

FREESTANDING ENCLOSURES

FREESTANDING ENCLOSURES

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AK Freestanding Enclosures



AK Series NEMA Rated Freestanding Enclosures

Rittal's AK enclosures provide mid-size solutions for industrial applications. Rittal's AK Series features sturdy, unibody construction with a knife-edge perimeter to provide protection against dust and moisture.

Configuration

- NEMA 1 and 12, IP 55 or 56
- Foamed-on gaskets
- Maximum strength and stability through a welded unibody construction
- Stiffener/mounting frame on door
- Off-the-shelf availability
- E-coat primer and powder paint provide superior corrosion resistance
- Knife-edge design protects against liquid entry
- Integrated grounding provisions on all surfaces

Technical Specifications

- Material:**
- *Body:* 16 ga/1.5 mm sheet steel
 - *Door(s):* 14 ga/2 mm
 - *Mounting panel:* 11 ga/3 mm, hot-dipped galvanized zinc

- Finish/color:**
- *Body, door(s):* E-coat primed, powder painted, RAL 7032 pebble grey
 - *Mounting panel:* Type M

Protection Ratings

NEMA Type     
1 4 4X 12 13

Certifications/Approvals

Listings    
UL CUL CSA TÜV

Technical Drawings

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Enclosure				Mounting Panel									
Part No.	Approximate outside dimensions H"xW"xD"	NEMA rating	Number of doors	Exact outside dimensions						Dimensions			
				inches			mm			inches		mm	
				H	W	D	H	W	D	H	W	H	W
1646600	48x24x16	1, 12	1	47.24	23.62	15.75	1200	600	400	44.29	20.24	1125	514
1648600	48x32x16	1, 12	1	47.24	31.50	15.75	1200	800	400	44.29	28.11	1125	714
1650600	48x39x16	1, 12	1	47.24	39.37	15.75	1200	1000	400	44.29	35.39	1125	914
1652600	48x47x16	1, 12	2	47.24	47.24	15.75	1200	1200	400	44.29	43.86	1125	1114
1647600	56x39x16	1, 12	1	55.12	39.37	15.75	1400	1000	400	52.17	35.39	1325	914

Accessories						
Part No.	Base		Print pocket	Door switch	Handle	
	4" high	8" high			Ergoform-S	Pushbutton insert
1646600	2911200	2912200	2514000	4127000	2450000	2468000
1648600	2901200	2902200	2514000	4127000	2450000	2468000
1650600	2891200	2892200	2514000	4127000	2450000	2468000
1652600	2921200	2922200	2514000	4127000	2450000	2468000
1647600	2891200	2892200	2514000	4127000	2450000	2468000

AK/ES Freestanding Enclosures



AK Series NEMA Rated Freestanding Enclosures

Rittal's AK enclosures provide mid-size solutions for industrial applications. Rittal's AK Series features sturdy, uni-body construction with a knife-edge perimeter to provide protection against dust and moisture.

ES Series NEMA Rated Freestanding Enclosures

ES Series uni-body enclosures feature a removable rear wall and door and the same patented mounting hole pattern as Rittal's PS Series. Its 10-fold, cold rolled steel frame acts as a self-supporting structure and provides outstanding load capacity and rigidity. The ES provides a high-strength, high-value solution for virtually any freestanding application where modularity is not required.



For ES FMDC Enclosures, please see pages 42-43.

Enclosure										Mounting Panel			
Approximate outside dimensions H"xW"xD"	NEMA rating	Part No.	Number of doors	Exact outside dimensions						Dimensions			
				Inches			Millimeters			Inches		Millimeters	
				H	W	D	H	W	D	H	W	H	W
48x24x16	1, 12, 13	AK 1646	1	47.24	23.62	15.75	1200	600	400	44.29	20.24	1125	514
48x32x16	1, 12, 13	AK 1648	1	47.24	31.50	15.75	1200	800	400	44.29	28.11	1125	714
48x47x16	1, 12, 13	AK 1652	2	47.24	47.24	15.75	1200	1200	400	44.29	43.86	1125	1114
63x32x14	1, 12, 13	ES 5928	1	62.99	31.50	13.78	1600	800	350	58.90	27.52	1496	699
63x40x14	1, 12, 13	ES 5064	1	62.99	39.37	13.78	1600	1000	350	58.90	35.39	1496	899
63x47x14	1, 12, 13	ES 5922	2	62.99	47.24	13.78	1600	1200	350	58.90	43.27	1496	1099
63x63x14	1, 12, 13	ES 5926	2	62.99	62.99	13.78	1600	1600	350	58.90	59.02	1496	1499
63x24x20	1, 12, 13	ES 5665	1	62.99	23.62	19.69	1600	600	500	58.90	19.65	1496	499
63x32x20	1, 12, 13	ES 5865	1	62.99	31.50	19.69	1600	800	500	58.90	27.52	1496	699
63x47x20	1, 12, 13	ES 5265	2	62.99	47.24	19.69	1600	1200	500	58.90	43.27	1496	1099
71x24x16	1, 12, 13	ES 5684	1	70.87	23.62	15.75	1800	600	400	66.77	19.65	1696	499
71x32x16	1, 12, 13	ES 5884	1	70.87	31.50	15.75	1800	800	400	66.77	27.52	1696	699
71x40x16	1, 12, 13	ES 5084	1	70.87	39.37	15.75	1800	1000	400	66.77	35.39	1696	899
71x47x16	1, 12, 13	ES 5284	2	70.87	47.24	15.75	1800	1200	400	66.77	43.27	1696	1099
71x63x16	1, 12, 13	ES 5784	2	70.87	62.99	15.75	1800	1600	400	66.77	59.02	1696	1499
71x71x16	1, 12, 13	ES 5183	2	70.87	70.87	15.75	1800	1800	400	66.77	66.89	1696	1699
79x24x20	1, 12, 13	ES 5605	1	78.74	23.62	19.69	2000	600	500	74.65	19.65	1896	499
79x32x20	1, 12, 13	ES 5805	1	78.74	31.50	19.69	2000	800	500	74.65	27.52	1896	699
79x40x20	1, 12, 13	ES 5005	1	78.74	39.37	19.69	2000	1000	500	74.65	35.39	1896	899
79x47x20	1, 12, 13	ES 5205	2	78.74	47.24	19.69	2000	1200	500	74.65	43.27	1896	1099
79x72x20	1, 12, 13	ES 5905	2	78.74	70.87	19.69	2000	1800	500	74.65	66.89	1896	1699

Rittal Freestanding Enclosures

Advantages:

- NEMA 1 and 12 (NEMA 13, ES only)/ IP55 or 56
- NEMA 4 upgrade available
- UL/CSA and TÜV approvals
- Foamed-on gaskets
- Maximum strength and stability through a welded uni-body construction
- 25mm hole pattern accepts Rittal's standard accessory products
- Reversible hinging door (ES only)
- Stiffener/mounting frame on door
- Depth adjustable mounting panel (ES only)
- Time saving quick assembly method (ES only)
- Off-the-shelf availability
- E-coat primer and powder paint provide superior corrosion resistance
- Knife-edge design protects against liquid entry
- Integrated grounding provisions on all surfaces

Configuration:

- Enclosure with door(s)
- Door, right hand hinged (reversible on ES)
- Removable rear wall (ES only)
- Mounting panel
- 2-part bottom cable entry panel (AK)
- 3-part bottom cable entry panel (ES)
- 4 transportation eyebolts (ES only, not installed)
- Door stiffener/mounting frame

Technical Specifications:

Material:

Body: AK: 16 ga/1.5mm sheet steel
ES: 15 ga/1.8mm sheet steel

Door(s): 14 ga/2mm

Rearwall (ES only): 16 ga/1.5mm

Mounting panel: 11 ga/3mm, hot-dipped galvanized zinc

Finish:

Body, door(s): E-coat primed, powder painted, RAL 7032-pebble grey

Rearwall (ES only): E-coat primed, powder painted, RAL 7032-pebble grey

Mounting panel: Type M

Accessories

Enclosure Part No.	Base			Viewing door	Swing frame		Cable collecting	Handle		Print pocket	Flourescent light	Door switch
	4" high	8" high	12" high		Swing frame kit	Installation rail		Ergoform	Pushbutton insert			
AK 1646	SO 2911	SO 2912	SO 1656	FT 2765	SR 2322	SR 1985	AS 2036	SZ 2468	SZ 2514	PS 2514	PS 4143	PS 4127
AK 1648	SO 2901	SO 2902	SO 1658	FT 2766	SR 2323	SR 1986	AS 2038	SZ 2450	SZ 2468	SZ 2514	PS 4144	PS 4127
AK 1652	SO 2921	SO 2922	SO 1662	-	-	-	AS 2037	SZ 2450	SZ 2468	SZ 2514	PS 4145	PS 4127
ES 5928	SO 2990	SO 2991	-	PS 4507	SR 2333	SR 1997	PS 4192	SZ 2450	SZ 2468	PS 4118	PS 4144	PS 4127
ES 5064	SO 2992	SO 2993	-	-	-	-	PS 4336	SZ 2450	SZ 2468	PS 4124	PS 4144	PS 4127
ES 5922	SO 2994	SO 2995	-	-	2 x SR 2331	SR 1996	PS 4196	SZ 2450	SZ 2468	PS 4116	PS 4145	PS 4127
ES 5926	SO 2996	SO 2997	-	-	-	-	PS 4338	SZ 2450	SZ 2468	PS 4118	PS 4145	PS 4127
ES 5665	SO 2836	SO 2837	-	PS 4503	SR 2331	SR 1994	PS 4191	SZ 2450	SZ 2468	PS 4116	PS 4143	PS 4127
ES 5865	SO 2905	SO 2906	-	PS 4507	SR 2333	SR 1997	PS 4192	SZ 2450	SZ 2468	SZ 2513	PS 4144	PS 4127
ES 5265	SO 2846	SO 2847	-	-	2 x SR 2331	SR 1996	PS 4196	SZ 2450	SZ 2468	PS 4116	PS 4145	PS 4127
ES 5684	SO 2839	SO 2840	-	PS 4504	SR 2336	SR 1994	PS 4191	SZ 2450	SZ 2468	PS 4116	PS 4143	PS 4127
ES 5884	SO 2807	SO 2808	-	PS 4508	SR 2338	SR 1997	PS 4192	SZ 2450	SZ 2468	PS 4118	PS 4144	PS 4127
ES 5084	SO 2903	SO 2904	-	-	-	-	PS 4336	SZ 2450	SZ 2468	PS 4124	PS 4144	PS 4127
ES 5284	SO 2813	SO 2814	-	-	2 x SR 2336	SR 1996	PS 4196	SZ 2450	SZ 2468	PS 4116	PS 4145	PS 4127
ES 5784	SO 2844	SO 2845	-	-	-	-	PS 4338	SZ 2450	SZ 2468	PS 4118	PS 4145	PS 4127
ES 5183	SO 2988	SO 2989	-	-	-	-	PS 4339	SZ 2450	SZ 2468	PS 4123	PS 4145	PS 4127
ES 5605	SO 2836	SO 2837	-	PS 4505	SR 2340	SR 1994	PS 4191	SZ 2450	SZ 2468	PS 4116	PS 4143	PS 4127
ES 5805	SO 2905	SO 2906	-	PS 4509	SR 2342	SR 1997	PS 4192	SZ 2450	SZ 2468	PS 4118	PS 4144	PS 4127
ES 5005	SO 2914	SO 2915	-	-	-	-	PS 4336	SZ 2450	SZ 2468	PS 4124	PS 4144	PS 4127
ES 5205	SO 2846	SO 2847	-	-	2 x SR 2340	SR 1996	PS 4196	SZ 2450	SZ 2468	PS 4116	PS 4145	PS 4127
ES 5905	SO 2853	SO 2854	-	-	-	-	PS 4339	SZ 2450	SZ 2468	PS 4123	PS 4145	PS 4127



One Door Freestanding Enclosures



NEMA Rated Carbon Steel Enclosures

Rittal Electromate NEMA 4 freestanding enclosures accept standard as well as rackmount electrical and electronic components. These enclosures are intended for indoor or outdoor applications to protect installed equipment against splashing water, seepage of water, falling or hose directed water, and external condensation.



