 pieces 2 air vents must be mounted per enclosure to ensure sufficient air circulation and prevent condensation water.		
	SO-05 .50" Aluminum Back Panel Stand Off	Material: Aluminum Length inches (mm): .5 (12.7) 10-32 thread to match back panel inserts and screws.		
	SO-10 1" Aluminum Back Panel Stand Off	Material: Aluminum Length inches (mm): 1 (25.4) 10-32 thread to match back panel inserts and screws.		
	SO-20 2" Aluminum Back Panel Stand Off	Material: Aluminum Length inches (mm): 2 (50.8) 10-32 thread to match back panel inserts and screws.		
	SO-30 3" Aluminum Back Panel Stand Off	Material: Aluminum Length inches (mm): 3 (76.2) 10-32 thread to match back panel inserts and screws.		
	SO-3.5 3.5" Aluminum Back Panel Stand Off	Material: Aluminum Length inches (mm): 3.5 (88.9) 10-32 thread to match back panel inserts and screws.		
	SO-40 4" Aluminum Back Panel Stand Off	Material: Aluminum Length inches (mm): 4 (101.6) 10-32 thread to match back panel inserts and screws.		



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APO Series Accessories

	41525.050 Non-Metallic Mounting Feet	Material: Polyamide Package: Set of 4 pieces For external mounting points. Direct mounting through the four corner holes of the enclosures. If extension collars are used, mounting brackets must be attached before the collars. Maximum load can not exceed 330 lbs.
	AP-MFSS Stainless Steel Mounting Feet	Material: 304 Stainless Steel Package: Set of 4 pieces For heavy duty mounting. The brackets are mounted directly to the rear of the box in provided reinforcements. M4 threaded inserts are provided for secure attachment. Maximum load can not exceed 330 lbs.
	MEDVRAL7035 Air Vents	Material: Polyamide Package: Set of 2 pieces 2 air vents must be installed to ensure sufficient air circulation and prevent condensation. Complete with template and screws. The air vents should be mounted in the upper and lower part of the enclosure if possible.
	SEDV Small Drain Vent	Material: Polyamide Package: Set of 2 pieces 2 air vents must be mounted per enclosure to ensure sufficient air circulation and prevent condensation water.
	PM12 Pole Mounting Bracket	Material: Aluminum For Use With: A31-1207, A41-1212, A71-1412, A51-1912, A81-2212 and A61-2412 Mounts to the 12 inch side. Bracket is secured to rear of enclosure with M4 inserts. 2 included C-profiles attach to the bracket. 2 clamps attach to the C-profiles (sold separately). Stainless steel band attaches to the clamps (not included).
	PM15 Pole Mounting Bracket	Material: Aluminum For Use With: A71-1412 and A11-2414 Mounts to the 14 inch side. Bracket is secured to rear of enclosure with M4 inserts. 2 included sets of C-profiles attach to the bracket. 2 clamps attach to the C-profiles (sold separately). Stainless steel band attaches to the clamps (not included).
	40600.099 .25" Brass Back Panel Stand Off	Material: Brass Length inches: .25 Length mm: 6.35 M4 thread to match back plate inserts and screws.
	10.002 .39" Brass Back Panel Stand Off	Material: Brass Length inches: .39 Length mm: 9.9 M4 thread to match back plate inserts and screws.
	15.002 .59" Brass Back Panel Stand Off	Material: Brass Length inches: .59 Length mm: 15 M4 thread to match back plate inserts and screws.
	20.002 .79" Brass Back Panel Stand Off	Material: Brass Length inches: .79 Length mm: 20 M4 thread to match back plate inserts and screws.
	25.002 .98" Brass Back Panel Stand Off	Material: Brass Length inches: .98 Length mm: 24.9 M4 thread to match back plate inserts and screws.
	30.002 1.18" Brass Back Panel Stand Off	Material: Brass Length inches: 1.18 Length mm: 30 M4 thread to match back plate inserts and screws.
	60.002 2.36" Brass Back Panel Stand Off	Material: Brass Length inches: 2.36 Length mm: 59.9 M4 thread to match back plate inserts and screws.
	97.002 3.81" Brass Back Panel Stand Off	Material: Brass Length inches: 3.81 Length mm: 96.8 M4 thread to match back plate inserts and screws.



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ARIA Series Accessories



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Polysafe Series Accessories

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	AN-NMF Non-Metallic Mounting Feet	Material: Polyamide Package: Set of 4 pieces Direct mounting to back of enclosures.
	AN-MFSS Stainless Steel Mounting Feet	Material: 304 Stainless Steel Package: Set of 4 pieces Direct mounting to back of enclosures.
	MEDVRAL7035 Air Vents	Material: Polyamide Package: Set of 2 pieces 2 air vents must be mounted per enclosure to ensure sufficient air circulation and prevent condensation water. Complete with template and screws. The air vents should be mounted in the upper and lower part of the enclosure if possible.
	SEDV Small Drain Vents	Material: Polyamide Package: Set of 2 pieces 2 air vents must be mounted per enclosure to ensure sufficient air circulation and prevent condensation water.
	RDV Ventilators	Material: Polyamide Package: Set of 2 pieces Mounting hole diameter: 1.4"
	PCP Pressure Compensation Plugs	Material: Polyamide Package: Set of 2 pieces Mounting hole diameter: 1.5"
	ABP-DA Back plate depth adjusters	Material: Stainless steel Package: Set of 4 pieces
	1021.020 Document Pocket	Dimensions inches (H x W x D): 6.7 x 5.5 x .4 Dimensions mm (H x W x D): 170 x 140 x 10 Transparent Self adhesive
	PM16 Pole Mounting Bracket	Material: Aluminum For Use With: AN2016 and AN2416 enclosures Mounts across the 16 inch side. Includes set of 4 stainless steel mounting feet.
	A-HKL Small Quarter Turn Key lock Handle	Small standard quarter turn handle with standard key lock installed. Includes set of 2 keys. Key lock handles require special fitting and should be installed by the factory. Special lock cylinders available upon request.
	A-HNMKL Large Lift / Turn Key lock Handle	Large standard lift / turn handle with standard key lock installed. Includes set of 2 keys. Key lock handles require special fitting and should be installed by the factory. Special lock cylinders available upon request.
	A-HNM Large Lift / Turn Handle	Large standard lift / turn handle. Lift / turn handles require special fitting and should be installed by the factory.
	A-HNMPL Large Lift / Turn Padlockable Handle	Large standard lift / turn handle with padlock capability. Lift / turn handles require special fitting and should be installed by the factory.

	Part Number	Dimensions	Material	Thickness	Weight	Enclosure
		H x W Inches (mm)		Inches (mm)	Lbs (kg)	Range
	PSPF-2030 19" Frame	16.14 x 25.98 (410 x 660)	Aluminum	.08 (2)		PS2030
	PSPF-3030 19" Frame	25.98 x 25.98 (660 x 660)	Aluminum	.08 (2)	12.74	PS3030
	PSPF-4030 19" Frame	35.83 x 25.98 (910 x 660)	Aluminum	.08 (2)		PS4030
	PSPF-5030 19" Frame	45.67 x 25.98 (1160 x 660)	Aluminum	.08 (2)		PS5030
	PMF-2013 Floor Pad	19.7 x 12.6 (500 x 320)	FRP	.375 (9.5)	4.4	PS2020 PS3020 PS4020
	PMF-3013 Floor Pad	29.53 x 12.6 (750 x 320)	FRP	.375 (9.5)	6.22	PS2030 PS3030 PS4030 PS5030
	PMF-4013 Floor Pad	39.37 x 12.6 (1000 x 320)	FRP	.375 (9.5)	7.98	PS3040 PS4040 PS5040
	PMF-5013 Floor Pad	49.21 x 12.6 (1250 x 320)	FRP	.375 (9.5)	16.31	PS3050 PS4050
	PRH-2013 Rain Hood	19.7 x 12.6 (500 x 320)	FRP	.375 (9.5)	4.4	PS2020 PS3020 PS4020
	PRH-3013 Rain Hood	29.53 x 12.6 (750 x 320)	FRP	.375 (9.5)	6.22	PS2030 PS3030 PS4030 PS5030
	PRH-4013 Rain Hood	39.37 x 12.6 (1000 x 320)	FRP	.375 (9.5)	7.98	PS3040 PS4040 PS5040
	PRH-5013 Rain Hood	49.21 x 12.6 (1250 x 320)	FRP	.375 (9.5)	16.31	PS3050 PS4050
	PS-SSMF Wall Mounting Brackets	Material: 304 Stainless steel. Package: Set of 4. Attaches directly to the rear of enclosure.				
	PS-SSMFRH Wall Mounting Brackets for Enclosure with Rainhood	Material: 304 Stainless steel. Package: Set of 4. Attaches directly to the rear of enclosure.				
	MEDVRAL7035 Air Vents	Material: Polyamide. Package: Set of 2 pieces. 2 air vents must be mounted per enclosure to ensure sufficient air circulation and prevent condensation water. Complete with template and screws. The air vents should be mounted in the upper and lower part of the enclosure if possible.				
	70000.261 Louver Ventilation Plate	Package: Set of 2 plates and 4 rivets. Dimensions inches (mm) (H x W): 5.9 x 7.5 (150 x 190)				
	PSAMF20 Adjustable Mounting Frame	Material: Aluminum. Continuous adjustment. Height inches (mm): 19.70 (500) Width inches (mm): adjustable to 18.43 (468) and 28.27 (718)				
	PSAMF30 Adjustable Mounting Frame	Material: Aluminum. Continuous adjustment. Height inches (mm): 29.53 (750) Width inches (mm): adjustable to 18.43 (468), 28.27 (718), 38.11 (968) and 47.95 (1218)				
	PSAMF40 Adjustable Mounting Frame	Material: Aluminum. Continuous adjustment. Height inches (mm): 39.37 (1000) Width inches (mm): adjustable to 18.43 (468), 28.27 (718), 38.11 (968) and 47.95 (1218)				
	PSAMF50 Adjustable Mounting Frame	Material: Aluminum. Continuous adjustment. Height inches (mm): 29.53 (750) Width inches (mm): adjustable to 28.27 (718) and 38.11 (968)				
	PSFMF20 Adjustable Mounting Frame	Material: Aluminum. Incremental adjustment. Height inches (mm): 19.70 (500) Width inches (mm): adjustable to 18.43 (468) and 28.27 (718)				
	PSFMF30 Adjustable Mounting Frame	Material: Aluminum. Incremental adjustment. Height inches (mm): 29.53 (750) Width inches (mm): adjustable to 18.43 (468), 28.27 (718), 38.11 (968) and 47.95 (1218)				
	PSFMF40 Adjustable Mounting Frame	Material: Aluminum. Incremental adjustment. Height inches (mm): 39.37 (1000) Width inches (mm): adjustable to 18.43 (468), 28.27 (718), 38.11 (968) and 47.95 (1218)				
	PSFMF50 Adjustable Mounting Frame	Material: Aluminum Incremental adjustment Height inches (mm): 29.53 (750) Width inches (mm): adjustable to 28.27 (718) and 38.11 (968)				



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Multibox Series Accessories



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MultiboxG Series Accessories

ENCLOSURE SYSTEMS INC.

	MB-NMF Non-Metallic Mounting Feet	Material: Plastic For use with: All available Multibox enclosures Set of 4 pieces
	MB-PLKIT Padlocking Hinge Kit	Material: Plastic For use with: All Multibox enclosures Includes 1 padlock, 2 non-metallic hinges, screws and drilling template
	MBDRN50 DIN Rail	Material: Aluminum Width: 15mm For use with: MB2525 and MB0425 enclosures
	MBDRN80 DIN Rail	Material: Aluminum Width: 15mm For use with: MB0425, MB0404, MB0504, MB0505 and MB0704 enclosures
	MBDRN92 DIN Rail	Material: Aluminum Width: 15mm For use with: MB0404, MB0504, MB0505 and MB0704 enclosures
	MBDRN111 DIN Rail	Material: Aluminum Width: 15mm For use with: MB0504 and MB0505 enclosures
	MBDRN154 DIN Rail	Material: Aluminum Width: 15mm For use with: MB0704, MB0707 and MB1007 enclosures
	MBDRW81 DIN Rail	Material: Aluminum Width: 35mm For use with: MB0404, MB0504, MB0505 and MB0704 enclosures
	MBDRW106 DIN Rail	Material: Aluminum Width: 35mm For use with: MB0504 and MB0505 enclosures
	MBDRW144 DIN Rail	Material: Aluminum Width: 35mm For use with: MB0704, MB0707 and MB1007 enclosures
	MBDRW216 DIN Rail	Material: Aluminum Width: 35mm For use with: MB1007 and MB1410 enclosures
	MBDRW336 DIN Rail	Material: Aluminum Width: 35mm For use with: MB1410 enclosures

	MBG-NMF Non-Metallic Mounting Feet	Material: Plastic For use with: All available MultiboxG enclosures Set of 4 pieces
	MBG-HINGE Internal Hinge Set	Material: Plastic For use with: MBG050302 and larger enclosures Includes 2 non-metallic hinges, screws and drilling template
	MBGDRN66 DIN Rail	Material: Aluminum Width: 15mm For use with: MBG0303 enclosures
	MBGDRN104 DIN Rail	Material: Aluminum Width: 15mm For use with: MBG0503 enclosures
	MBGDRN108 DIN Rail	Material: Aluminum Width: 15mm For use with: MBG0505 enclosures
	MBGDRN144 DIN Rail	Material: Aluminum Width: 15mm For use with: MBG0605 enclosures
	MBGDRN168 DIN Rail	Material: Aluminum Width: 15mm For use with: MBG0805 enclosures
	MBGDRN184 DIN Rail	Material: Aluminum Width: 15mm For use with: MBG0805 enclosures
	MBGDRN220 DIN Rail	Material: Aluminum Width: 15mm For use with: MBG1006 enclosures
	MBGDRN283 DIN Rail	Material: Aluminum Width: 15mm For use with: MBG1209 enclosures
	MBGDRW66 DIN Rail	Material: Aluminum Width: 35mm For use with: MBG0303 enclosures
	MBGDRW104 DIN Rail	Material: Aluminum Width: 35mm For use with: MBG0503 enclosures
	MBGDRW108 DIN Rail	Material: Aluminum Width: 35mm For use with: MBG0505 enclosures
	MBGDRW144 DIN Rail	Material: Aluminum Width: 35mm For use with: MBG0605 enclosures
	MBGDRW168 DIN Rail	Material: Aluminum Width: 35mm For use with: MBG0805 enclosures
	MBGDRW184 DIN Rail	Material: Aluminum Width: 35mm For use with: MBG0805 enclosures
	MBGDRW220 DIN Rail	Material: Aluminum Width: 35mm For use with: MBG1006 enclosures
	MBGDRW283 DIN Rail	Material: Aluminum Width: 35mm For use with: MBG1209 enclosures



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VM Series Accessories



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ENCLOSURE SYSTEMS INC.

VMS Series Accessories

Part Number	Dimensions	Material	Viewing Area	Weight	Enclosure
	H x W x D Inches (mm)		Inches (mm)		Range
 VM-CTFS23 Inspection Window Kit	2.36 x 3.03 x .79 (60 x 77 x 20)	Polycarbonate	1.65 x 1.97 (42 x 50)		VM533 and up
 VM-CTHS23 Inspection Window Kit	2.36 x 3.03 x 1.26 (60 x 77 x 32)	Polycarbonate	1.65 x 1.97 (42 x 50)		VM533 and up
 VM-CTFS43 Inspection Window Kit	3.78 x 3.03 x .79 (96 x 77 x 20)	Polycarbonate	3.07 x 1.97 (78 x 50)		VM753 and up
 VM-CTHS43 Inspection Window Kit	3.78 x 3.03 x 1.26 (96 x 77 x 32)	Polycarbonate	3.07 x 1.97 (78 x 50)		VM753 and up
 VM-CTFS53 Inspection Window Kit	5.12 x 3.03 x .79 (130 x 77 x 20)	Polycarbonate	4.41 x 1.97 (112 x 50)		VM753 and up
 VM-CTHS53 Inspection Window Kit	5.12 x 3.03 x 1.26 (130 x 77 x 32)	Polycarbonate	4.41 x 1.97 (112 x 50)		VM753 and up
 VM-CTFS73 Inspection Window Kit	6.42 x 3.03 x .79 (163 x 77 x 20)	Polycarbonate	5.71 x 1.97 (112 x 50)		VM753 and up
 VM-CTHS73 Inspection Window Kit	6.42 x 3.03 x 1.26 (163 x 77 x 32)	Polycarbonate	5.71 x 1.97 (112 x 50)		VM753 and up
 VMMB-5 Mounting Bracket	Material: Aluminum Package: Set of 2 pieces Mounts directly to the rear of enclosures for wall mounting applications.				
 SEDV Small Drain Vents	Material: Polyamide Package: Set of 2 pieces 2 air vents must be mounted per enclosure to ensure sufficient air circulation and prevent condensation water.				
 DRL43 Long Din Rail	Material: Aluminum Mounts directly to the base of enclosures across the long side. For use with: VM433 enclosures				
 DRL53 Long Din Rail	Material: Aluminum Mounts directly to the base of enclosures across the long side. For use with: VM533 and VM534 enclosures				
 DRS35 Short Din Rail	Material: Aluminum Mounts directly to the base of enclosures across the short side. For use with: VM533 and VM534 enclosures				
 DRL55 Long Din Rail	Material: Aluminum Mounts directly to the base of enclosures. For use with: VM553 and VM554 enclosures				
 DRL75 Long Din Rail	Material: Aluminum Mounts directly to the base of enclosures across the long side. For use with: VM753, VM754 and VM755 enclosures				
 DRS57 Short Din Rail	Material: Aluminum Mounts directly to the base of enclosures across the short side. For use with: VM753, VM754 and VM755 enclosures				
 DRL77 Long Din Rail	Material: Aluminum Mounts directly to the base of enclosures. For use with: VM773, VM775 and VM776 enclosures				
 DRL93 Long Din Rail	Material: Aluminum Mounts directly to the base of enclosures across the long side. For use with: VM933 enclosures				

	VMEP08 Blank End Plate	For Side Width: 8.66 inches (220 mm) For Use With: VMS1208
	VMEP12 Blank End Plate	For Side Width: 12.60 inches (320 mm) For Use With: VMS1208, VMS1212, VMS1612, VMS2412 and VMS2416
	VMEP16 Blank End Plate	For Side Width: 17.32 inches (440 mm) For Use With: VMS1612 and VMS2416
	VMEP08K3 End Plate with Knockouts	For Side Width: 8.66 inches (220 mm) Three PG29 knockouts For Use With: VMS1208 *other configurations available
	VMEP12K6 End Plate with Knockouts	For Side Width: 12.60 inches (320 mm) Six PG29 knockouts For Use With: VMS1208, VMS1212, VMS1612, VMS2412 and VMS2416 *other configurations available
	VMEP16K14 End Plate with Knockouts	For Side Width: 17.32 inches (440 mm) Four PG29 knockouts, four PG21 knockouts and six PG16 knockouts For Use With: VMS1612 and VMS2416 *other configurations available
	VMMB Stainless Steel Mounting Feet	Material: Stainless Steel Package: Set of 4 Direct fitting through corner shafts of the base. Must be installed prior to extension frame or hinge installation.
	VMTG Thumb Screw Insert	Package: Set of 4 pieces For Use With: VMS Series cover screws and hinge screws
	SEDV Small Drain Vent	Material: Polyamide Package: Set of 2 pieces 2 air vents must be mounted per enclosure to ensure sufficient air circulation and prevent condensation water.
	VMSH Hinge Screw	Base must be fixed prior to hinge installation.
	VMDP08 Symmetrical DIN Profile	For Side Width: 8.66 inches (220 mm) Supplied with two universal supports
	VMDP12 Symmetrical DIN Profile	For Side Width: 12.60 inches (320 mm) Supplied with two universal supports
	VMDP16 Symmetrical DIN Profile	For Side Width: 17.32 inches (440 mm) Supplied with two universal supports
	VMMR08 Mounting Rail	For Side Width: 8.66 inches (220 mm) To fit connection terminal blocks Supplied with two universal supports
	VMMR12 Mounting Rail	For Side Width: 12.60 inches (320 mm) To fit connection terminal blocks Supplied with two universal supports
	VMMR16 Mounting Rail	For Side Width: 17.32 inches (440 mm) To fit connection terminal blocks Supplied with two universal supports
	VMCK Coupling Key	For base coupling



Series 55 Accessories



	Terminal	Max Wire / Terminal (AWG)	Max Wire / Terminal (mm²)	Max Amp / Terminal
	1	12	4	20
	2	12	4	20
	3	12	4	20
	4	12	4	20
	5	12	4	20

	Terminal	Max Wire / Terminal (AWG)	Max Wire / Terminal (mm²)	Max Amp / Terminal
	1	10 or 8 or 6	6 or 10 or 16	30 or 40 or 55
	2	10 or 8 or 6	6 or 10 or 16	30 or 40 or 55
	3	10 or 8 or 6	6 or 10 or 16	30 or 40 or 55
	4	10 or 8	6 or 10	30 or 40
	5	10	6	30