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Configuration

- Continuously welded seams, finished smooth
- Oil resistant neoprene strip gasket
- Continuous stainless steel hinge with removable pin
- Hasp and staple for padlock
- Stainless steel captive clamps
- Removable heavy duty lifting eyes mounted to the top
- C-channels are welded to interior sides for optional mounting
- Print pocket included

Technical Specifications

- Material:**
- Enclosure/door:* 12 gauge carbon steel
- Finish/color:**
- Enclosure/door:* polyester-urethane powder coat over phosphatized surfaces – ANSI 61 grey inside and outside
 - Optional mounting panels:* painted white

Protection Ratings

NEMA Type ☐ 1 ☒ 4 ☐ 4X ☐ 12 ☐ 13

Certifications/Approvals

Listings ☒ UL ☒ CUL ☐ CSA ☐ TÜV

Technical Drawings

Page **FST 16**

Enclosure				Full Mounting Panel			Half Mounting Panel		
Part No.	Outside dimensions (inches)			Part No.	Panel size		Part No.	Panel size	
	H	W	D		H	W		H	W
E 72H3724FS	72.00	37.00	24.00	E 72P36F1	60.00	32.00	E 72P36F2	30.88	32.00

Accessories				
Part No.	Door stop kit	Touch-up paint	Window kit	
E 72H3724FS	E DSTOPK	E L21	E PWK3523NF	

One Door Modular Cabinets



Freestanding Carbon Steel Modular Enclosures

Rittal Electromate modular NEMA 12 rated enclosures can be interconnected together to form a multi-door system for large control center applications. These enclosures are intended for indoor use to protect installed equipment against dust, dirt, oil and water.

Configuration

- Continuously welded seams, finished smooth
- Body stiffener for added support
- Oil resistant neoprene strip gasket
- Continuous steel hinge with removable pin
- 3-point latch with padlockable black textured diecast zinc handle
- Removable heavy duty lifting eyes mounted to the top
- Removable 10 gauge carbon steel mounting panel included
- Print pocket included
- Both sides of enclosure are open with door hinged on left side
- Interlock is furnished for use with modular disconnect enclosures

Technical Specifications

- Material:**
- Enclosure/door:* 10 gauge carbon steel
- Finish/color:**
- Enclosure/door:* polyester-urethane powder coat over phosphatized surfaces - ANSI 61 grey outside and white inside
 - Mounting panel:* painted white

Protection Ratings

NEMA Type ☐ 1 ☐ 4 ☐ 4X ☒ 12 ☒ 13

Certifications/Approvals

Listings ☒ UL ☒ CUL ☐ CSA ☐ TÜV

Technical Drawings

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Enclosure				Mounting Panel		
Part No.	Outside dimensions (inches)			Panel size		Usable depth
	H	W	D	H	W	
E MOD723918	72.00	38.75	18.00	60.00	33.75	17.00
E MOD843918	84.00	38.75	18.00	72.00	33.75	17.00

Accessories					
Part No.	End plates	Flat plates	Gasket kits	Touch-up paint	Window kit
E MOD723918	E MOD72EPT	E MOD72FTPT	E MOD72GK	E L21	E PWK3523NF
E MOD843918	E MOD84EPT	E MOD84FTPT	E MOD84GK	E L21	E PWK3523NF





TS8 Modular Freestanding Enclosures



New Dimension In Enclosures

The revolutionary new Rittal TS8 represents a bold new dimension in enclosure design. This modular system boasts a strong, rigid 16-fold dual tubular frame. Multi-level mounting provides for optimum space efficiency and the symmetrical frame structure allows for complete assembly and configuration flexibility.



Configuration

- Patented 16-fold frame with 30% more stability
- Symmetrical frame for optimal configurability
- UL Type 12/NEMA 1, 12, 13 protection
- Quick and easy backward compatibility with PS 4000 enclosures
- Two mounting levels for additional installation opportunities
- Integrated continuous electrical bonding for grounding and EMC protection
- Increased load capacity on side panels and doors
- 4 point locking system provides a perfect seal
- Collar/trough design to channel liquid away from gasket
- Reversible hinging door (single door only)
- Time saving quick assembly method through the use of the .98"/25 mm hole pattern
- Foamed-on gaskets
- Unlimited versatility through a variety of standard modular parts
- Off-the-shelf availability
- E-coat primer and powder paint provide superior corrosion resistance

Technical Specifications

Material:

- *Body/side panels:* 16 ga, sheet steel
- *Door:* 14 ga sheet steel
- *Frame:* 16 ga, 16-fold continuously welded sheet steel
- *Mounting panel:* zinc-plated, 11 ga/3 mm, sheet steel

Finish/color:

- *Body, door(s):* E-coat primed, RAL 7044; textured, powder coated on the outside RAL 7032
- *Cable entry panels:* 3-part, zinc-plated, 16 ga/1.5 mm sheet steel

Protection Ratings

NEMA Type     

Certifications/Approvals

Listings    

Technical Drawings

Pages **FST 17-20**

Enclosure									Mounting Panel			
Part No.	NEMA rating	Number of doors	Exact outside dimensions						Dimensions			
			inches			mm			inches		mm	
			H	W	D	H	W	D	H	W	H	W
8645600	1, 12, 13	1	55	24	20	1400	600	500	51.00	19.65	1296	499
8845600	1, 12, 13	1	55	32	20	1400	800	500	51.00	27.52	1296	699
8245600	1, 12, 13	2	55	48	20	1400	1200	500	51.00	43.27	1296	1099
8686600	1, 12, 13	1	71	24	24	1800	600	600	66.77	19.65	1696	499
8884600	1, 12, 13	1	71	32	16	1800	800	400	66.77	27.52	1696	699
8885600	1, 12, 13	1	71	32	20	1800	800	500	66.77	27.52	1696	699
8880600	1, 12, 13	2	71	32	20	1800	800	500	66.77	27.52	1696	699
8886600	1, 12, 13	1	71	32	24	1800	800	600	66.77	27.52	1696	699
8881600	1, 12, 13	2	71	32	24	1800	800	600	66.77	27.52	1696	699
8284600	1, 12, 13	2	71	48	16	1800	1200	400	66.77	43.27	1696	1099
8285600	1, 12, 13	2	71	48	20	1800	1200	500	66.77	43.27	1692	1099
8605600	1, 12, 13	1	79	24	20	2000	600	500	74.65	19.65	1896	499
8606600	1, 12, 13	1	79	24	24	2000	600	600	74.65	19.65	1896	499
8608600	1, 12, 13	1	79	24	32	2000	600	800	74.65	19.65	1896	499
8804600	1, 12, 13	1	79	32	16	2000	800	400	74.65	27.52	1896	699
8805600	1, 12, 13	1	79	32	20	2000	800	500	74.65	27.52	1896	699
8806600	1, 12, 13	1	79	32	24	2000	800	600	74.65	27.52	1896	699
8808600	1, 12, 13	1	79	32	32	2000	800	800	74.65	27.52	1896	699
8006600	1, 12, 13	2	79	40	24	2000	1000	600	74.65	35.39	1896	899
8205600	1, 12, 13	2	79	48	20	2000	1200	500	74.65	43.27	1896	1099
8206600	1, 12, 13	2	79	48	24	2000	1200	600	74.65	43.27	1896	1099
8626600	1, 12, 13	1	87	24	24	2200	600	600	82.52	19.65	2096	499
8826600	1, 12, 13	1	87	32	24	2200	800	600	82.52	27.52	2096	699
8226600	1, 12, 13	2	87	48	24	2200	1200	600	82.52	43.27	2096	1099

Accessories											
Part No.	Components front/rear		Trim panels (sides)		Internal depth system chassis	External depth system chassis	Combination bracket kit (system chassis/ system bar)	TS8 baying corner angles	TS8 baying vertical connector	Comfort handles	Side walls
	4"	8"	4"	8"							
	Height	Height	Height	Height							
8645600	8601600	8602600	8601050	8602050	8612050	8612050	8800330	8800430	8800500	8611010	8145200
8845600	8601800	8602800	8601050	8602050	8612050	8612150	8800330	8800430	8800500	8611010	8145200
8245600	8601200	8602200	8601050	8602050	8612050	8612150	8800330	8800430	8800500	8611010	8145200
8686600	8601600	8602600	8601060	8602060	8612060	8612160	8800330	8800430	8800500	8611010	8186200
8884600	8601800	8602800	8601040	8602040	8612040	8612140	8800330	8800430	8800500	8611010	8184200
8885600	8601800	8602800	8601050	8602050	8612050	8612150	8800330	8800430	8800500	8611010	8185200
8880600	8601800	8602800	8601050	8602050	8612050	8612150	8800330	8800430	8800500	8611010	8185200
8886600	8601800	8602800	8601060	8602050	8612060	8612160	8800330	8800430	8800500	8611010	8186200
8881600	8601800	8602800	8601060	8602060	8612060	8612160	8800330	8800430	8800500	8611010	8186200
8284600	8601200	8602200	8601040	8602040	8612040	8612140	8800330	8800430	8800500	8611010	8184200
8285600	8601200	8602200	8601050	8602050	8612050	8612150	8800330	8800430	8800500	8611010	8185200
8605600	8601600	8602600	8601050	8602050	8612050	8612150	8800330	8800430	8800500	8611010	8105200
8606600	8601600	8602600	8601060	8602060	8612060	8612160	8800330	8800430	8800500	8611010	8106200
8608600	8601600	8602600	8601080	8602080	8612080	8612180	8800330	8800430	8800500	8611010	8108200
8804600	8601800	8602800	8601040	8602040	8612040	8612140	8800330	8800430	8800500	8611010	8104200
8805600	8601800	8602800	8601050	8602050	8612050	8612150	8800330	8800430	8800500	8611010	8105200
8806600	8601800	8602800	8601060	8602060	8612060	8612160	8800330	8800430	8800500	8611010	8106200
8808600	8601800	8602800	8601080	8602080	8612080	8612180	8800330	8800430	8800500	8611010	8108200
8006600	8601000	8602000	8601060	8602060	8612060	8612160	8800330	8800430	8800500	8611010	8106200
8205600	8601200	8602200	8601050	8602050	8612050	8612150	8800330	8800430	8800500	8611010	8105200
8206600	8601200	8602200	8601060	8602060	8612060	8612160	8800330	8800430	8800500	8611010	8106200
8626600	8601600	8602600	8601060	8602060	8612060	8612160	8800330	8800430	8800500	8611010	8126200
8826600	8601800	8602800	8601060	8602060	8612060	8612160	8800330	8800430	8800500	8611010	8126200
8226600	8601200	8602200	8601060	8602060	8612060	8612160	8800330	8800430	8800500	8611010	8126200





PS Modular Freestanding Enclosures



NEMA Rated Modular Enclosures

Rittal's PS Series freestanding enclosures are the world's leading modular enclosures. Based on Rittal's patented "Perfect System" technology, the PS Series offers a modular design for unlimited expandability and flexibility. Nine-fold, roll-formed sheet steel frame members are connected by solid steel corner pieces. The standard .98"/25 mm hole pattern on the inside of all frame members allows maximum space utilization. The corner pieces feature tapped holes for easy installation of mounting panels, cable collecting rails, and swing frames.



Configuration

- NEMA 1, 12 and 13/IP 55 protection
- NEMA 4 upgrade available on single-door models
- Enclosures can easily be interconnected for multi-bay applications
- Patented 9-fold frame design
- Reversible hinging door (single door only)
- Maximum strength and stability through welded frame and corner piece design
- Time saving quick assembly method through the use of the .98"/25 mm hole pattern
- Foamed-on gaskets
- Unlimited versatility through a variety of standard modular parts
- Off-the-shelf availability
- E-coat primer and powder paint provide superior corrosion resistance
- Knife-edge design diverts liquid away from gasket
- 3-point locking system provides a perfect seal

Technical Specifications

Material:

- *Frame:* 9 fold, roll-formed, sheet steel
- *Door:* 14 ga/2 mm sheet steel
- *Rear wall:* 16 ga/1.5 mm sheet steel
- *Mounting panel:* 11 ga/3 mm hot-dipped galvanized zinc
- *Front frame:* aluminum (19" electronic)

Finish:

- *Frame:* E-coat primed, RAL 7044 pebble grey
- *Door, rear wall and roof:* E-coat primed RAL 7044 light grey, powder painted RAL 7032 pebble grey
- *Mounting panel:* Type M