	Number of Wires	Max Wire / Terminal (AWG)	Max Wire / Terminal (mm²)	Max Amp
	5	10	6	150
	4	8	10	160
	3	6	16	165

	Material: Aluminum Length: 5.625 inches (143 mm) Mounts directly to the base of enclosures.
--	---

	Material: Aluminum Length: 7.5 inches (191 mm) Mounts directly to the base of enclosures.
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	PG 16 cable gland Hole size: .91 inches (23 mm) Max wire size: 5 AWG (18 mm²)
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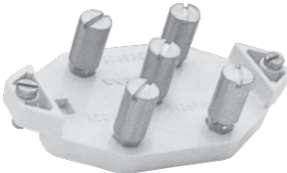
	PG 21 cable gland Hole size: 1.14 inches (29 mm) Max wire size: 4 AWG (24 mm²)
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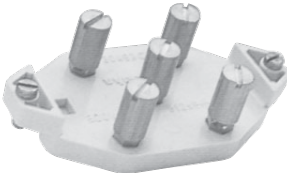
	PG 29 cable gland Hole size: 1.50 inches (38 mm) Max wire size: 3 AWG (32 mm²)
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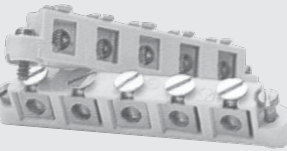
	PG 16 connector Material: Chloroprene rubber Mounting hole size: .839 inches (21 mm) Wire range: 5 AWG (.197") to 0000 AWG (.472") Standards: UL Recognized, UL Listed, CSA Certified, CE Marked
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	PG 21 connector Material: Polyamide Mounting hole size: 1.14 inches (29 mm) (PG 21) Max wire size: 4 AWG (24 mm²)
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	PG 29 connector Material: Polyamide Mounting hole size: 1.50 inches (38 mm) Max wire size: 4 AWG (24 mm²)
---	--

	Exterior Dimensions: inches (mm)	Interior Dimensions: inches (mm)	Weight: lbs	Knockouts
	4.33 x 4.33 x 1.93 (H x W x D)	2.75 x 2.75 x 1.01	.24	7 x .79" (PG 16) sides
	(110 x 110 x 49)	(70 x 70 x 26)	(.11)	2 x .79" (PG 16) base

	Terminal	Max Wire / Terminal (AWG)	Max Wire / Terminal (mm²)	Max Amp / Terminal
	1	16 or 14 or 12 or 10 or 8	1.5 or 2.5 or 4 or 6 or 10	40
	2	16 or 14 or 12 or 10 or 8	1.5 or 2.5 or 4 or 6 or 10	40
	3	16 or 14 or 12	1.5 or 2.5 or 4	20
	4	16 or 14	1.5 or 2.5	
	5	16	1.5	

	Terminal	Max Wire / Terminal (AWG)	Max Wire / Terminal (mm²)	Max Amp / Terminal
	1	16 or 14 or 12 or 10	1.5 or 2.5 or 4 or 6	30
	2	16 or 14 or 12 or 10	1.5 or 2.5 or 4 or 6	30
	3	16 or 14 or 12	1.5 or 2.5 or 4	20
	4	16 or 14	1.5 or 2.5	
	5	16	1.5	

	PG 16 cable seal Material: Polyamide Max wire size: 5 AWG (18 mm²)
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	PG 16 connector For use with: 5/8 inch conduit
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	PG 16 connector For use with: 3/4 inch conduit
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	PG 16 hole plug
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	Optional stainless steel cover screws to support the cover to the base.
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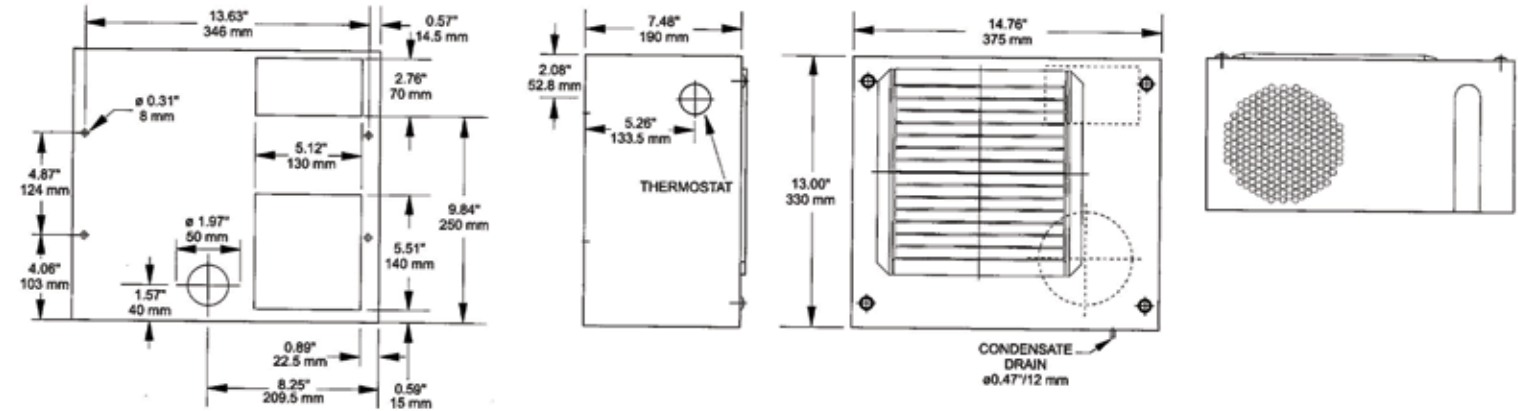


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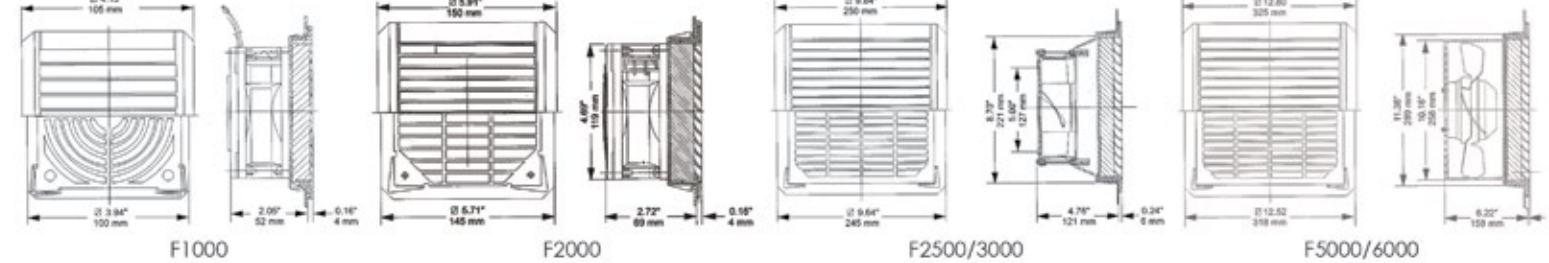
Climate Control Accessories

ENCLOSURE SYSTEMS INC.

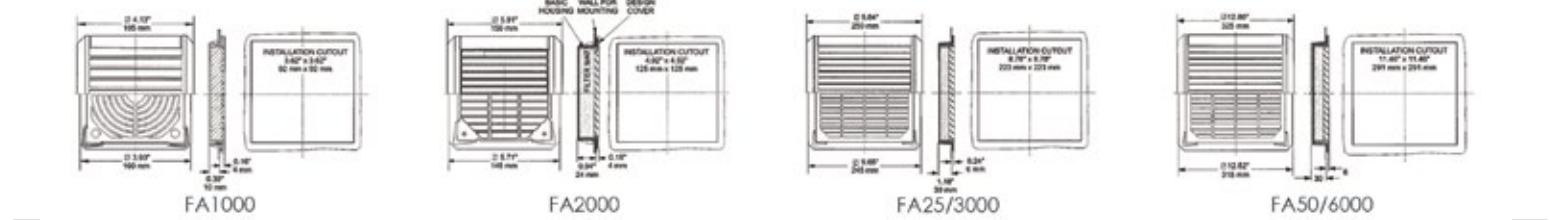
	AC1200-115 Air Conditioning Unit	Voltage	Watts	Refrigerant	Current	Line Cord	Exterior Housing	Weight	Protection	Approvals
		110-115V 50-60Hz	350w	R134a	2.2A	8"	Galvanized Steel	40lb	IP54	UR, CUR, CE
Intended for hot spot cooling in smaller enclosures Separate air circuits maintains dry atmosphere, prevents moist contaminated air from mixing with clean enclosure air. Thermostat controls for energy efficiency, continuous air circulation. Design permits single person installation. NEMA 12 Rating										
	AC1200-230 Air Conditioning Unit	Voltage	Watts	Refrigerant	Current	Line Cord	Exterior Housing	Weight	Protection	Approvals
		230V 50-60Hz	350w	R134a	1.3A	8"	Galvanized Steel	40lb	IP54	UR, CUR, CE
Intended for hot spot cooling in larger enclosures Separate air circuits maintains dry atmosphere, prevents moist contaminated air from mixing with clean enclosure air. Thermostat controls for energy efficiency, continuous air circulation. Design permits single person installation. NEMA 12 Rating										



	F1000 Filter Fan	Voltage	Air Delivery*	Filter Density	Filtering Level
		115V	8.8	150	67%
* Air delivery w/ exhaust High Quality, economically priced method for cooling enclosures. Provides superior forced convection cooling. Slim design permits limited external exposure. Features click & fit design, reusable mat filter.					
	F2000 Filter Fan	Voltage	Air Delivery*	Filter Density	Filtering Level
		115V	24.7	350	83%
* Air delivery w/ exhaust High Quality, economically priced method for cooling enclosures. Provides superior forced convection cooling. Slim design permits limited external exposure. Features click & fit design, reusable mat filter.					
	F2500 Filter Fan	Voltage	Air Delivery*	Filter Density	Filtering Level
		115V	55.9	350	83%
* Air delivery w/ exhaust High Quality, economically priced method for cooling enclosures. Provides superior forced convection cooling. Slim design permits limited external exposure. Features click & fit design, reusable mat filter.					
	F3000 Filter Fan	Voltage	Air Delivery*	Filter Density	Filtering Level
		115V	123.6	350	83%
* Air delivery w/ exhaust High Quality, economically priced method for cooling enclosures. Provides superior forced convection cooling. Slim design permits limited external exposure. Features click & fit design, reusable mat filter.					

	F5000 Filter Fan	Voltage	Air Delivery*	Filter Density	Filtering Level
		115V	206	350	83%
* Air delivery w/ exhaust High Quality, economically priced method for cooling enclosures. Provides superior forced convection cooling. Slim design permits limited external exposure. Features click & fit design, reusable mat filter.					
	F6000 Filter Fan	Voltage	Air Delivery*	Filter Density	Filtering Level
		115V	264.9	350	83%
* Air delivery w/ exhaust High Quality, economically priced method for cooling enclosures. Provides superior forced convection cooling. Slim design permits limited external exposure. Features click & fit design, reusable mat filter.					
					

	TF8000-115 Top Mount Filter Fan	Voltage	Rated Range	Voltage Load	Connected	Dimensions
	115	103-122	95w	50/60Hz	4.33"H x 20.87"W x 13.78"D	
Very high airflow. Air is pulled through the enclosure vertically cooling the contained equipment while removing warm air from the upper portion of the enclosure. Ideal for 19" rack applications.						
	TF8000-230 Top Mount Filter Fan	Voltage	Rated Range	Voltage Load	Connected	Dimensions
	230	207-244	95w	50/60Hz	4.33"H x 20.87"W x 13.78"D	
Very high airflow. Air is pulled through the enclosure vertically cooling the contained equipment while removing warm air from the upper portion of the enclosure. Ideal for 19" rack applications.						
	FA1000 Exhaust Filter	Filter Density	Filtering Level (G/M2)	Dimensions	Cutout Dimensions	
	150	67%	0.55"H x 4.13"W x 4.13"D	3.62" x 3.62"		
Click & fit for rapid installation without screws made from fire retardant polycarbonate. Reusable mat filter. Gaskets are recommended for installation.						
	FA2000 Exhaust Filter	Filter Density	Filtering Level (G/M2)	Dimensions	Cutout Dimensions	
	350	83%	1.10"H x 5.91"W x 5.91"D	4.92" x 4.92"		
Click & fit for rapid installation without screws made from fire retardant polycarbonate. Reusable mat filter. Gaskets are recommended for installation.						
	FA25/3000 Exhaust Filter	Filter Density	Filtering Level (G/M2)	Dimensions	Cutout Dimensions	
	350	83%	1.42"H x 9.84"W x 9.84"D	8.78" x 8.78"		
Click & fit for rapid installation without screws made from fire retardant polycarbonate. Reusable mat filter. Gaskets are recommended for installation.						
	FA50/6000 Exhaust Filter	Filter Density	Filtering Level (G/M2)	Dimensions	Cutout Dimensions	
	350	83%	1.42"H x 12.80"W x 12.80"D	11.46" x 11.46"		
Click & fit for rapid installation without screws made from fire retardant polycarbonate. Reusable mat filter. Gaskets are recommended for installation.						





Semiconductor Control Panel Heater

Features

Designed to protect electronic, pneumatic, hydraulic and mechanical equipment requiring protection from low temperatures, condensation and corrosion. The PTC heater unit will maintain a stable temperature environment within enclosures, allowing critical components to perform with consistent reliability for longer periods.

Installation

Mount unit at or near the bottom of the cabinet. Improved heat dissipation will be achieved by using two or more smaller heaters wired in parallel. If a technical requirement exists for a specific temperature, regardless of the external ambient temperature, a temperature regulator can be installed. It is recommended 2-3" spacing.

Caution

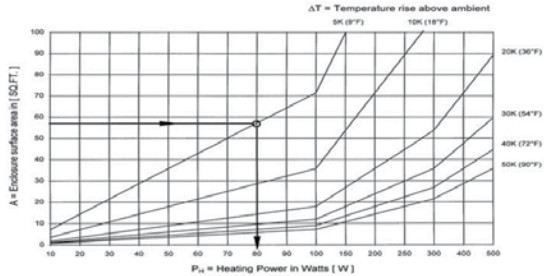
Do not mount on wooden structures.
Avoid placement near heat-sensitive components.

Technical Data

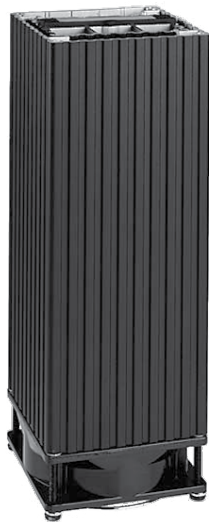
Voltage: AC 110-120 V
Heating Power: see chart
Heating Element: PTC (Positive Temperature Coefficient) self regulating and temperature limiting
Heating Body: Anodized extruded aluminum
Connection: SJT 3 x 18 AWG, Length 20"
Mounting: clip mounting for 1.375" rails
Protection Class: I (test voltage: 1250 V)
Protection: IP 54
Approval: UL recognized

HP45-15 Semiconductor Control Panel Heater	Heating Power (at 68°F)	Surface Temp. (approx.)	Starting Current (approx.)	Dimensions (H x W x D)	Weight (lbs.)
	15W	149°F	0.6A	2.6" x 2.8" x 2"	0.66
HP45-30 Semiconductor Control Panel Heater	Heating Power (at 68°F)	Surface Temp. (approx.)	Starting Current (approx.)	Dimensions (H x W x D)	Weight (lbs.)
	30W	167°F	1.2A	2.6" x 2.8" x 2"	0.66
HP45-50 Semiconductor Control Panel Heater	Heating Power (at 68°F)	Surface Temp. (approx.)	Starting Current (approx.)	Dimensions (H x W x D)	Weight (lbs.)
	50W	194°F	1.5A	5.5" x 2.8" x 2"	1.10
HP45-80 Semiconductor Control Panel Heater	Heating Power (at 68°F)	Surface Temp. (approx.)	Starting Current (approx.)	Dimensions (H x W x D)	Weight (lbs.)
	80W	203°F	2.0A	8.7" x 2.8" x 2"	1.76
HP45-100 Semiconductor Control Panel Heater	Heating Power (at 68°F)	Surface Temp. (approx.)	Starting Current (approx.)	Dimensions (H x W x D)	Weight (lbs.)
	100W	212°F	3.0A	8.7" x 2.8" x 2"	1.76

The diagram represents a painted, noninsulated fiberglass enclosure mounted in a calm air, building interior. The lowest temperature differential between room temperature and cabinet interior must be 5K+ to prevent humidity and condensation. For outdoor applications, double the heating power requirement.



PH = Power required installed (W)
PV = Existing power from components (W)
 ΔT = Temperature differential (Kelvin) ambient to cabinet interior
A = Free-standing switch cabinet area (SQ. FT.)
k = Heat transmission coefficient (W/SQ. FT. K) convection in quiet air:
Plastic approx. 0.28W/SQ.FT.K
Painted steel approx. 0.51W/SQ.FT.K
Aluminum approx. 1.85W/SQ.FT.K



Heater Fan

Features

Heater-blower with axial fan for ideally forced air circulation
Compact design
Quick-clip mounting
Long service life
Maintenance free
Compact heating fan, prevents accumulation of condensation and ensures an even temperature in switch cabinets.

Technical Data

Voltage: AC 110-120 V, 50-60 Hz
Heating Power: see chart
Circulation Power: 1,236 ft³/h (35 m³/h) free blowing
Axial Fan: Ball bearing. Life expectancy: 30,000 hrs. at 68° F (20°C) ambient temperature
Heating Element: Micanite with fail-safe thermostat
Heating Body: Anodized, extruded aluminum in black color
Connection: 3-pole terminal for AWG 12
Mounting: Clip mounting for 1.375" rails (35 mm DIN)
Protection Class: I
Protection: IP 20
Approvals: UL and C-UL (recognized)

HF250 Heater Fan	Heating Power	Surface Temp. (max.)	Current (approx.)	Dimensions (H x W x D)	Weight (lbs.)
	250W	167°F (75°C)	2.2 A	3.15" x 3.15" x 7"	2.1
HF400 Heater Fan	Heating Power	Surface Temp. (max.)	Current (approx.)	Dimensions (H x W x D)	Weight (lbs.)
	400W	167°F (75°C)	3.5 A	3.15" x 3.15" x 9.76"	2.9



Heating Attachment

Features

Flat heater surface combined with an axial fan produces optimum forced convection of hot air.
The heating attachment in combination with the axial fan ensures an optimum heat distribution. In case of fan breakdown, overheating will be prevented by a failsafe thermostat.
Temperature-limiting
Compact design

Technical Data

Voltage: AC 115 V, 50-60 Hz
Heating Power: see chart
Heating Body: Anodized extruded aluminum
Connection: 3-pole terminal for AWG 15 (1.5 mm2)
Protection: IP 54
Approvals: UL (recognized)

HA200-115 Heating Attachment	Heating Power	Current (approx.)	Dimensions (H x W x D)	Weight (lbs.)
	200 W	1.75 A	6.3" x 4.7" x 1"	1.1
HA200-230 Heating Attachment	Heating Power	Current (approx.)	Dimensions (H x W x D)	Weight (lbs.)
	200 W	0.9 A	6.3" x 4.7" x 1"	1.1



Thermostat

Features

Easy installation
Wide adjustment range
Small dimensions
Thermostat NC for the control of heaters/Thermostat NO for the control of filter ventilators, or for switching signal transmitters in the case of overheating.

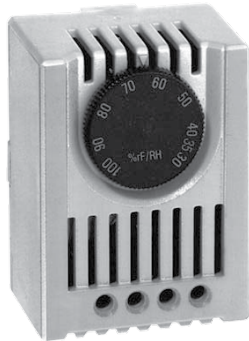
Applications

Air temperature control and monitoring in switch-gear cabinets
Heaters, filter ventilators, heat exchangers, signal transmitters

Technical Data

Sensor element: thermostatic bi-metal
Adjustment range: 30 - 140° F, switching difference approx. 4 K
Noise suppression: "N" (acc. to VDE 0875)
Connections: 2-pole terminal for AWG 14 (0.04 in2)
Mounting: clip mounting for 1.375" rails (35 mm DIN)
Housing: plastic UL 94 VO
Protection: IP 30
Approval: UL and C-UL (recognized)

VESNC Normally Closed Thermostat	Contact Type	Switching Capacity	Dimensions (H x W x D)	Weight (oz.)
	NC quick-acting contact	NC: 15 A (1) AC 120 V	2.4" x 1.3" x 1.4"	1.27
VESNO Normally Closed Thermostat	Contact Type	Switching Capacity	Dimensions (H x W x D)	Weight (oz.)
	NO quick-acting contact	NO: 15 A (1) AC 120 V	2.4" x 1.3" x 1.4"	1.27



Part Number: MFR-012

Humidity Control

Features

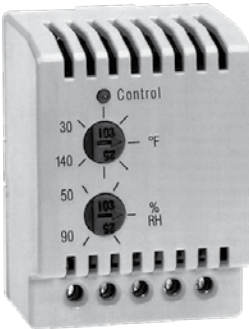
Designed for the control of heaters to increase the dew point at critical humidities of 65% RH or higher. This will decrease condensation; thus preventing corrosion and greatly extending the life expectancy of components.