Protection Ratings

NEMA Type					
	1	4	4X	12	13

Certifications/Approvals

Listings				
	UL	CUL	CSA	TÜV

Technical Drawings

Pages **FST 21-24**

Enclosure										Mounting Panel			
Part No.	Approximate outside dimensions H"xW"xD"	NEMA rating	Number of doors	Exact outside dimensions						Dimensions			
				inches			mm			inches		mm	
				H	W	D	H	W	D	H	W	H	W
Standard PS Cabinets													
4666600	63x24x24	1, 12, 13	1	62.99	23.62	23.62	1600	600	600	58.90	19.65	1496	499
4684600	71x24x16	1, 12, 13	1	70.87	23.62	15.75	1800	600	400	66.77	19.65	1696	449
4686600	71x24x24	1, 12, 13	1	70.87	23.62	23.62	1800	600	600	66.77	19.65	1696	499
4688600	71x24x32	1, 12, 13	1	70.87	23.62	31.50	1800	600	800	66.77	19.65	1696	499
4884600	71x32x16	1, 12, 13	1	70.87	31.50	15.75	1800	800	400	66.77	27.52	1696	699
4885600	71x32x20	1, 12, 13	1	70.87	31.50	19.69	1800	800	500	66.77	27.52	1696	699
4886600	71x32x24	1, 12, 13	1	70.87	31.50	23.62	1800	800	600	66.77	27.52	1696	699
4084600	71x39x16	1, 12, 13	1	70.87	39.37	15.75	1800	1000	400	66.77	35.39	1696	899
4284600	71x47x16	1, 12, 13	2	70.87	47.24	15.75	1800	1200	400	66.77	43.27	1696	1099
4285600	71x47x20	1, 12, 13	2	70.87	47.24	19.69	1800	1200	500	66.77	43.27	1696	1099
4605600	79x24x20	1, 12, 13	1	78.74	23.62	19.69	2000	600	500	74.65	19.65	1896	499
4606600	79x24x24	1, 12, 13	1	78.74	23.62	23.62	2000	600	600	74.65	19.65	1896	499
4608600	79x24x32	1, 12, 13	1	78.74	23.62	31.50	2000	600	800	74.65	19.65	1896	499
4804600	79x32x16	1, 12, 13	1	78.74	31.50	15.75	2000	800	400	74.65	27.52	1896	699
4805600	79x32x20	1, 12, 13	1	78.74	31.50	19.69	2000	800	500	74.65	27.52	1896	699
4806600	79x32x24	1, 12, 13	1	78.74	31.50	23.62	2000	800	600	74.65	27.52	1896	699
4808600	79x32x32	1, 12, 13	1	78.74	31.50	31.50	2000	800	800	74.65	27.52	1896	699
4005600	79x39x20	1, 12, 13	2	78.74	39.37	19.69	2000	1000	500	74.65	35.39	1896	899
4006600	79x39x24	1, 12, 13	2	78.74	39.37	23.62	2000	1000	600	74.65	35.39	1896	899
4205600	79x47x20	1, 12, 13	2	78.74	47.24	19.69	2000	1200	500	74.65	43.27	1896	1099
4206600	79x47x24	1, 12, 13	2	78.74	47.24	23.62	2000	1200	600	74.65	43.27	1896	1099
4626600	87x24x24	1, 12, 13	1	86.61	23.62	23.62	2200	600	600	82.52	19.65	2096	499
4826600	87x32x24	1, 12, 13	1	86.61	31.50	23.62	2200	800	600	82.52	27.52	2096	699
4828600	87x32x32	1, 12, 13	1	86.61	31.50	31.50	2200	800	800	82.52	27.52	2096	699
4060600	87x39x24	1, 12, 13	1	86.61	39.37	23.62	2200	1000	600	82.52	35.39	2096	899
4226600	87x47x24	1, 12, 13	2	86.61	47.24	23.62	2200	1200	600	82.52	43.27	2096	1099
19" Electronic PS Cabinets													
4438210	78x24x32	1	1	78.74	23.62	31.89	2000	600	810	-	-	-	-

Accessories							
Part No.	Side wall (1 pair)	Cable base		Interconnecting		Print pocket	Fluorescent light
		4" high	8" high	Brackets .500	Pins		
Standard PS Cabinets							
4666600	4166200	2813200	2814200	4582000	4580000	4116000	9968111
4684600	4184200	2804200	2805200	4582000	4580000	4116000	9968111
4686600	4186200	2813200	2814200	4582000	4580000	4116000	9968111
4688600	4188200	2846200	2847200	4582000	4580000	4116000	9968111
4884600	4184200	2823200	2824200	4582000	4580000	4118000	9968112
4885600	4185200	2829200	2830200	4582000	4580000	4118000	9968112
4886600	4186200	2833200	2834200	4582000	4580000	4118000	9968112
4084600	4184200	2909200	2910200	4582000	4580000	-	9968112
4284600	4184200	2836200	2837200	4582000	4580000	4116000	9968112
4285600	4185200	2839200	2840200	4582000	4580000	4116000	9968112
4605600	4105200	2807200	2808200	4582000	4580000	4116000	9968111
4606600	4106200	2813200	2814200	4582000	4580000	4116000	9968111
4608600	4108200	2846200	2847200	4582000	4580000	4116000	9968111
4804600	4104200	2823200	2824200	4582000	4580000	4118000	9968112
4805600	4105200	2829200	2830200	4582000	4580000	4118000	9968112
4806600	4106200	2833200	2834200	4582000	4580000	4118000	9968112
4808600	4108200	2848200	2849200	4582000	4580000	4118000	9968112
4005600	4105200	2914200	2915200	4582000	4580000	-	9968112
4006600	4106200	2916200	2917200	4582000	4580000	-	9968112
4205600	4105200	2839200	2840200	4582000	4580000	4116000	9968112
4206600	4106200	2844200	2845200	4582000	4580000	4116000	9968112
4626600	4125200	2813200	2814200	4582000	4580000	4116000	9968111
4826600	4126200	2833200	2834200	4582000	4580000	4118000	9968112
4828600	4128200	2848200	2849200	4582000	4580000	4118000	9968112
4060600	4126200	2917200	2918200	4582000	4580000	-	9968112
4226600	4126200	2844200	2845200	4582000	4580000	4116000	9968112
19" Electronic PS Cabinets							
4438210	4108000	2846200	2847200	4582000	4580000	-	-





PS Network Enclosures



PS Network Cabinets

The Rittal freestanding NEMA 12 network cabinets are based on Rittal's patented PS Series technology, featuring a standard installation hole system for maximum space utilization. The cabinet's rugged construction offers high stability as well as high-load bearing capacity. Components are visible through the viewing door and are fully accessible from all sides through front/rear doors and removable sidewalls. Rittal's PS cabinets are available in our most popular sizes with standard accessories.

Configuration

- Smoked polycarbonate front viewing door
- Steel rear door
- Removable locking sidewalls
- Ergoform-S handles with pushbutton lock inserts, front and rear
- Removable solid roof
- Bottom cable entry panels
- 19" DK-PS rails, front and rear
- 1 set of system chassis
- Mounting brackets, top and bottom
- 50 captive nuts
- 100 mounting screws

Technical Specifications:

Material:

- *Frame:* 9 fold, roll-formed, sheet steel
- *Door:* 14 ga/2 mm sheet steel
- *Rear wall:* 16 ga/1.5 mm sheet steel

Finish:

- RAL 7032 Cabinets
 - *Frame:* E-coat primed, RAL 7044 light grey
 - *Door, rear wall and roof:* E-coat primed, RAL 7044 light grey, powder painted RAL 7032 pebble grey
- RAL 9005 Cabinets
 - *Frame:* E-coat primed, RAL 7044 light grey, oversprayed, RAL 9005 black
 - *Door, rear wall and roof:* E-coat primed RAL 7044 light grey, wet painted RAL 9005 black

Protection Ratings

NEMA Type ☐ 1 ☐ 4 ☐ 4X ☒ 12 ☐ 13

Certifications/Approvals

Listings ☒ UL ☐ CUL ☐ CSA ☐ TÜV

Technical Drawings

Page FST 25

Enclosure								
Part No. With Sidewalls RAL 7032 Pebble Grey	Part No. Without Sidewalls RAL 7032 Pebble Grey	Part No. With Sidewalls RAL 9005 Black	Height/U		Width		Depth	
			inches	mm	inches	mm	inches	mm
9967600	9967601	-	48	24	23.6	600	23.6	600
9967602	9967603	-	48	24	23.6	600	31.5	800
9967604	9967605	-	48	24	31.5	800	31.5	800
9967606	9967607	-	72	36	23.6	600	23.6	600
9967608	9967609	-	72	36	23.6	600	31.5	800
9967610	9967611	-	72	36	31.5	800	31.5	800
9967612	9967613	9967695	78	42	23.6	600	23.6	600
9967614	9967615	9967694	78	42	23.6	600	31.5	800
9967616	9967617	9967696	78	42	31.5	800	31.5	800
9967618	9967619	9967697	86	47	23.6	600	23.6	600
9967620	9967621	-	86	47	23.6	600	31.5	800
9967622	9967623	-	86	47	31.5	800	31.5	800

Note: Multiple cabinets can be bayed together using Part No. 4580000, 4581000 or 4582000. Remember to order one cabinet with sidewalls per row of cabinets and the rest without.

Accessories						
Part No. With Sidewalls	Part No. Without Sidewalls	Cable entry roof	Raised vented roof	19" rack mounted shelf	Telescopic slides	8 outlet frame mounted power strip
RAL 7032 Pebble Grey						
9967600	9967601	7566200	7366200	7144000	7061000	7724000
9967602	9967603	7568200	7368200	7145000	7081000	7724000
9967604	9967605	7588200	7388200	7145000	7081000	7724000
9967606	9967607	7566200	7366200	7144000	7061000	7724000
9967608	9967609	7568200	7368200	7145000	7081000	7724000
9967610	9967611	7588200	7388200	7145000	7081000	7724000
9967612	9967613	7566200	7366200	7144000	7061000	7724000
9967614	9967615	7568200	7368200	7145000	7081000	7724000
9967616	9967617	7588200	7388200	7145000	7081000	7724000
9967618	9967619	7566200	7366200	7144000	7061000	7724000
9967620	9967621	7568200	7368200	7145000	7081000	7724000
9967622	9967623	7588200	7388200	7145000	7081000	7724000

Accessories					
Part No. With Sidewalls	Cable entry roof	Raised vented roof	19" rack mounted shelf	Telescopic slides	8 outlet frame mounted power strip
RAL 9005 Black					
9967694	9967740	9967841	9968422	-	9968339
9967695	9967838	9967840	9968422	-	9968339
9967696	9967703	9967842	9968422	-	9968339
9967697	9967740	9967841	9968422	-	9968339



One/Two Door Freestanding Cabinets



Single Access Enclosures

Rittal Electromate NEMA rated freestanding enclosures accept standard as well as rackmount electrical and electronic components. These enclosures are intended for indoor applications to protect installed equipment against dust, dirt, oil and water.



Page **NON 22**

- Configuration
- Standard types are available:
 - Type “FS” – one door, single access
 - Type “FSDD” – two door, single access
 - Continuously welded seams, finished smooth
 - Body stiffener for added support
 - Oil resistant neoprene strip gasket
 - Continuous steel hinge with removable pin
 - 3-point latch with padlockable black textured diecast zinc handle
 - Removable heavy duty lifting eyes mounted to the top
 - C-channels are welded to interior sides for optional mounting
 - Print pocket included

- Technical Specifications
- Material:**
- All steel parts:* 12 gauge carbon steel
 - Back of FSDD:* 10 gauge carbon steel
- Finish/color:**
- Enclosure/door:* polyester-urethane powder coat over phosphatized surfaces, ANSI 61 grey outside and white inside
 - Optional mounting panels:* painted white

Protection Ratings

NEMA Type ☐ **1** ☐ **4** ☐ **4X** ☒ **12** ☐ **13**

Certifications/Approvals

Listings ☒ **UL** ☒ **CUL** ☐ **CSA** ☐ **TÜV**

Technical Drawings

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Enclosure							Mounting Panel			
Part No.	Outside dimensions (inches)			Door size		Maximum usable depth panel installed	Part No.	Description	Panel size	
	H	W	D	H	W				H	W
One Door, Single Access										
E 602418FS	60.00	24.00	18.00	50.25	22.22	17.63	E 60P24F1	FULL PANEL	48.00	20.00
E 722418FS	72.00	24.00	18.00	62.25	22.22	17.63	E 72P24F1	FULL PANEL	24.88	20.00
E 723018FS	72.00	30.00	18.00	62.25	28.22	17.63	E 72P30F1	FULL PANEL	60.00	20.00
E 723618FS	72.00	36.00	18.00	62.25	34.22	17.63	E 72P36F1	FULL PANEL	30.88	20.00
E 903620FS	90.00	36.00	20.00	80.25	34.22	19.63	E 90P36F1	FULL PANEL	39.88	20.00
E 722424FS	72.00	24.00	24.00	62.25	22.22	23.63	E 72P24F1	FULL PANEL	30.88	26.00
E 723624FS	72.00	36.00	24.00	62.25	34.22	23.63	E 72P36F1	FULL PANEL	24.88	32.00
E 903624FS	90.00	36.00	24.00	80.25	34.22	23.63	E 90P36F1	FULL PANEL	60.00	32.00
Two Door, Single Access										
E 724818FSDD	72.00	48.00	18.00	-	-	15.13	E 72P48F1	FULL PANEL	60.00	44.00
E 907220FSDD	90.00	72.00	20.00	-	-	17.13	E 90P72F1	FULL PANEL	60.00	56.00
E 724824FSDD	72.00	48.00	24.00	-	-	21.13	E 72P48F1	FULL PANEL	30.88	56.00
E 727224FSDD	72.00	72.00	24.00	-	-	21.13	E 72P72F1	FULL PANEL	30.88	68.00
E 907224FSDD	90.00	72.00	24.00	-	-	21.13	E 90P72F1	FULL PANEL	78.00	68.00

* Half panels also available.