Applications

Control panels and enclosures
ATM machines
Tool cabinets
Control systems
Indicator panels

Technical Data

Adjustment range: 35 - 100% RH
Tolerance: + 3% RH
Hysteresis: approx. 4% RH (at 50% RH)
Permittable temperature: 32 - 140° F (0-60° C)
Type of contact: change-over
Maximum switching capacity: AC 230 V/5 A (resistive load), AC 230 V/0.2 A (inductive load), DC 50 V/1A (inductive load)
Minimum load: AC/DC 20 V . 100 mA
Service life/Life expectancy: 50,000 cycles (at AC 230 V / 5 A)
Sensing element: synthetic fibers
Protection: IP 20
Noise suppression: "N" (acc. to VDE 0875)
Connections: 4-pole terminal, 2.5 mm²
Mounting: clip mounting for 1.375" rails (35 mm DIN Rails) (EN50022)
Dimensions: 2.64" x 1.97" x 1.5"
Housing: plastic UL 94 VO
Weight: 0.22 lb. (0.1 kg)
Approval: UL recognized



Part Number: ETHC-115

Electronic Humidity Control and Temperature Controller

Features

Electronic temperature controller and humidity controller for the independent detection of relative humidity and temperature.
Temperature and humidity are independently adjustable
High-switching capacity
Optical indication of function
The electronic temperature controller and hygrostat detects the set temperature and humidity of the ambient air, switching resistive and inductive loads (e.g. heating or cooling appliances).

Technical Data

Temperature range: 32 - 140° F (0-60° C)
Hysteresis: approximately 2K
Humidity range: 50-90% relative humidity, adjustable
Response time: approximately 160 seconds
Connected voltage: 115 V/50-60 Hz
Relay output: change-over contact, AC 8 A (4) 115 V, DC 0,5 A/100 V
DC 8 A/12 V, DC 5 A/35 V
Service life: 10⁵ cycles
Optical indication of function: LED
Mounting: clip mounting for 35 mm DIN and EN50022 rails
Housing: plastic UL 94VO
Dimensions: 2" x 2.65" x 1.7"
Mounting: clip mounting for 1.375" rails (35 mm DIN Rails) (EN50022)
Dimensions: 2.64" x 1.97" x 1.5"
Weight: 0.3 lb.
Weight: 0.22 lb. (0.1 kg)
Protection: IP 30

Carlton

C2016A4	AN2016
C2016B4	AN2016
C2016C4	AN2820
C2420A4	AN2820
C2420B4	AN2820
C2420C4	AN2820
C3024A4	AN3325
C3024B4	AN3325
C3024C4	AN3325
CC1085	CVJ1008HW
CC12106	CVJ1210HW
CC14126	CVJ1412HW
CC16147	CVJ1614HW
CC665	CVJ606HW
CC863	CVJ806HW
CJ1085	VJ1008HW
CJ12106	RVJ1210HW
CJ14126	RVJ1412HW
CJ16147	RVJ1614HW
CJ665	VJ606HW
CJ863	VJ806HW
CP100N	VM433
CP100NB	VM433-PBS1
CP200N	VM733
CP200NB	VM533-PBS2
CP300N	VM933
CP300NB	VM733-PBS3
CS1085	VJ1008W
CS12106	RVJ1210W
CS14126	RVJ1412W
CS16147	RVJ1614W
CS665	VJ606W
CS863	VJ806W
CV1085	RVJB1008W
CV12106	RVJB1210W
CV14126	RVJB1412W
CV16147	RVJB1614W
CV665	CVJ606W
CV863	CVJ806W
HC1612B	ANG1612
HC2016B	ANG2016
HC2416C	ANG2416
HC3020D	ANG2820
HC3325D	ANG3325
HE1194	VJ1210W

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HE12105	VJ1210W
HE1210C	CVJ1210W
HE14114	VJ1412W
HE1411C	CVJ1412W
HE432	VM433
HL40402	PS4040A
HL40502	PS4050/2A
HL5020	PS5030A
HL50202	PS5030A
HL5030	PS5030A
HL50302	PS5030A
HL5040	PS5040/2A
HE432C	VM533CT
HE443	VM553
HE443C	VM553CT
HE533	VM533
HE533C	VM533C
HE743	VM753
HE743C	VM753CT
HE974	VJ1008W
HE947C	CVJ1008W
HEH119	CVJ1210W
HH11A7	A41-1212E1H
HH11A7C	A41-1212E1DTH
HH11A9	A41-1212E2H
HH11A9C	A41-1212E2DTH
HH11B7	A71-1412E1H
HH11B7C	A71-1412E1DTH
HH11B9C	A71-1412E2DTH
HH11B9C	A71-1412E2H
HH11C7	A81-2212E1H
HH11C7C	A81-2212DTH
HH11C9	A81-2212E1H
HH11C9C	A81-2212E1CTH
HH15B7	A11-2414E1H
HH15B7C	A11-2414DTH
HH15C7	A11-2414E1H
HH15C7C	A11-2414CTH
HH15C9	A11-2414E1H
HH15C9C	A11-2414E1CTH
HH15D9	AN2820
HH15D9C	ANG2820
HH21C7	A12-2424E1H
HH21C7C	A12-2424CTH
HH21C9	A12-2424E1H

HH21C9C	A12-2424E1CTH
HH21D9	AN2820
HH21D9C	ANG2820
HH7A7	A31-1207E1H
HH7A7C	A31-1207E1DT
HL2020	PS2030A
HL2030	PS2030A
HL3020	PS3020A
HL3030	PS3030A
HL3040	PS3040A
HL30402	PS3040A
HL30502	PS5030A
HL4020	PS4030A
HL40202	PS4030A
HL4030	PS4030A
HL40302	PS4050A
HL4040	PS4040A
NC1086	RVJB1008W
NC12106	RVJB1210W
NC12126	RVJB1412W
NC14126	RVJ1412W
NC16146	RVJB1614W
NC644	CVJ606W
NC664	CVJ606W
HL40402	PS4040A
HL40502	PS4050/2A
HL5020	PS5030A
HL50202	PS5030A
HL5030	PS5030A
HL50302	PS5030A
HL5040	PS5040/2A
HL50402	PS5040/2A
HP1612B	AN1612
HP2016B	AN2016
HP2416C	AN2416
HP3020D	AN2820
HP3325D	AN3325
HS11A7	A41-1212E1
HS11A7C	A41-1212E1CT
HS11A9	A41-1212E2
HS11A9C	A41-1212E2CT
HS11B7	A71-1412E1
HS11B7C	A71-1412E1CT
HS11B9	A71-1412E2
HS11B9C	A71-1412E2CT



Carlton	Vynckier
HS11C7	A81-2212E1
HS11C7C	A81-2212CT
HS11C9	A81-2212E2
HS11C9C	A81-2212E1CT
HS15B7	A11-2414E1
HS15B7C	A11-2414CT
HS15C7	A11-2414E1
HS15C7C	A11-2414CT
HS15C9	A11-2414E2
HS15C9C	A11-2414E1CT
HS15D9	AN2820
HS15D9C	ANG2820
HS21C7	A12-2424E1
HS21C7C	A12-2424CT
HS21C9	A12-2424E2
HS21D9	AN2820
HS21D9C	ANG2820
HS7A7	A31-1207E1
HS7A7C	A31-1207E1CT
J1085P	VJ1008HW 9PB
J1085W	VJB1008HW
J12106P	RVJ1210HW 12PB
J12106W	RVJB1210HW
J14126P	RVJ1412HW 20PB
J14126W	RVJB1412HW
J16147P	RVJ1614HW 25PB
J16147W	RVJB1614HW
J665P	VJ606HW 4PB
J665W	VJB606HW
NM1084	CVJ1008HWPL1
NM1086	RVJB1008HWPL1
NM12106	RVJB1210HWPL2
NM12126	RVJB1412HWPL2
NM14126	RVJB1412HWPL2
NM16146	RVJB1614HWPL2
NM644	CVJ606HWPL1
HL50402	PS5040/2A
HP1612B	AN1612
HP2016B	AN2016
HP2416C	AN2416
HP3020D	AN2820
HP3325D	AN3325
HS11A7	A41-1212E1
HS11A7C	A41-1212E1CT
HS11A9	A41-1212E2

HS11A9C	A41-1212E2CT
HS11B7	A71-1412E1
HS11B7C	A71-1412E1CT
HS11B9	A71-1412E2
HS11B9C	A71-1412E2CT
HS11C7	A81-2212E1
HS11C7C	A81-2212CT
HS11C9	A81-2212E2
HS11C9C	A81-2212E1CT
HS15B7	A11-2414E1
HS15B7C	A11-2414CT
HS15C7	A11-2414E1
HS15C7C	A11-2414CT
HS15C9	A11-2414E2
HS15C9C	A11-2414E1CT
HS15D9	AN2820
HS15D9C	ANG2820
HS21C7	A12-2424E1
HS21C7C	A12-2424CT
HS21C9	A12-2424E2
HS21D9	AN2820
HS21D9C	ANG2820
HS7A7	A31-1207E1
HS7A7C	A31-1207E1CT
J1085P	VJ1008HW 9PB
J1085W	VJB1008HW
J12106P	RVJ1210HW 12PB
J12106W	RVJB1210HW
J14126P	RVJ1412HW 20PB
J1426W	RVJB1412HW
J16147P	RVJ1614HW 25PB
J16147W	RVJB1614HW
J665P	VJ606HW 4PB
J665W	VJB606HW
J863P	VJ806HW 6PB
J863W	VJP806HW
NC10106	RVJB1210W
NC1084	CVJ1008W
NC864	CVJ806W
NC884	CVJ1008W
NH10106	RVJ1210HW
NH1084	VJ1008HW
NH1086	RVJ1008HW
NH12106	RVJ1210HW
NH12126	VJ1412HW

NH14126	VJ1412HW
NH16146	VJ1614HW
NH644	VJ606HW
NH664	VJ606HW
NH864	VJ806HW
NH884	VJ1008HW
NI10106	RVJB1210HW
NI1084	CVJ1008HW
NI1086	RVJB1008HW
NI12106	RVJB1210HW
NI12126	RVJB1412HW
NI14126	RVJB1412HW
NI16146	RVJB1614HW
NI644	CVJ606HW
NI664	CVJ606HW
NI864	CVJ806HW
NI884	CVJ1008HW
NJ10106	VJ1210HW
NJ1084	VJ1008HW
NJ1086	RVJ1210HW
NJ12106	RVJ1210HW
NJ12126	RVJ1412HW
NJ14126	RVJ1412HW
NJ16146	RVJ1614HW
NJ644	VJ606HW
NJ664	VJ606HW
NJ864	VJ806HW
NJ884	VJ1008HW
NL10106	RVJ1210HWPL2
NL1084	VJ1008NHWPL1
NL1086	RVJ1008NHWPL1
NL12106	RVJ1210NHWPL2
NL12126	RVJ1210NHWPL2
NL14126	VJ1412NHWPL2
NL16146	VJ1614NHWPL2
NL644	VJ606NHWPL1
NL664	VJ606NHWPL1
NL864	VJ806NHWPL1
NL884	VJ1008NHWPL1
NM10106	RVJB1210HWPL2
NM664	CVJ606HWPL1
NM864	CVJ806HWPL1
NM884	CVJ1008HWPL1
NP10106	RVJ1210HWPL2
NP1084	VJ1008HWPL1

Carlton	Vynckier
NP1086	RVJ1008HWPL1
NP12106	RVJ1210HWPL2
NP12126	VJ1412HWPL2
NP14126	VJ1412HWPL2
NP16146	VJ1614HWPL2
NP644	VJ606HWPL1
NP664	VJ606HWPL1
NP864	VJ806HWPL1
NP884	VJ806HWPL1
NR10106	RVJB1210HWPL2
NR1084	CVJ1008HWPL1
NR1086	RVJB1008HWPL1
NR12106	RVJB1210HWPL2
NR12126	RVJB1412HWPL2
NR14126	RVJB1412HWPL2
NR16146	RVJB1614HWPL2
NR644	CVJ606HWPL1
NR664	CVJ606HWPL1
NR864	CVJ806HWPL1
NR884	CVJ1008HWPL1
NS10106	RVJ1210W
NS1084	VJ1008W
NS1086	RVJ1008W
NS12106	RVJ1210W
NS12126	RVJ1412W
NS14126	RVJ1412W
NS16146	RVJ1614W
NS644	VJ606W
NS664	VJ606W
NS864	VJ806W
NS884	VJ1008W
NV10106	RVJB1210W
NV1084	CVJ1008W
NV1086	RVJB1008W
NV12106	RVJB1210W
NV12126	RVJB1412W
NV14126	RVJB1412W
NV16146	RVJB1614W
NV644	CVJ606W
NV664	CVJ606W
NV864	CVJ806W
NV884	CVJ1008W

Hoffman	Vynckier
A-1066JFGQRPWR	VJB1008HWPL1
A-1066JFGQRR	VJ1008HWPL1
A-1066JFGR	VJ1008W
A-1086CHQRFEG	VJ1008HWPL1
A-1086CHQRFEGW	VJB1008HWPL1
A-24H2416GQRLP	PS3030A
A-30H2406GQRLP	AN3325
A-30H2408GQRLP	AN3325
A-30H2410GQRLP	AN3325
A-30H2412GQRLP	AN3325
A-30H2416GQRLP	AN3325
Q-181310PCE	VM754
Q-181310PCECC	VM754CT
Q-181313PCE	VM755
Q-181313PCECC	VM755CT
Q-181315ABE	VM755
A-1086CHSCFG	VJ1008W
A-1086CHSCFGW	VJB1008W
A-12106CHQRFEG	VJ1210HWPL2
A-12106CHQRFEGW	VJB1210HWPL2
A-12106CHSCFG	VJ1210W
A-12106CHSCFGW	VJB1210W
A-1287JFGQRPWR	VJB1210HWPL2
A-1287JFGQRR	VJ1210HWPL2
A-1287JFGR	VJ1210W
A-14107JFGQRPWR	VJB1412HWPL2
A-14107JFGQRR	VJ1412HWPL2
A-14107JFGR	VJ1412W
A-14128CHQRFEG	VJ1412HWPL2
A-14128CHQRFEGW	VJB1412HWPL2
A-14128CHSCFG	VJ1412W
A-14128CHSCFGW	VJB1412W
A-16128JFGQRPWR	VJB1614HWPL2
A-16128JFGQRR	VJ1614HWPL2
A-16128JFGR	VJ1614W
A-16148CHQRFEG	VJ1614HWPL2
A-16148CHQRFEGW	VJB1614HWPL2
A-16148CHSCFG	VJ1614W
A-16148CHSCFGW	VJB1614W
A-18149JFGQRPWR	VJB1816HWPL2
A-18149JFGQRR	VJ1816HWPL2
A-18149JFGR	VJ1816W
A-181610CHQRFEG	VJ1816HWPL2
A-181610CHQRFEGW	VJB1816HWPL2
A-181610CHSCFG	VJ1816W
A-181610CHSCFGW	VJB1816W

A-20H1606GQRLP	AN2016
A-20H1608GQRLP	AN2016
A-20H1610GQRLP	AN2016
A-20H1612GQRLP	AN2820
A-20H2006GQRLP	AN2416
A-20H2008GQRLP	AN2416
A-20H2010GQRLP	AN2820
A-20H2012GQRLP	AN2820
A-24H2006GQRLP	AN2820
A-24H2008GQRLP	AN2820
A-24H2010GQRLP	AN2416
A-24H2012GQRLP	AN2820
A-24H2016GQRLP	PS3020A
A-24H2408GQRLP	AN3325
A-24H2412GQRLP	AN3325
Q-402013PCI	A71-1412
Q-402013PCICC	A71-1412CT
Q-402018ABI	A71-1412
Q-402018PCI	A71-1412
Q-402018PCICC	A71-1412CT
Q-403013ABI	A51-1912
Q-403013PCI	A51-1912
Q-403018ABI	A81-2212
Q-403018PCI	A81-2212
Q-403018PCICC	A81-2212CT
A-30H2416GQRLP	PS3030A
A-36H3008GQRLP	AN4032
A-36H3012GQRLP	AN4032
A-36H3612GQRLP	PS4040A
A-48H3612GQRLP	PS5040/2A
A-60H3612GQRLP	(2) PS3040 Cop H
A-645JFGQRR	VJ606HWPL1
A-645JFGR	VJ606W
A-664CHQRFEG	VJ606HWPL1
A-664CHQRFEGW	VJB606HWPL1
A-664CHSCFG	VJ606W
A-664CHSCFGW	VJB606W
A-845JFGQRR	VJ806HWPL1
A-845JFGR	VJ806W
A-864CHQRFEG	VJ806HWPL1
A-864CHQRFEGW	VJB806HWPL1
A-864CHSCFG	VJ806W
A-864CHSCFGW	VJB806W
A-865JFGQPWR	VJB806HWPL1
A-865JFGQRR	VJ806HWPL1



Hoffman	Vynckier
A-865JFGR	VJ806W
Q-1286PCD	VM533
Q-1286PCDCC	VM533CT
Q-1289PCD	VM533
Q-1289PCDCC	VM533CT
Q-131310ABE	VM534
Q-131310PCE	VM534
Q-131310PCECC	VM534CT
Q-131313PCE	VM554
Q-131313PCECC	VM554CT
Q-13138PCE	VM553
Q-13138PCECC	VM553CT
Q-13810ABE	VM534
Q-13810PCE	VM534
Q-13810PCECC	VM534
Q-13813PCE	VM534
Q-13813PCECC	VM534CT
Q-1388PCE	VM533
Q-1388PCECC	VM533CT
Q-16129PCD	VM753
Q-16129PCDCC	VM753CT
Q-1686PCD	VM733
Q-1689PCD	VM733
Q-1689PCD	VM733
Q-886PCD	VM433
U-U1008030	AN4032
U-U1008030W	ANG4032
U-U504020	AN2016
Q-303018PCICC	A41-1212E1CT
Q-402013ABI	A71-1412
U-U606020	AN3325
U-U606020W	ANG3325
U-U606030	AN3325
U-U606030W	ANG3325
U-U606040	PS3030A
U-U606040W	PSG3030A
U-U756030	AN3325
U-U756030W	ANG3325
U-U756040	PS3030A
U-U756040W	PSG3030A

Stahlin	Vynckier
CF1PB	VM433-PBS1
CF1PB22	VM433-PBM1
CF2PB	VM733-PBS2
CF2PB22	VM433-PBM2
CF332	VM433
CF3PB	VM933-PBS3
CF3PB22	VM733-PBM3
CF4PB	VM775-PBS4
CF4PB22	VM933-PBM4
CF532	VM533
CF644	VM733
CF6PB22	VM755-PBM6
CF832	VM933
CF844	VM933
CF932	VM933
F12PBW	VJ1008PB12
F16PBW	VJ1210PB16
F20PBW	VJ1210PB20
F25PBW	VJ1412PB25
F4PBW	VJ606BP4
F6PBW	VJ806PB6
F763	VM773
F9PBW	VJ1008PB9
J1008FHW	VJ1008NHW
J1008FHWA	VJ1008NHWPL1
J1008FHWA	VJ1008NHWLL1
J1008HLL	VJ1008HWLL1
J1008HPL	VJ1008HWPL1
J1008HW	VJ1008HW
J1008W	VJ1008W
J1210FHW	VJ1210NHW
J1210FHWA	VJ1210NHWPL2
J1210FHWA	VJ1210NHWLL2
J1210HLL	VJ1210HWLL2
J1210HPL	VJ1210HWPL2
J1210HW	VJ1210HW
J1210W	VJ1210W
J1412FHW	VJ1412NHW
J1412FHWA	VJ1412NHWPL2
J1412FHWA	VJ1412NHWPL2
J1412FHW	VJ1412NHW
J1412FHWA	VJ1412NHWLL2
N30247WT	AN3325
N363010WT	PS4030A
N363012WT	PS4030A