Accessories			
Part No.	Door stop kit	Touch-up paint	Window kit
One Door, Single Access			
E 602418FS	E DSTOPK	E L21	E PWK3523NF
E 722418FS	E DSTOPK	E L21	E PWK3523NF
E 723018FS	E DSTOPK	E L21	E PWK3523NF
E 723618FS	E DSTOPK	E L21	E PWK3523NF
E 903620FS	E DSTOPK	E L21	E PWK3523NF
E 722424FS	E DSTOPK	E L21	E PWK3523NF
E 723624FS	E DSTOPK	E L21	E PWK3523NF
E 903624FS	E DSTOPK	E L21	E PWK3523NF
Two Door, Single Access			
E 724818FSDD	E DSTOPK	E L21	E PWK3523NF
E 907220FSDD	E DSTOPK	E L21	E PWK3523NF
E 724824FSDD	E DSTOPK	E L21	E PWK3523NF
E 727224FSDD	E DSTOPK	E L21	E PWK3523NF
E 907224FSDD	E DSTOPK	E L21	E PWK3523NF

Two Door Floormount Enclosures



NEMA 12



NEMA 4

NEMA 12 and 4 Carbon Steel Cabinets

These NEMA 4 rated floormount enclosures are designed for indoor or outdoor use to protect electrical and electronic equipment against splashing water, seepage of water, falling or hose directed water and external condensation.

Available In



FMD

Page FMD 13

NEMA 12

Available In



Stainless Steel

Page NON 23

NEMA 4

- Configuration
- Continuously welded seams, finished smooth
 - Gasketed overlapping doors
 - Body stiffener for added support
 - 3-point latching with padlockable black textured diecast zinc handle (NEMA 12 only)
 - Oil resistant neoprene strip gasket
 - Continuous stainless steel heavy duty hinge with removable pin
 - Mounting panel provisions installed
 - Removable heavy duty lifting eyes
 - 12" floor stands are welded to enclosure
 - Print pocket included
 - Removable center post (NEMA 4 only)
 - Hasp and staple for padlocking (NEMA 4 only)

- Technical Specifications:
- NEMA 12 Material:
- Enclosure/door: 12 gauge carbon steel
- NEMA 4 Material:
- Carbon steel
 - Body: 12 gauge
 - Back: 10 gauge for H or W ≥ 72"
- Finish/color:
- Enclosure/door: polyester-urethane powder coat over phosphatized surfaces, ANSI 61 grey outside and white inside
 - Optional mounting panels: painted white

Protection Ratings

NEMA Type

☐

1

☒

4

☐

4X☒

☐

13

Certifications/Approvals

Listings

☒☒

☐

CSA

☐

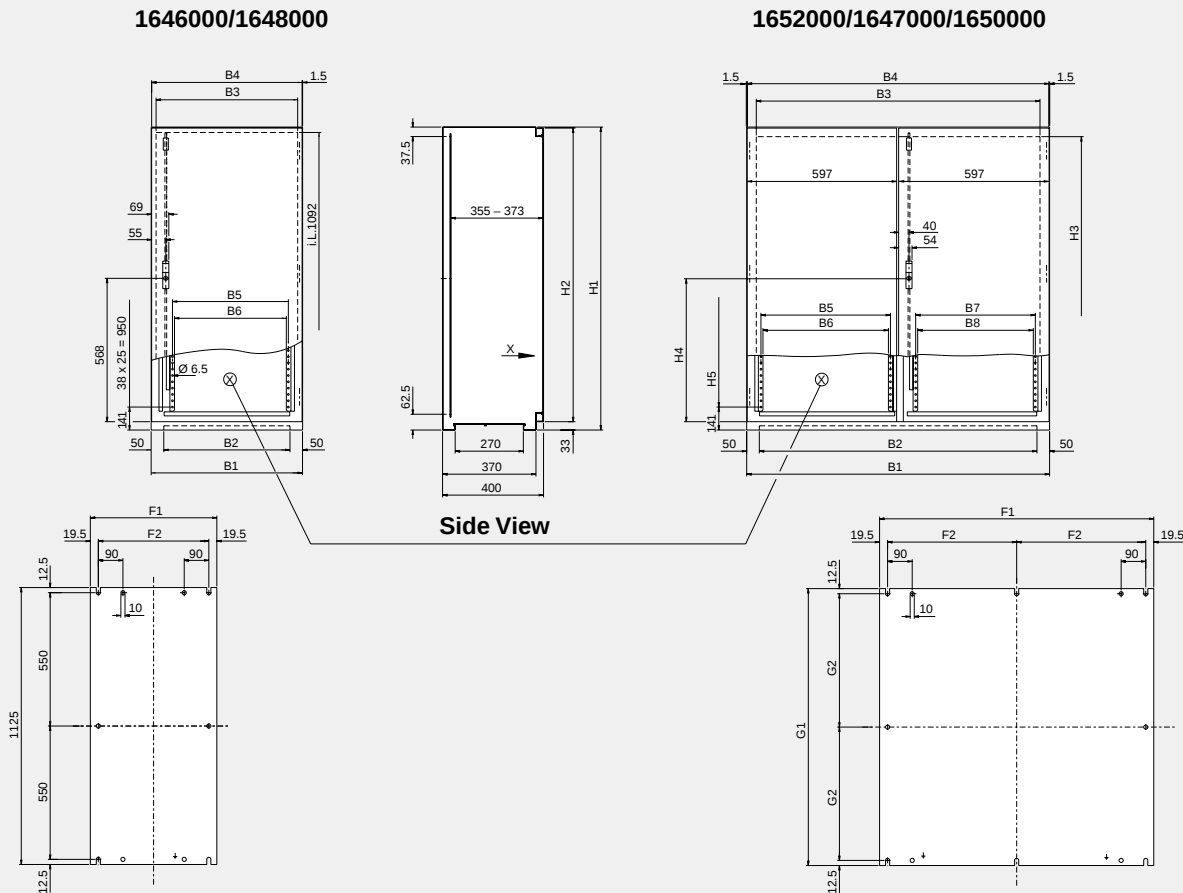
TÜV

Technical Drawings

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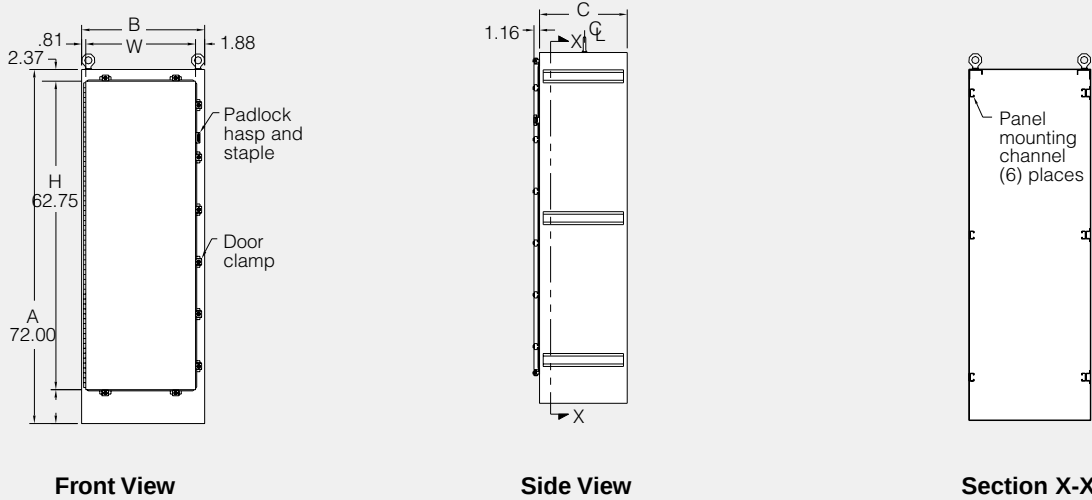
Technical Specifications
AK Freestanding Enclosures



Enclosure								Mounting Panel			
Part No.	Number of doors	Exact outside dimensions						Dimensions			
		inches			mm			inches		mm	
		H	W	D	H	W	D	H	W	H	W
1646600	1	47.24	23.62	15.75	1200	600	400	44.29	20.24	1125	514
1648600	1	47.24	31.50	15.75	1200	800	400	44.29	28.11	1125	714
1650600	2	47.24	39.37	15.75	1200	1000	400	44.29	35.39	1125	914
1652600	2	47.24	47.24	15.75	1200	1200	400	44.29	43.86	1125	1114
1647600	2	55.12	39.37	15.75	1400	1000	400	52.17	35.39	1325	914

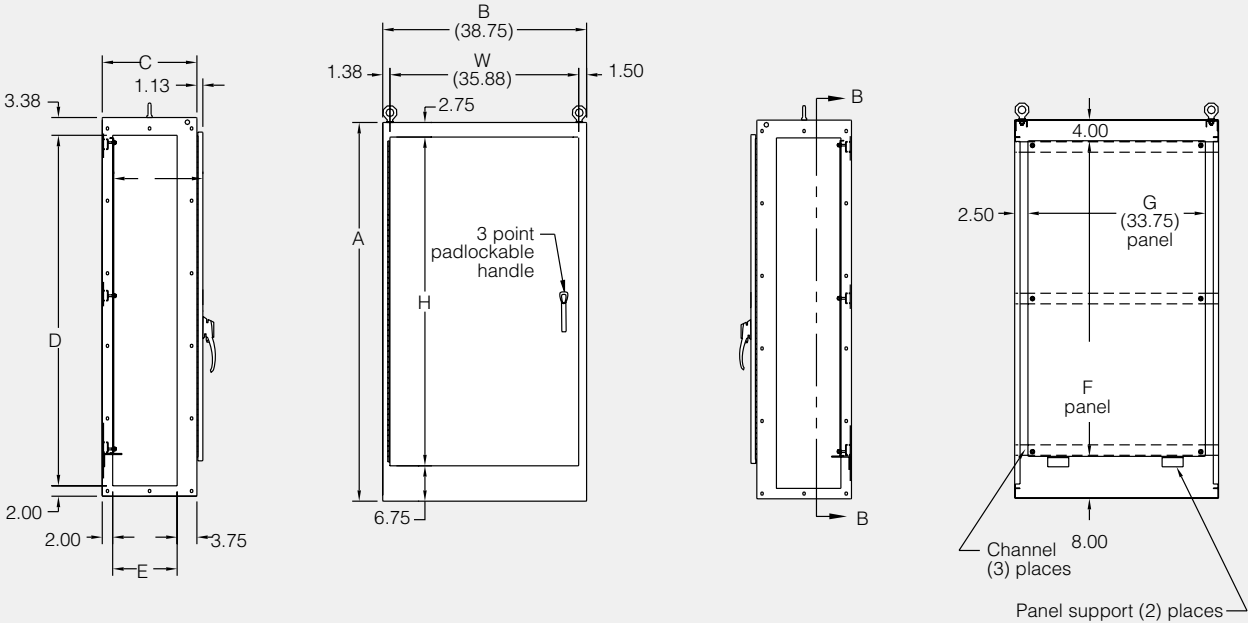
Detailed Dimensions																	
Part No.	B1	B2	B3	B4	B5	B6	B7	B8	F1	F2	G1	G2	H1	H2	H3	H4	H5
1646600	600	500	524	597	459	443	-	-	514	475	-	-	1200	1166	-	-	-
1648600	800	700	724	797	659	643	-	-	714	675	-	-	1200	1166	-	-	-
1650600	1000	900	924	997	413	397	377	361	914	437.5	1125	550	1200	1166	1092	568	38 x 28 = 950
1652600	1200	1100	1124	1197	513	497	477	461	1114	538	1125	550	1200	1166	1092	568	38 x 28 = 950
1647600	1000	900	924	997	413	397	377	361	914	437.5	1325	650	1400	1366	1292	668	46 x 25 = 1160

Technical Specifications
One Door Freestanding Enclosures



Enclosure						Full Mounting Panel			Half Mounting Panel		
Part No.	Outside dimensions (inches)			Door size		Part No.	Panel size		Part No.	Panel size	
	H	W	D	H	W		E	F		E	F
	A	B	C	H	W		E	F		E	F
E 72H3724FS	72.00	37.00	24.00	62.75	34.31	E 72P36F1	60.00	32.00	E 72P36F2	30.88	32.00