N363016WT	PS4030E1A
N363023WT	PS4030E1A
N36308WT	PS4030A
J1412HLL	VJ1412HWLL2
J1412HPL	VJ1412HWPL2
J1412HW	VJ1412HW
J1412W	VJ1412W
J1614FHW	VJ1614NHW
J1614FHWA	VJ1614NHWPL2
J1614FHWA	VJ1614NHWLL2
J1614HLL	VJ1614HWLL2
J1614HPL	VJ1614HWPL2
J1614HW	VJ1614HW
J1614W	VJ1614W
J1816FHW	VJ1816NHW
J1816FHWA	VJ1816NHWPL2
J1816FHWA	VJ1816NHWLL2
J1816HLL	VJ1816HWLL2
J1816HPL	VJ1816HWPL2
J1816HW	VJ1816HW
J1816W	VJ1816W
J606FHW	VJ606NHW
J606FHWA	VJ606NHWPL1
J606FHWA	VJ606NHWLL1
J606HLL	VJ606HWLL1
J606HPL	VJ606HWPL1
J606HW	VJ606HW
J606W	VJ606W
J806FHW	VJ806NHW
J806FHWA	VJ806NHWPL1
J806FHWA	VJ806NHWLL1
J806HLL	VJ806HWLL1
J806HPL	VJ806HWPL1
J806HW	VJ806HW
J806W	VJ806W
JW1008FHW	VJB1008NHW
JW1008FHWA	VJB1008NHWPL1
A-30H2416GQRLP	PS3030A
A-36H3008GQRLP	AN4032
A-36H3012GQRLP	AN4032
A-36H3612GQRLP	PS4040A
A-48H3612GQRLP	PS5040/2A
A-60H3612GQRLP	(2) PS3040 Cop H
A-645JFGQRR	VJ606HWPL1
A-645JFGR	VJ606W

Stahlin	Vynckier
A-664CHQRFGR	VJ606HWPL1
A-664CHQRFGRW	VJB606HWPL1
A-664CHSCFG	VJ606W
A-664CHSCFGW	VJB606W
A-845JFGQRR	VJ806HWPL1
A-845JFGR	VJ806W
A-864CHQRFGR	VJ806HWPL1
A-864CHQRFGRW	VJB806HWPL1
A-864CHSCFG	VJ806W
A-864CHSCFGW	VJB806W
A-865JFGQPWR	VJB806HWPL1
A-865JFGQRR	VJ806HWPL1
A-865JFGR	VJ806W
Q-1286PCD	VM533
Q-1286PCDCC	VM533CT
Q-1289PCD	VM533
Q-1289PCDCC	VM533CT
Q-131310ABE	VM534
Q-131310PCE	VM534
Q-131310PCECC	VM534CT
Q-131313PCE	VM554
Q-131313PCECC	VM554CT
Q-13138PCE	VM553
Q-13138PCECC	VM553CT
Q-13810ABE	VM534
Q-13810PCE	VM534
Q-13810PCECC	VM534
Q-13813PCE	VM534
Q-13813PCECC	VM534CT
Q-1388PCE	VM533
Q-1388PCECC	VM533CT
Q-16129PCD	VM753
Q-16129PCDCC	VM753CT
Q-1686PCD	VM733
Q-1689PCD	VM733
Q-1689PCD	VM733
Q-886PCD	VM433
U-U1008030	AN4032
U-U1008030W	ANG4032
U-U504020	AN2016
U-U504020W	ANG2016
U-U504030	AN2016
U-U504030W	ANG2016
U-U605025	AN2820

U-U605025W	ANG2820
Q-181315PCE	VM755
Q-181315PCECC	VM755CT
Q-18138PCE	VM753
Q-18138PCECC	VM753CT
Q-181810ABE	VM774
Q-181810PCE	VM774
Q-181810PCECC	VM774CT
Q-181813PCE	VM775
Q-181813PCECC	VM775CT
Q-181815ABE	VM776
Q-181815PCE	VM776
Q-181815PCECC	VM776CT
Q-18188PCE	VM773
Q-18188PCECC	VM773CT
Q-20129PCD	VM754
Q-20129PCDCC	VM754CT
Q-202013ABI	A1-706
Q-202013PCI	A1-706
Q-202013PCICC	A1-706CT
Q-202018ABI	A1-706E1
Q-202018PCI	A1-706E1
Q-202018PCICC	A1-706E1CT
Q-24169PCD	S55300
Q-24169PCDCC	S55300C
Q-251810ABE	A31-1207
Q-251810PCE	A31-1207
Q-251810PCECC	A31-1207CT
Q-251815ABE	A31-1207E1
Q-251815PCE	A31-1207E1
Q-251815PCECC	A31-1207E1CT
Q-25188PCE	A31-1207
Q-25188PCECC	A31-1207CT
Q-302013ABI	A31-1207
Q-302013PCI	A31-1207
Q-302013PCICC	A31-1207CT
Q-302018ABI	A31-1207E1
Q-302018PCI	A31-1207E1
Q-302018PCICC	A31-1207E1CT
Q-303013ABI	A41-1212
Q-303013PCI	A41-1212
Q-303013PCICC	A41-1212CT
Q-303018ABI	A41-1212E1
Q-303018PCI	A41-1212E1
Q-303018PCICC	A41-1212E1CT

Q-402013ABI	A71-1412
U-U606020	AN3325
U-U606020W	ANG3325
U-U606030	AN3325
U-U606030W	ANG3325
U-U606040	PS3030A
U-U606040W	PSG3030A
U-U756030	AN3325
U-U756030W	ANG3325
U-U756040	PS3030A
U-U756040W	PSG3030A
CF1PB	VM433-PBS1
CF1PB22	VM433-PBM1
CF2PB	VM733-PBS2
CF2PB22	VM433-PBM2
CF332	VM433
CF3PB	VM933-PBS3
CF3PB22	VM733-PBM3
CF4PB	VM775-PBS4
CF4PB22	VM933-PBM4
CF532	VM533
CF644	VM733
CF6PB22	VM755-PBM6
CF832	VM933
CF844	VM933
CF932	VM933
F12PBW	VJ1008PB12
F16PBW	VJ1210PB16
F20PBW	VJ1210PB20
F25PBW	VJ1412PB25
F4PBW	VJ606BP4
F6PBW	VJ806PB6
F763	VM773
F9PBW	VJ1008PB9
J1008FHW	VJ1008NHW
J1008FHWA	VJ1008NHWPL1
J1008FHWA	VJ1008NHWLL1
J1008HLL	VJ1008HWLL1
J1008HPL	VJ1008HWPL1
J1008HW	VJ1008HW
J1210FHW	VJ1210NHW
J1210FHWA	VJ1210NHWPL2



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ENCLOSURE SYSTEMS INC.

VYNCKIER ENCLOSURE SYSTEMS, INC. TERMS AND CONDITIONS OF SALE

1. WARRANTIES: Seller warrants to Buyer that products and any services furnished hereunder will be free from defects in material, workmanship and title and will be of the kind and quality specified in Seller's written quotation. The foregoing shall apply only to failures to meet said warranties (excluding any defects in title) which appear within one year from the date of shipment hereunder; provided, however, that if Buyer, in the course of its regular and usual business, transfers title to or leases such products (including equipment incorporating such products) to a third party, such period shall run until one year from such transfer or lease or eighteen months from shipment by Seller, whichever occurs first.

The conditions of any tests shall be mutually agreed upon and Seller shall be notified of, and may be represented at, all tests that may be made. The warranties and remedies set forth herein are conditioned upon (a) proper storage, installation, use and maintenance, and conformance with any applicable recommendations of Seller and (b) Buyer promptly notifying Seller of any defects and, if required, promptly making the product available for correction.

If any product of service fails to meet the foregoing warranties (except title), Seller shall thereupon correct any such failure either at its option, (i) by repairing any defective or damaged part or parts of the products, or (ii) by making available, F.O.B. Seller's plant or other point of shipment, any necessary repaired or replacement parts. Where a failure cannot be corrected by Seller's reasonable efforts, the parties will negotiate an equitable adjustment in price.

The preceding paragraph sets forth the exclusive remedies for claims (except as to title) based on defect in or failure of products or services; whether the claim is in contract, indemnity, warranty, tort (including Seller's negligence), strict liability or otherwise and however instituted. Upon the expiration of the warranty period, all such liability shall terminate and Buyer shall have a reasonable time, within thirty days after the warranty period, to give written notice of any defects which appeared during the warranty period. Except as set forth in Article 2, "Patents," the foregoing warranties are exclusive and in lieu of all other warranties, whether written, oral, implied or statutory. NO IMPLIED STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE SHALL APPLY. Seller does not warrant any products or services of others which Buyer has designated.

2. PATENTS: (a) Subject to the provisions of this Article, Seller warrants that products furnished hereunder, and any part thereof, shall be delivered free of any rightful claim of any third party for infringement of any United States patent. If notified promptly in writing and given authority, information and assistance, and contingent upon Buyer not taking any position adverse to Seller in connection with such claim, Seller shall defend, or may settle, at its expense, any suit of proceeding against Buyer so far as based on a claimed infringement which would result in a breach of this warranty and Seller shall pay all damages and costs awarded therein against Buyer due to such breach. In case any product or part thereof is in such suit held to constitute such an infringement and the use for the purpose intended of said product of part is enjoined, Seller shall, at its expense and option, either procure for Buyer the right to continue using said product or part, or replace same with a non-infringing product or part, or modify same so it becomes non-infringing, or remove the product and refund the purchase price (less reasonable depreciation for any period of use) and any transportation costs separately paid by Buyer. The foregoing states the entire liability of Seller for patent infringement by said products or any part thereof.

(b) The preceding paragraph shall not apply to any product or part specified by Buyer or manufactured to Buyer's design, or to the use of any product furnished hereunder in conjunction with any other product in a combination not furnished by Seller as a part of this product in a combination not furnished by Seller as a part of this transaction. As to any such product, part, or use in combination, Seller assumes no liability whatsoever for patent infringement and Buyer will hold Seller harmless against any infringement claims arising therefrom.

3. DELIVERY, TITLE AND RISK OF LOSS: Delivery dates are approximate and are based upon prompt receipt of all necessary information from Buyer. Unless otherwise specified by Seller, delivery will be made and title will pass F.O.B. point of shipment to Buyer. Risks of loss or damage pass to Buyer on delivery.

4. EXCUSABLE DELAYS: Seller shall not be liable for delays in delivery or performance, or for failure to manufacture,

deliver or perform, due to (i) a cause beyond its reasonable control, or (ii) an act of God, act of Buyer, act of civil or military authority, Governmental priority, strike or other labor disturbance, flood, epidemic, war, riot, delay in transportation or car shortage, or (iii) inability on account of a cause beyond the reasonable control of Seller to obtain necessary materials, components, services or facilities. Seller will notify Buyer promptly of any material delay excused by this Article, and will specify the revised delivery date as soon as practicable. In the event of such delay, there will be no termination and the date of delivery or of performance shall be extended for a period equal to the time lost by reason of delay. In the event of an unexcused and material delay, the parties will mutually agree to an equitable solution.