One Door Modular Cabinets



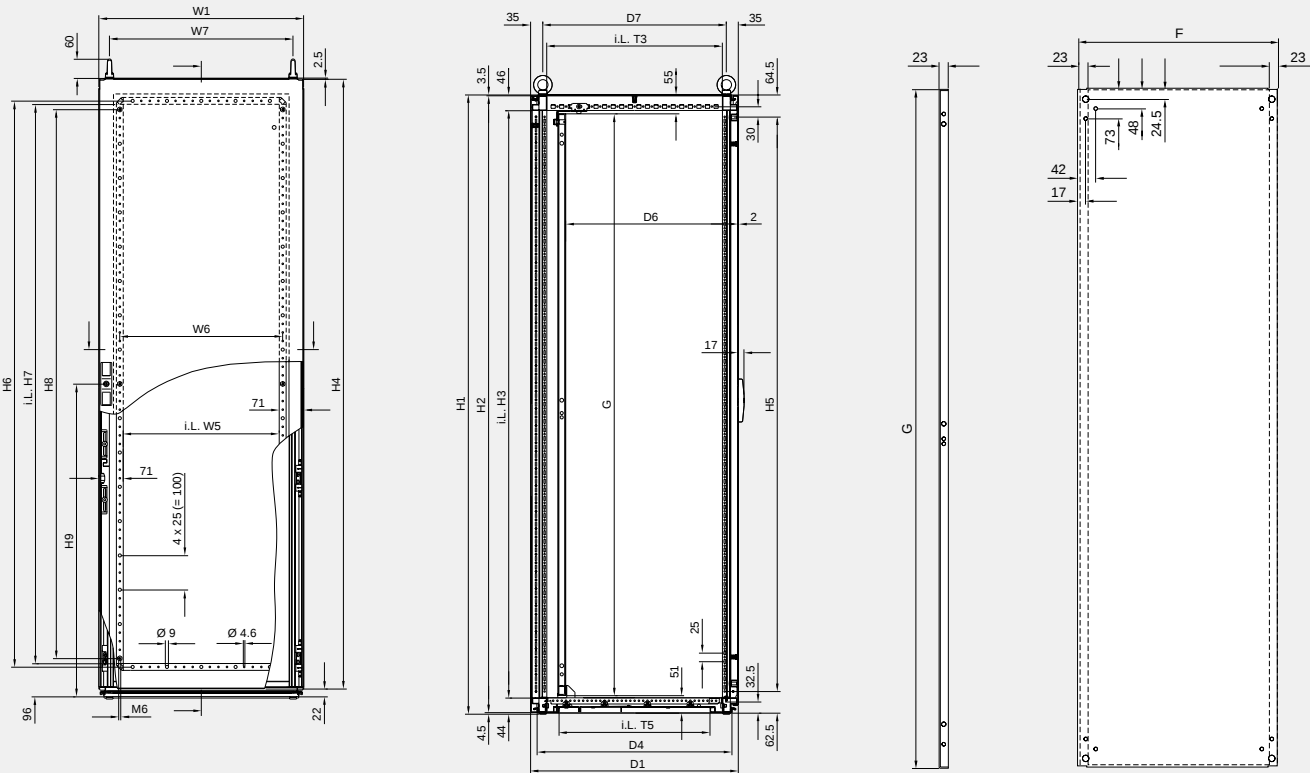
Enclosure						Mounting Panel		
Part No.	Outside dimensions (inches)			Door size		Panel size		Usable depth
	H	W	D	H	W	F	G	J
	A	B	C	H	W	F	G	J
E MOD723918	72.00	38.75	18.00	62.50	35.88	60.00	33.75	17.00
E MOD843918	84.00	38.75	18.00	74.50	35.88	72.00	33.75	17.00





Technical Specifications

TS8 Modular Freestanding Enclosures – One Door



Enclosure

- H1 = total height
- H2 = height of rear wall
- H3 = available space between frame members
- H4 = height of door
- H5 = span of installation holes
- H6 = distance between installation holes on top and bottom members of door frame
- H7 = available space between top and bottom members of door frame
- H8 = distance between door frame fasteners
- H9 = distance between bottom and center of lock

- W1 = overall or total width
- W2 = width of door
- W3 = available space between frame members
- W4 = span of installation holes/distance between cable base mounting holes
- W5 = available space between vertical members of door frame
- W6 = distance between installation holes on vertical members of door frame
- W7 = distance between eye bolts
- W8 = available space in bottom opening

- D1 = total depth
- D2 = span of installation holes/distance between cable base mounting holes
- D3 = available space between vertical frame members
- D4 = depth of bottom of frame
- D5 = available space in bottom opening
- D6 = possible mounting depth (construction of mounting panel) in 25 mm raster depth adjustable
- D7 = distance between eye bolts

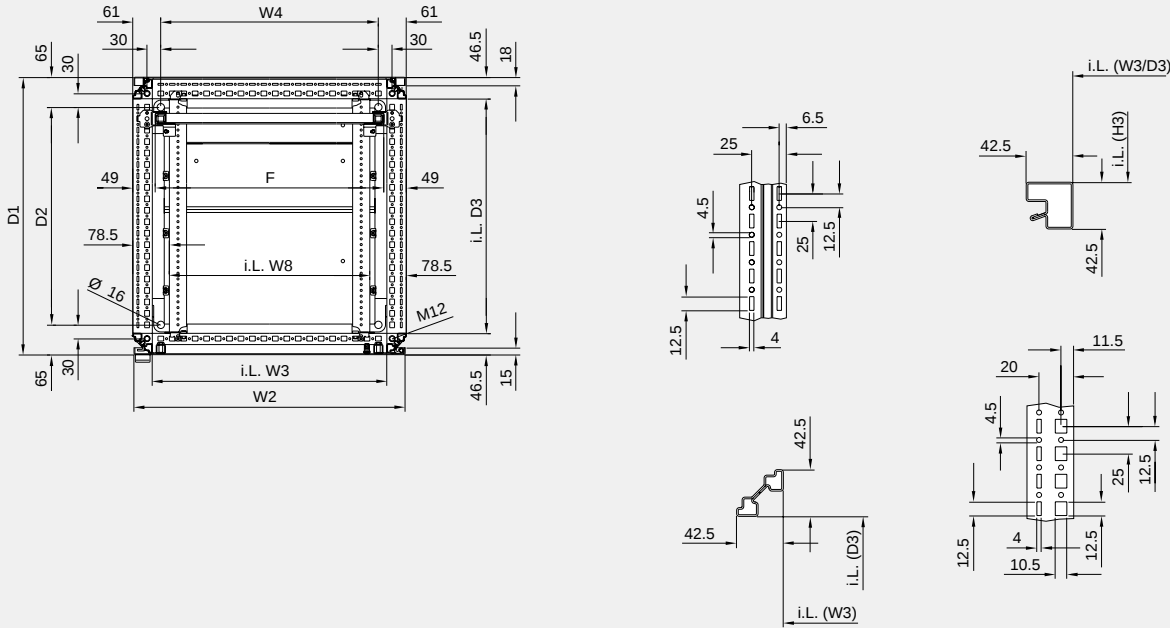
Mounting Panel

- F = overall width
- G = overall height

Enclosure									
Part No.	Height dimensions								
	H1	H2	H3	H4	H5	H6	H7	H8	H9
8645600	1405	1397	1312	1377.5	1275	1250	1230	1200	711
8845600	1405	1397	1312	1377.5	1275	1250	1230	1200	711
8686600	1805	1797	1712	1777.5	1675	1650	1630	1600	911
8884600	1805	1797	1712	1777.5	1675	1650	1630	1600	911
8885600	1805	1797	1712	1777.5	1675	1650	1630	1600	911
8886600	1805	1797	1712	1777.5	1675	1650	1630	1600	911
8605600	2005	1997	1912	1977.5	1875	1850	1830	1800	1011
8606600	2005	1997	1912	1977.5	1875	1850	1830	1800	1011
8608600	2005	1997	1912	1977.5	1875	1850	1830	1800	1011
8804600	2005	1997	1912	1977.5	1875	1850	1830	1800	1011
8805600	2005	1997	1912	1977.5	1875	1850	1830	1800	1011
8806600	2005	1997	1912	1977.5	1875	1850	1830	1800	1011
8808600	2005	1997	1912	1977.5	1875	1850	1830	1800	1011
8626600	2205	2197	2112	2177.5	2075	2050	2030	2000	1111
8826600	2205	2197	2112	2177.5	2075	2050	2030	2000	1111

Technical Specifications

TS8 Modular Freestanding Enclosures – One Door

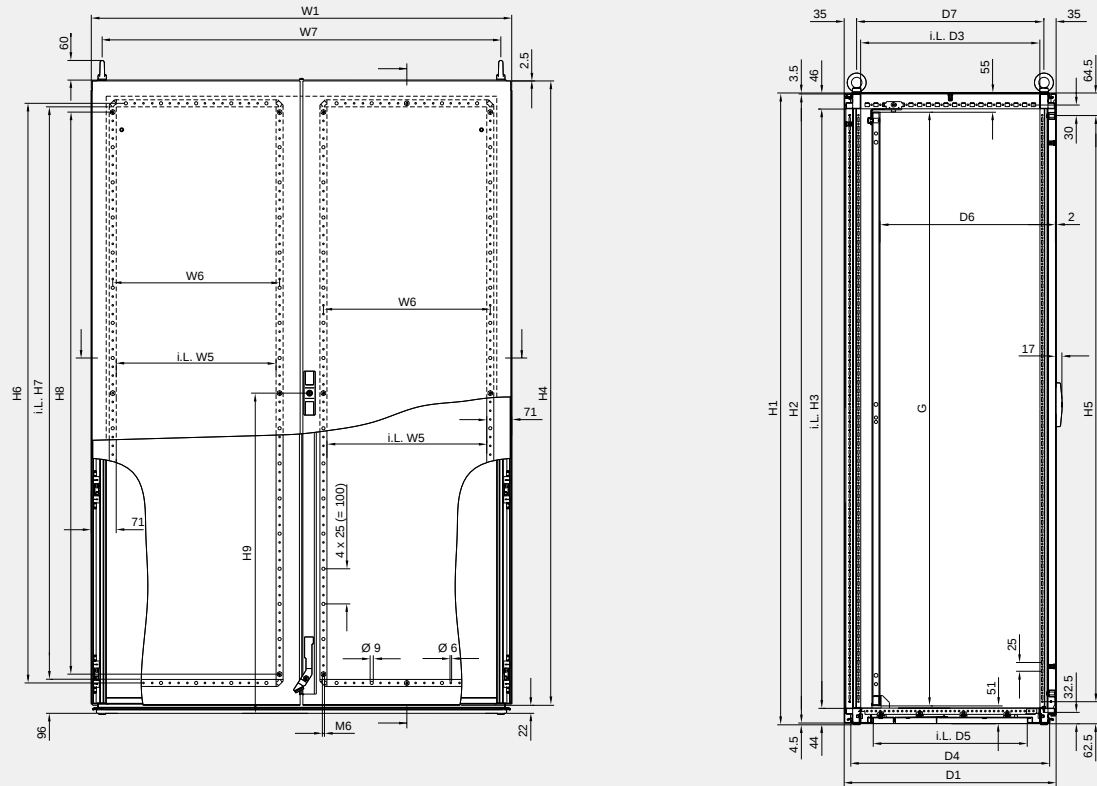


Enclosure																Mounting Panel	
Part No.	Width dimensions								Depth dimensions							Mounting Panel	
	W1	W2	W3	W4	W5	W6	W7	W8	D1	D2	D3	D4	D5	D6	D7	F	G
8645600	597	592	512	475	455	475	535	440	505	375	412	468	340	130-455	435	499	1296
8845600	797	792	712	675	655	675	735	640	505	375	412	468	340	130-455	435	499	1296
8686600	597	592	512	475	455	475	535	440	605	475	512	568	440	130-555	535	499	1696
8884600	797	792	712	675	655	675	735	640	405	275	312	368	240	130-355	335	699	1696
8885600	797	792	712	675	655	675	735	640	505	375	412	468	340	130-455	435	699	1696
8886600	797	792	712	675	655	675	735	640	605	475	512	568	440	130-555	535	699	1696
8605600	597	592	512	475	455	475	535	440	505	375	412	468	340	130-455	435	499	1869
8606600	597	592	512	475	455	475	535	440	605	475	512	568	440	130-555	535	499	1896
8608600	597	592	512	475	455	475	535	440	805	675	712	768	640	130-755	735	499	1896
8804600	797	792	712	675	655	675	735	640	405	275	312	368	240	130-355	335	699	1896
8805600	797	792	712	675	655	675	735	640	505	375	412	468	340	130-455	435	699	1896
8806600	797	792	712	675	655	675	735	640	605	475	512	568	440	130-555	535	699	1896
8808600	797	792	712	675	655	675	735	640	805	675	712	768	640	130-755	735	699	1896
8626600	597	592	512	475	455	475	535	440	605	475	512	568	440	130-555	535	499	2096
8826600	797	792	712	675	655	675	735	640	605	475	512	568	440	130-555	535	699	2096



Technical Specifications

TS8 Modular Freestanding Enclosures – Two Door



Enclosure

H1 = total height
H2 = height of rear wall
H3 = available space between frame members
H4 = height of door
H5 = span of installation holes
H6 = distance between installation holes on top and bottom members of door frame
H7 = available space between top and bottom members of door frame
H8 = distance between door frame fasteners
H9 = distance between bottom and center of lock

W1 = overall or total width
W2 = width of door
W3 = available space between frame members
W4 = span of installation holes/distance between cable base mounting holes
W5 = available space between vertical members of door frame
W6 = distance between installation holes on vertical members of door frame
W7 = distance between eye bolts
W8 = available space in bottom opening

D1 = total depth
D2 = span of installation holes/distance between cable base mounting holes
D3 = available space between vertical frame members
D4 = depth of bottom of frame
D5 = available space in bottom opening
D6 = possible mounting depth (construction of mounting panel) in 25 mm raster depth adjustable
D7 = distance between eye bolts

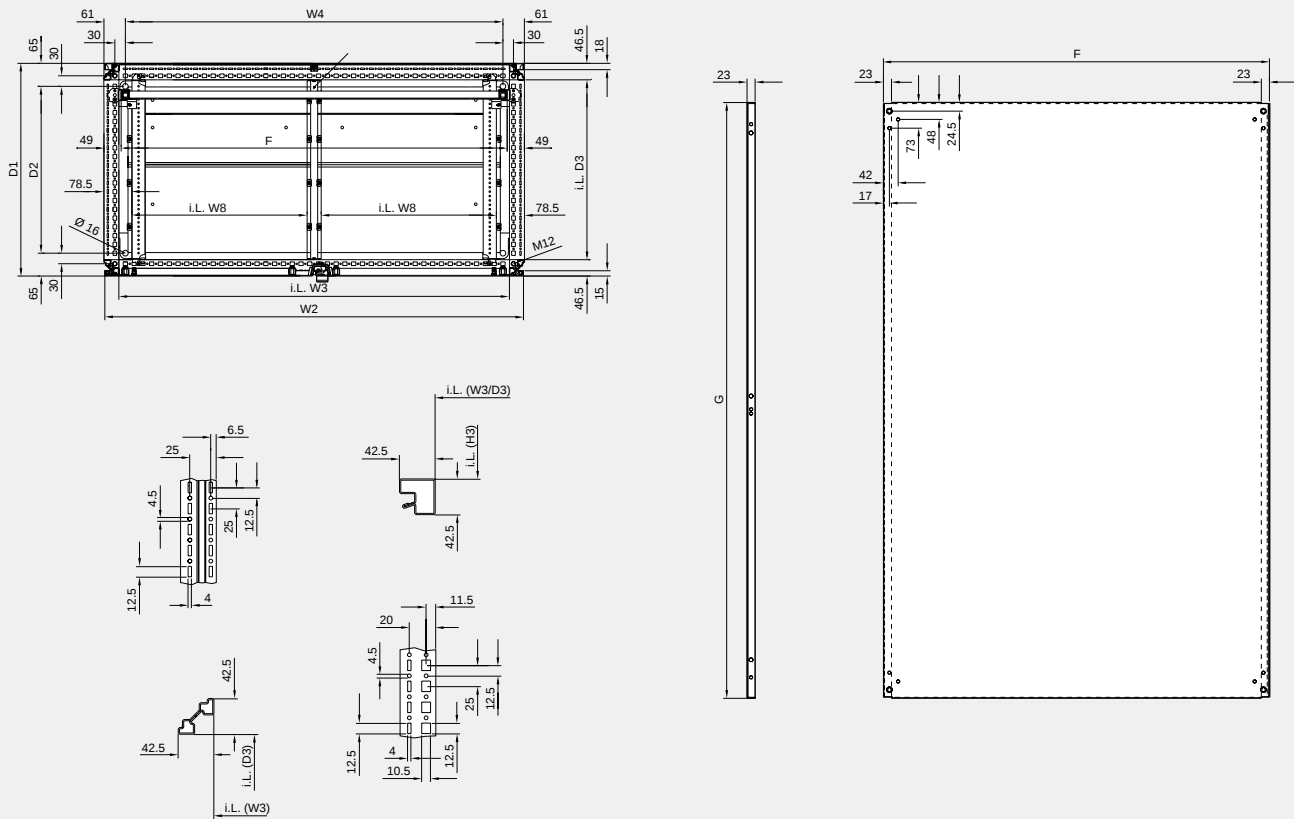
Mounting Panel

F = overall width
G = overall height

Enclosure									
Part No.	Height dimensions								
	H1	H2	H3	H4	H5	H6	H7	H8	H9
8245600	1405	1397	1312	1377.5	1275	1250	1230	1200	711
8880600	1805	1797	1712	1777.5	1675	1650	1630	1600	911
8881600	1805	1797	1712	1777.5	1675	1650	1630	1600	911
8284600	1805	1797	1712	1777.5	1675	1650	1630	1600	911
8285600	1805	1797	1712	1777.5	1675	1650	1630	1600	911
8006600	2005	1997	1912	1977.5	1875	1850	1830	1800	1011
8205600	2005	1997	1912	1977.5	1875	1850	1830	1800	1011
8206600	2005	1997	1912	1977.5	1875	1850	1830	1800	1011
8226600	2205	2197	2112	2177.5	2075	2050	2030	2000	1111

Technical Specifications

TS8 Modular Freestanding Enclosures – Two Door

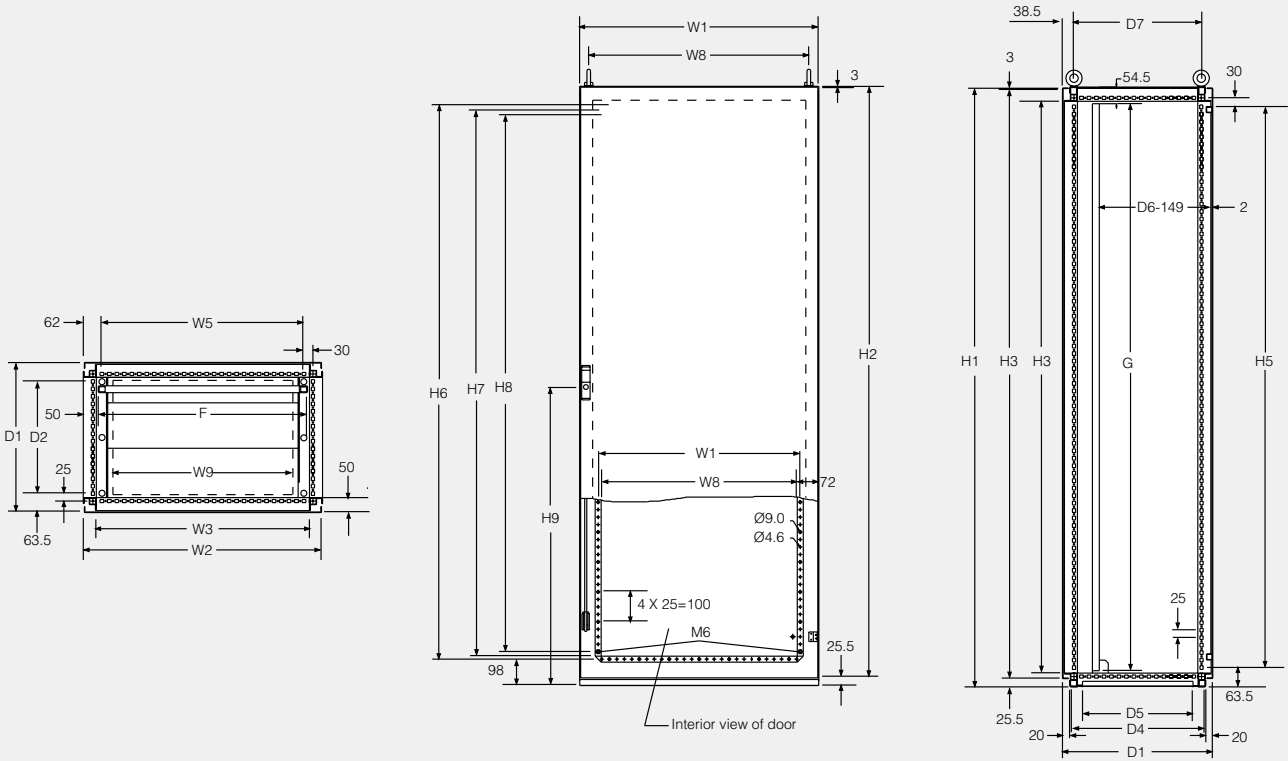


Enclosure																Mounting Panel	
Part No.	Width dimensions								Depth dimensions							Mounting Panel	
	W1	W2	W3	W4	W5	W6	W7	W8	D1	D2	D3	D4	D5	D6	D7	F	G
8245600	1197	1192	1112	1075	455	475	1135	500	505	375	412	468	340	130-455	435	1099	1296
8880600	797	792	712	675	255	275	735	640	505	375	412	468	340	130-455	435	699	1696
8881600	797	792	712	675	255	275	735	640	605	475	512	568	440	130-555	535	699	1696
8284600	1197	1192	1112	1075	455	475	1135	500	405	275	312	368	240	130-555	335	1099	1696
8285600	1197	1192	1112	1075	455	475	1135	500	505	375	412	468	340	130-455	435	1099	1696
8006600	997	992	912	875	355	375	935	400	605	475	512	568	440	130-455	535	899	1896
8205600	1197	1192	1112	1075	455	475	1135	500	505	375	412	468	340	130-455	435	1099	1896
8206600	1197	1192	1112	1075	455	475	1135	500	605	475	512	568	440	130-555	535	1099	1896
8226600	1197	1192	1112	1075	455	475	1135	500	605	475	512	568	440	130-555	535	1099	2096



Technical Specifications

PS Modular Freestanding Enclosures – One Door



Enclosure

- H1 = total height
- H2 = height of rear wall and door
- H3 = available space between frame members
- H5 = span of installation holes
- H6 = distance between installation holes on top and bottom members of door frame
- H7 = available space between top and bottom members of door frame
- H8 = distance between door frame fasteners
- H9 = distance between bottom and center of lock
- W1 = available space between frame members
- W2 = width of door
- W3 = overall or total width
- W5 = span of installation holes/distance between cable base mounting holes
- W6 = available space between vertical members of door frame
- W7 = distance between installation holes on vertical members of door frame
- W8 = distance between eye bolts
- W9 = available space in bottom opening
- D1 = total depth
- D2 = span of installation holes/distance between cable base mounting holes
- D3 = available space between vertical frame members
- D4 = depth of bottom of frame
- D5 = available space in bottom opening
- D6 = area where mounting panel can be installed
- D7 = distance between eye bolts

Mounting panel

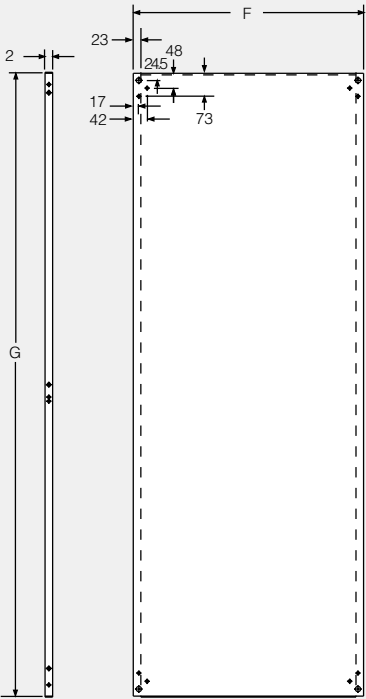
- F = overall width
- G = overall height

Enclosure								
Part No.	Height dimensions							
	H1	H2	H3	H5	H6	H7	H8	H9
4666600	1610	1575	1512	1475	1450	1430	1400	798
4684600	1810	1775	1712	1675	1650	1630	1600	898
4686600	1810	1775	1712	1675	1650	1630	1600	898
4688600	1810	1775	1712	1675	1650	1630	1600	898
4884600	1810	1775	1712	1675	1650	1630	1600	898
4885600	1810	1775	1712	1675	1650	1630	1600	898
4886600	1810	1775	1712	1675	1650	1630	1600	898
4084600	1810	1775	1712	1675	1650	1630	1600	898
4605600	2010	1975	1912	1875	1850	1830	1800	998
4606600	2010	1975	1912	1875	1850	1830	1800	998
4608600	2010	1975	1912	1875	1850	1830	1800	998
4804600	2010	1975	1912	1875	1850	1830	1800	998
4805600	2010	1975	1912	1875	1850	1830	1800	998
4806600	2010	1975	1912	1875	1850	1830	1800	998
4808600	2010	1975	1912	1875	1850	1830	1800	998
4626600	2210	2175	2112	2075	2050	2030	2000	1098
4826600	2210	2175	2112	2075	2050	2030	2000	1098
4828600	2210	2175	2112	2075	2050	2030	2000	1098
4060600	2210	2175	2112	2075	2050	2030	2000	1098

Dimensions in millimeters (mm) unless otherwise indicated.