5. PAYMENTS AND FINANCIAL CONDITION: Except to the extent otherwise specified by the Seller in its quotation, pro rata payments shall become due without setoff as shipments are made. If Seller consents to delay shipments after completion of any product, payment shall become due on the date when Seller is prepared to make shipment. In the event of any such delay, title shall pass and products shall be held at Buyer's risk and expense. Any order for products by Buyer shall constitute a representation that Buyer is solvent. In addition, upon Seller's request, Buyer will furnish a written representation concerning its solvency at any time prior to shipment.

If Buyer's financial condition at any time does not justify a continuance of the work to be performed by Seller hereunder on the agreed terms of payments, Seller may require full or partial payment in advance. In the event of Buyer's bankruptcy or insolvency or in the event any proceeding is brought against Buyer, voluntarily or involuntarily, under the bankruptcy or any insolvency laws, Seller shall be entitled to cancel any order then outstanding at any time during the period allowed for filing claims against the estate and shall receive reimbursement for its proper cancellation charges. Seller's rights under this Article are in addition to all rights available to it at law or in equity.

6. DISCLOSURE OF INFORMATION: Any information, suggestions or ideas transmitted by Buyer to Seller in connection with performance hereunder are not to be regarded as secret or submitted in confidence except as may be otherwise provided in writing signed by a duly authorized representative of Seller.

7. TAXES: In addition to any prices specified herein, Buyer shall pay the gross amount of any present or future sales, use, excise, value-added, or other similar taxes applicable to the price, sale or delivery of any products or services furnished hereunder or to their use by Seller or Buyer, or Buyer shall furnish Seller with evidence of exemption acceptable to the taxing authorities.

8. LIMITATIONS OF LIABILITY AND INDEMNITIES: (a) Subject to the other provisions of this Article, Seller agrees to indemnify and save harmless Buyer from and against any loss, expense or claim asserted by third parties for damage to third party tangible property, or for bodily injury, or both, arising out of the performance of this agreement, to the extent such damage or injury is attributable to the negligence of Seller; provided that Buyer gives Seller prompt notice of any such claim and all necessary information and assistance so that Seller, at its option, may defend or settle such claim and Buyer does not take any adverse position in connection with such claim. In the event that any such damage or injury is caused by the joint or concurrent negligence of Seller and Buyer, the loss, expense or claim shall be borne by Seller and Buyer in proportion to their negligence.

(b) Except as provided in Article 2, "Patents," in no event, whether as a result of breach of contract, indemnity warranty, tort (including Seller's negligence), strict liability or otherwise, shall Seller's liability to Buyer or its insures for any loss or damage arising out of, or resulting from this agreement, or from its performance or breach, or from the products or services furnished hereunder, exceed the price of the specific product or service which gives rise to the claim, and except as to title, any such liability shall terminate upon the expiration of the warranty period specified in Article 1, "Warranties." Any such claim of liability must be timely commenced in a court of competent jurisdiction in accordance with the applicable statute of limitations and/or of repose, but in no event later than one year from the termination of the warranty period.

(c) In no event, whether as a result of breach of contract, indemnity, warranty, tort (including Seller's negligence), strict liability or otherwise, shall Seller be liable for any special, consequential, incidental or penal damages including, but not limited to, loss of profit or revenues, loss of use of the products or any associated equipment, damage to associated equipment, cost of capital, cost of substitute products, facilities, services or replacement power, downtime costs, or claims of Buyer's customers for such damages. If the products or services being provided by Seller will be furnished by



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the Buyer to a third party by contract or otherwise or relate to a contract between the Buyer and a third party, the Buyer shall obtain from such third party a provision affording Seller the protection of this Article, except for paragraph (a).

(d) If Seller furnishes Buyer with advice or other assistance which concerns any product supplied hereunder or any system or equipment in which any such product may be installed and which is not required pursuant to this agreement, the furnishing of such advice or assistance will not subject Seller to any liability, whether in contract, indemnity, warranty, tort (including Seller's negligence), strict liability or otherwise. For the purposes of paragraphs (b), (c) and (d) of this Article, the term Seller includes the Seller's subcontractors and suppliers.

(e) Unless otherwise agreed in writing by a duly authorized representative of Seller, products sold hereunder are not intended for use in connection with any nuclear facility or activity. If so used, the provisions of the Rider for Nuclear Applications (below) will apply.

9. SOFTWARE: Software furnished pursuant to Seller's quotation shall be provided pursuant to Seller's standard software license agreement, the terms and conditions of which shall take precedence over these conditions of sale with respect to the provision of such software.

10. GENERAL: Any products delivered by Seller hereunder will be produced in compliance with the Fair Labor Standards Act of 1938, as amended and applicable. Seller will comply with applicable federal, state and local laws and regulations as of the date of any quotation which relate to (i) nonsegregated facilities and equal employment opportunity (including the seven paragraphs appearing in Section 202 of Executive Order 11246, as amended), (ii) workers' compensation, and (iii) the production in Seller's manufacturing facilities of products furnished hereunder, price and, if necessary, delivery will be equitably adjusted to compensate Seller for the cost of compliance with any other laws or regulations.

The delegation or assignment by Buyer of any or all of its duties or rights hereunder without Seller's prior written consent shall be void.

Any representation, warranty, course of dealing or trade usage not contained or referenced herein will not be binding on Seller. These Conditions of Sale contain the entire and only agreement between the Buyer and Seller respecting the terms and conditions and supersedes and cancels all previous negotiations, agreements, commitments, representations and writings in respect thereto. The Conditions of Sale may not be amended, supplemented, changed or modified in any manner, orally or otherwise, except by an instrument in writing of concurrent or subsequent date, signed by a duly authorized representative of each party.

The validity, performance and all matters relating to the interpretation and effect of this agreement and any amendment hereto shall be governed by the law of the State of New York, excluding its conflict of law rules. The invalidity, in whole or in part, of any of the articles or paragraphs in the conditions of sale will not affect the remainder of such article or paragraph or any other article or paragraph.

The provisions of this agreement are for the benefit of the parties hereto and not for any other person except as specifically provided herein.

RIDER FOR NUCLEAR APPLICATIONS: If any products sold hereunder are used in connection with any nuclear facility or activity, Seller and its suppliers shall have no liability to Buyer or its insurers for any nuclear damage or contamination, and Buyer shall indemnify Seller against any such liability, whether as a result of breach of contract, indemnity, warranty, tort (including Seller's negligence), strict liability or otherwise. The indemnity in Article 8 (a) above shall not apply to any damages or bodily injury, or both, arising out of a "nuclear incident," as that term is defined in the Atomic Energy Act of 1954, as amended (the "Act"). In addition, Buyer shall furnish financial protection as required by Section 170 of the Act, including an agreement of indemnification and/or nuclear liability insurance from ANI and MAELU, or both, pursuant to Section 170 of the Act, as applicable. Buyer shall not remove any items of equipment from the plant site or otherwise transfer any interest therein without first providing Seller with written assurance of limitation of and protection against liability (both nuclear and non-nuclear) following the proposed removal or transfer at least equivalent to that afforded to Seller and its suppliers under Article 8 above. Removal or transfer contrary to this provision shall, in addition to any other legal or equitable rights of Seller, make Buyer the indemnitor of Seller and its suppliers to the same extent that they would have been protected had no such removal or transfer taken place. Any Seller's material or equipment which becomes radioactive at the work site, shall, at Seller's option, be purchased by Buyer. Any nuclear decontamination necessary for Seller's performance (including warranty) shall be performed by

Buyer without cost to Seller.

11. PRICE: List price as provided in the most recent edition of the Vynckier price catalog.

12. PAYMENT TERMS: Net 30 days.

13. MINIMUM BILLING CHARGE: \$75.00 net plus transportation charges.

14. TRANSPORTATION: F.O.B. point of shipment, transportation allowed on individual order releases where total price equals or exceeds \$1850.00 net. On orders less than \$1850.00 net, transportation will be prepaid and charged.

15. ADDITION TO ORDERS: After original order is entered any additions will be treated as a new order.

16. CANCELLATIONS: The purchaser, subject to a cancellation charge which Vynckier deems reasonable to cover expenses incurred and commitments made by Vynckier, may cancel orders in writing. Special factory orders and modified products are subject to 100% cancellation charge.

17. RETURNS: Written authorization and shipping instructions for the return of any product must be obtained by the purchaser from Vynckier prior to returning. In cases where purchaser requests return authorization for reasons of his own, and Vynckier agrees to such returns, purchaser will be credited for 80% of the net value of the goods involved upon receipt by seller of goods in original cartons, of current design and in sellable condition (service code A). Purchaser will also be liable for any transportation charges paid by Vynckier. Goods may not be returned after ninety (90) days.

18. STOCK ROTATION: Stock rotation is permitted by recognized VES stocking distributors only, once per calendar year with prior written permission by a VES official or representative. Must be accompanied by an offsetting order of equal value, and prepaid freight is required. The returned material must be of current design of stock products (service code A), no more than 12 months old, and in complete resalable condition to avoid additional charges. A copy of the original invoice(s) must be provided for stock rotation approval. Maximum amount of stock rotation is 10% of annual enclosure purchases. Stock rotation policy excludes all non-standard product.

19. QUOTATIONS: Stock items shipped to distributor location will be billed at standard pricing and rebated to discounted pricing after shipment to quoted OEM, unless otherwise specified in written quotation. All quotations must be written and provided with a valid VES quotation number. Quotations are conditioned upon acceptance by purchaser within thirty (30) days from date issued.

Prices, discounts, terms and conditions subject to change without notice.

Unless otherwise specifically provided in writing, all sales are made F.O.B. point of shipment. On individual order releases where total price equals or exceeds \$1500.00, net transportation will be allowed to the common carrier free delivery point nearest to the first destination specified by purchaser within the Continental United States (excluding Alaska, Hawaii, Canal Zone and insular possessions) or to the port of export, as the case may be, provided the company is allowed to select the point of origin of shipment, routing and method of transportation. Purchaser may specify other means of transportation, in which case purchaser shall pay any cost thereof in excess of the company's estimate of the expense it would have incurred had the company specified the means of transportation. In no event will any transportation allowance be made if purchaser arranges transportation from point of shipment, nor will any transportation allowed include the cost of water freight, heavy lift charges, marine insurance or stevedoring.

NOTICE: Sale of any product and/or service is expressly conditioned on the buyer's assent to the additional or different terms contained in the Conditions of Sale, including any other terms in the seller's quotation. Any additional or different terms proposed by buyer are expressly objected to and will not be binding upon seller unless specifically assented to in writing by seller's authorized representative. Any order for, or any statement of intent to purchase hereunder, or any direction to perform work and seller's performance of work, shall constitute assent to seller's terms and conditions.