Technical Specifications

PS Modular Freestanding Enclosures – One Door



Mounting panel adjustable
in 25 mm/0.98" increments

Enclosure																Mounting Panel	
Part No.	Width dimensions								Depth dimensions							Mounting panel	
	W1	W2	W3	W5	W6	W7	W8	W9	D1	D2	D3	D4	D5	D6	D7	F	G
4666600	599	592	512	475	455	475	535	401	602	475	502	549	469	149-549	225	499	1496
4684600	599	592	512	475	455	475	535	401	402	275	302	349	269	149-349	325	499	1696
4686600	599	592	512	475	455	475	535	401	602	475	502	549	469	149-549	525	499	1696
4688600	599	592	512	475	455	475	535	401	802	675	702	749	669	149-749	725	499	1696
4884600	799	792	712	675	655	675	735	601	402	275	302	349	269	149-349	325	699	1696
4885600	799	792	712	675	655	675	735	601	502	375	402	449	369	149-449	425	699	1696
4886600	799	792	712	675	655	675	735	601	602	475	502	549	469	149-549	525	699	1696
4084600	999	992	912	875	855	875	935	801	402	275	302	349	269	149-349	325	899	1696
4605600	599	592	512	475	455	475	535	401	502	375	402	449	369	149-449	425	499	1896
4606600	599	592	512	475	455	475	535	401	602	475	502	549	469	149-549	525	499	1896
4608600	599	592	512	475	455	475	535	401	802	675	702	749	669	149-749	725	499	1896
4804600	799	792	712	675	655	675	735	601	402	275	302	349	269	149-349	325	699	1896
4805600	799	792	712	675	655	675	735	601	502	375	402	449	369	149-449	425	699	1896
4806600	799	792	712	675	655	675	735	601	602	475	502	549	469	149-549	525	699	1896
4808600	799	792	712	675	655	675	735	601	802	675	702	749	669	149-749	725	699	1896
4626600	599	592	512	475	655	475	535	401	602	475	502	549	469	149-549	525	499	2096
4826600	799	792	712	675	655	675	735	601	602	475	502	549	469	149-549	525	699	2096
4828600	799	792	712	675	655	675	735	601	802	675	702	749	669	149-749	725	699	2096
4060600	999	992	912	875	855	875	935	801	602	475	502	549	469	149-549	525	899	2096

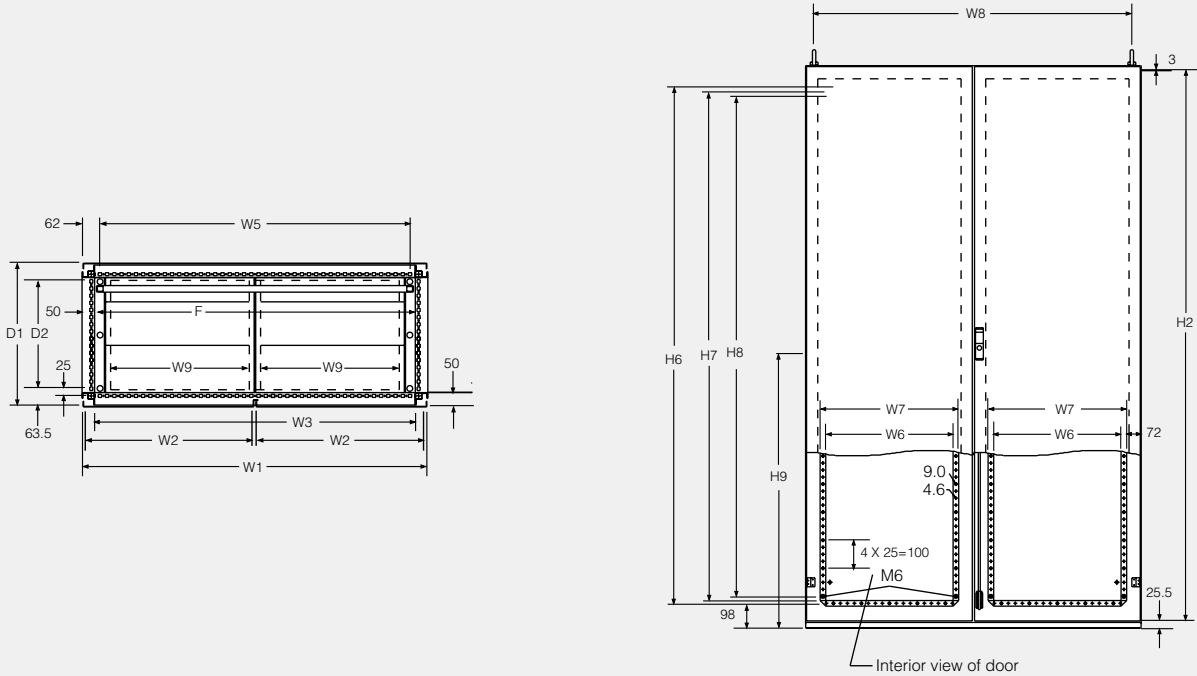
Dimensions in millimeters (mm) unless otherwise indicated.





Technical Specifications

PS Modular Freestanding Enclosures – Two Door



- Enclosure**
- H1 = total height
 - H2 = height of rear wall and door
 - H3 = available space between frame members
 - H5 = span of installation holes
 - H6 = distance between installation holes on top and bottom members of door frame
 - H7 = available space between top and bottom members of door frame
 - H8 = distance between door frame fasteners
 - H9 = distance between bottom and center of lock
 - W1 = available space between frame members
 - W2 = width of door
 - W3 = overall or total width
 - W5 = span of installation holes/distance between cable base mounting holes
 - W6 = available space between vertical members of door frame
 - W7 = distance between installation holes on vertical members of door frame
 - W8 = distance between eye bolts
 - W9 = available space in bottom opening
 - D1 = total depth
 - D2 = span of installation holes/distance between cable base mounting holes
 - D3 = available space between vertical frame members
 - D4 = depth of bottom of frame
 - D5 = available space in bottom opening
 - D6 = area where mounting panel can be installed
 - D7 = distance between eye bolts

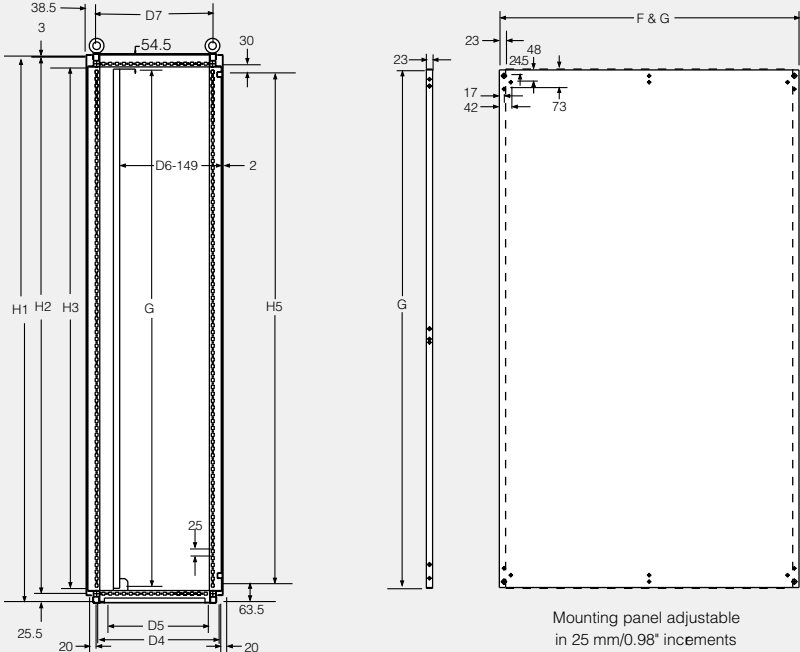
- Mounting panel**
- F = overall width
 - G = overall height

Enclosure								
Part No.	Height dimensions							
	H1	H2	H3	H5	H6	H7	H8	H9
4284600	1810	1775	1712	1675	1650	1630	1600	898
4285600	1810	1775	1712	1675	1650	1630	1600	898
4005600	2010	1975	1912	1875	1850	1830	1800	998
4006600	2010	1975	1912	1875	1850	1830	1800	998
4205600	2010	1975	1912	1875	1850	1830	1800	998
4206600	2010	1975	1912	1875	1850	1830	1800	998
4226600	2210	2175	2112	2075	2050	2030	2000	1098

Dimensions in millimeters (mm) unless otherwise indicated.

Technical Specifications

PS Modular Freestanding Enclosures – Two Door



Mounting panel adjustable
in 25 mm/0.98" increments

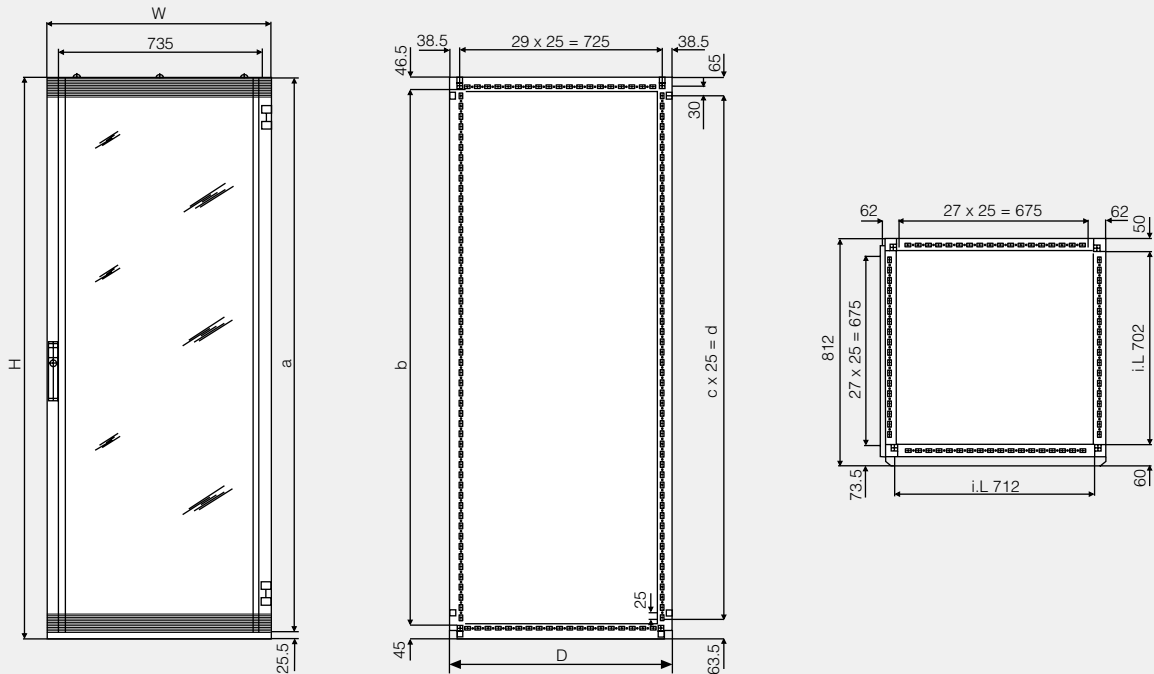
Enclosure																Mounting Panel	
Part No.	Width dimensions								Depth dimensions							Mounting panel	
	W1	W2	W3	W5	W6	W7	W8	W9	D1	D2	D3	D4	D5	D6	D7	F	G
4284600	1199	592	1112	475	455	1075	1135	481	402	275	302	349	269	149-349	325	1099	1696
4285600	1199	592	1112	475	455	1075	1135	481	502	375	402	449	369	149-449	425	1099	1696
4005600	999	492	912	375	355	375	935	801	502	375	402	449	369	149-449	425	899	1896
4006600	999	492	912	375	355	375	935	801	602	475	502	549	469	149-549	525	899	1896
4205600	1199	592	1112	475	455	1075	1135	481	502	375	402	449	369	149-449	425	1099	1896
4206600	1199	592	1112	475	455	1075	1135	481	602	475	502	549	469	149-549	525	1099	1896
4226600	1199	592	1112	475	455	1075	1135	481	602	475	502	549	469	149-549	525	1099	2096

Dimensions in millimeters (mm) unless otherwise indicated.





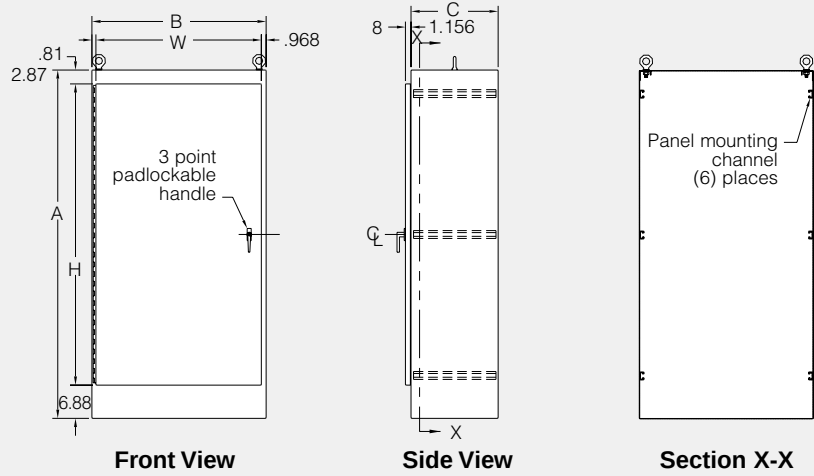
Technical Specifications
PS Network Enclosures



Enclosure																	
Part No. With Sidewalls RAL 7032 Pebble Grey	Part No. Without Sidewalls RAL 7032 Pebble Grey	Part No. With Sidewalls RAL 9005 Black	U	Dimensions						a		b		c		d	
				inches			mm										
				H	W	D	H	W	D	inches	mm	inches	mm	inches	mm	inches	mm
9967600	9967601	-	24	47.2	23.6	23.6	1200	600	600	46.25	1175	43.8	1112	1.7	43	42.3	1075
9967602	9967603	-	24	47.2	23.6	31.5	1200	600	800	46.25	1175	43.8	1112	1.7	43	42.3	1075
9967604	9967605	-	24	47.2	31.5	31.5	1200	800	800	46.25	1175	43.8	1112	1.7	43	42.3	1075
9967606	9967607	-	36	70.1	23.6	23.6	1800	600	600	46.25	1775	67.4	1712	2.6	67	65.9	1675
9967608	9967609	-	36	70.1	23.6	31.5	1800	600	800	46.25	1775	67.4	1712	2.6	67	65.9	1675
9967610	9967611	-	36	70.1	31.5	31.5	1800	800	800	46.25	1775	67.4	1712	2.6	67	65.9	1675
9967612	9967613	9967695	42	78.7	23.6	23.6	2000	600	600	77.8	1975	75.3	1912	3	75	73.8	1875
9967614	9967615	9967694	42	78.7	23.6	31.5	2000	600	800	77.8	1975	75.3	1912	3	75	73.8	1875
9967616	9967617	9967696	42	78.7	31.5	31.5	2000	800	800	77.8	1975	75.3	1912	3	75	73.8	1875
9967618	9967619	9967697	47	86.6	23.6	23.6	2200	600	600	85.6	2175	83.1	2112	3.3	83	81.7	2075
9967620	9967621	-	47	86.6	23.6	31.5	2200	600	800	85.6	2175	83.1	2112	3.3	83	81.7	2075
9967622	9967623	-	47	86.6	31.5	31.5	2200	800	800	85.6	2175	83.1	2112	3.3	83	81.7	2075

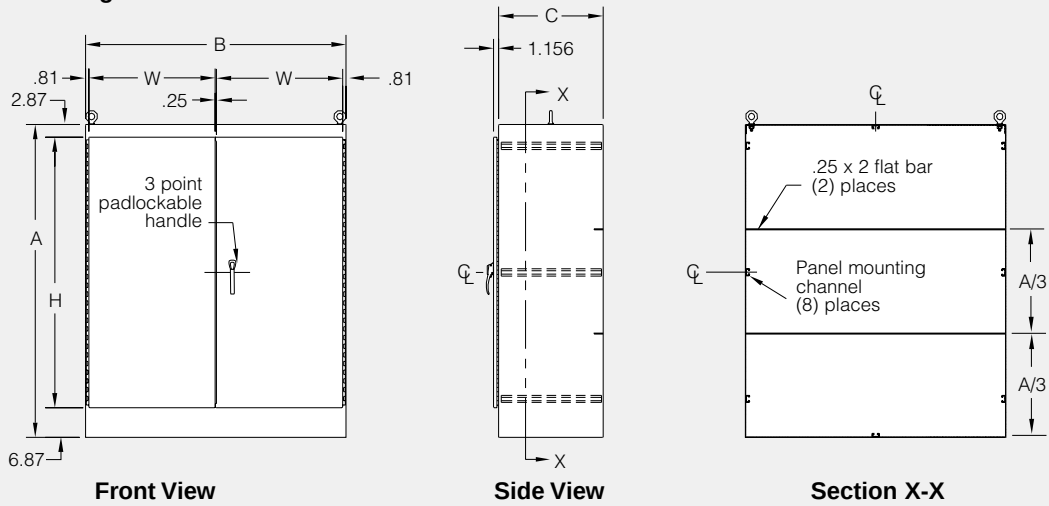


Technical Specifications
One Door Freestanding Cabinets



Enclosure							Mounting Panel						
Part No.	Outside dimensions (inches)			Door size		Maximum usable depth panel installed	Part No.	Description	Panel size		Fits enclosure		
	H	W	D	H	W				H	W	A	B	
	A	B	C										
One Door, Single Access													
E 602418FS	60.00	24.00	18.00	50.25	22.22	17.63	E 60P24F1	FULL PANEL	48.00	20.00	60.00	24.00	
E 722418FS	72.00	24.00	18.00	62.25	22.22	17.63	E 72P24F1	HALF PANEL	24.88	20.00	60.00	24.00	
E 723018FS	72.00	30.00	18.00	62.25	28.22	17.63	E 72P30F1	FULL PANEL	60.00	20.00	72.00	24.00	
E 723618FS	72.00	36.00	18.00	62.25	34.22	17.63	E 72P36F1	HALF PANEL	30.88	20.00	72.00	24.00	
E 903620FS	90.00	36.00	20.00	80.25	34.22	19.63	E 90P36F1	HALF PANEL	39.88	20.00	90.00	24.00	
E 722424FS	72.00	24.00	24.00	62.25	22.22	23.63	E 72P24F1	HALF PANEL	30.88	26.00	72.00	30.00	
E 723624FS	72.00	36.00	24.00	62.25	34.22	23.63	E 72P36F1	HALF PANEL	24.88	32.00	60.00	36.00	
E 903624FS	90.00	36.00	24.00	80.25	34.22	23.63	E 90P36F1	FULL PANEL	60.00	32.00	72.00	36.00	

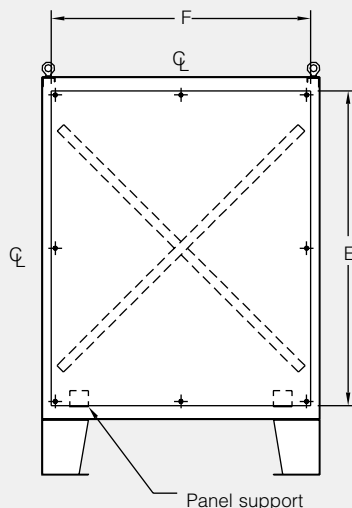
Two Door Freestanding Cabinets



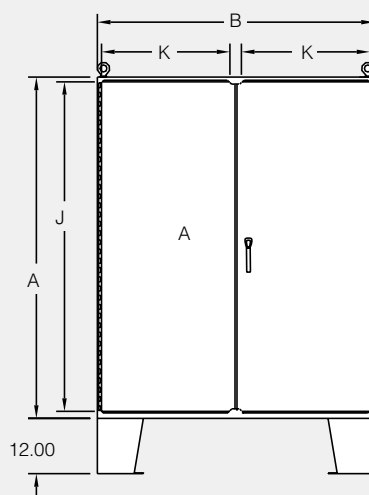
Enclosure							Mounting Panel				
Part No.	Outside dimensions (inches)			Door size		Maximum usable depth panel installed	Part No.	Panel size		Fits enclosure	
	H	W	D					H	W	A	B
	A	B	C	H	W						
Two Door, Single Access											
E 724818FSDD	72.00	48.00	18.00	62.25	23.06	15.13	E 72P48F1	60.00	44.00	72.00	48.00
E 907220FSDD	90.00	72.00	20.00	80.25	35.06	17.13	E 90P72F1	60.00	56.00	72.00	60.00
E 724824FSDD	72.00	48.00	24.00	62.25	23.06	21.13	E 72P48F1	30.88	56.00	72.00	60.00
E 727224FSDD	72.00	72.00	24.00	62.25	35.06	21.13	E 72P72F1	30.88	68.00	72.00	72.00
E 907224FSDD	90.00	72.00	24.00	80.25	35.06	21.13	E 90P72F1	78.00	68.00	90.00	72.00

Technical Specifications

Two Door Floormount Enclosures



Section Y-Y

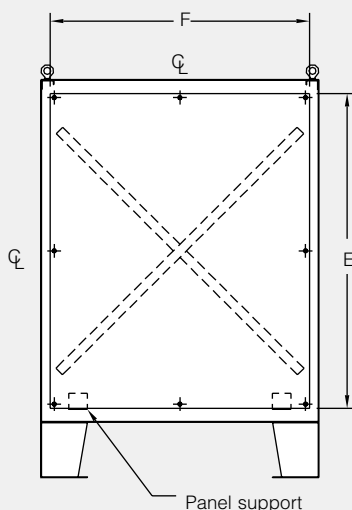


Front View

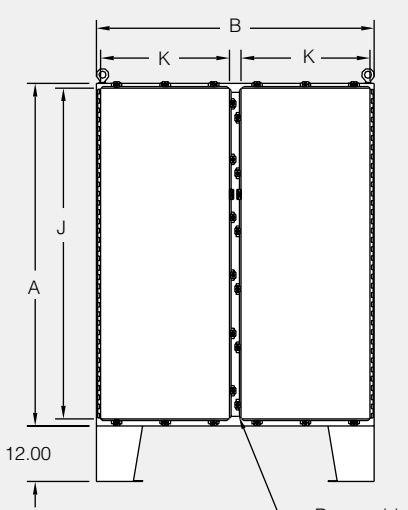


Side View

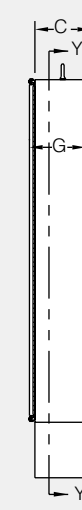
NEMA 12 Enclosure						Mounting Panel			
Part No.	Outside dimensions (inches)			Door size		Part No.	Panel size		Usable depth
	H	W	D						
	A	B	C	J	K		E	F	
E 604808	60.00	48.00	8.00	58.25	23.06	E 60P48	56.00	44.00	8.00
E 604810	60.00	48.00	10.00	58.25	23.06	E 60P48	56.00	44.00	10.00
E 606010	60.00	60.00	10.00	58.25	29.06	E 60P60	56.00	56.00	10.00
E 726010	72.00	60.00	10.00	70.25	29.06	E 72P60	68.00	56.00	10.00
E 727210	72.00	72.00	10.00	70.25	35.06	E 72P72	68.00	68.00	10.00
E 604812	60.00	48.00	12.00	58.25	23.06	E 60P48	56.00	44.00	12.00
E 606012	60.00	60.00	12.00	58.25	29.06	E 60P60	56.00	56.00	12.00
E 726012	72.00	60.00	12.00	70.25	29.06	E 72P60	68.00	56.00	12.00
E 727212	72.00	72.00	12.00	70.25	35.06	E 72P72	68.00	68.00	12.00
E 604816	60.00	48.00	16.00	58.25	23.06	E 60P48	56.00	44.00	16.00
E 606016	60.00	60.00	16.00	58.25	29.06	E 60P60	56.00	56.00	16.00
E 726016	72.00	60.00	16.00	70.25	29.06	E 72P60	68.00	56.00	16.00
E 727216	72.00	72.00	16.00	70.25	35.06	E 72P72	68.00	68.00	16.00
E 727220	72.00	72.00	20.00	70.25	35.06	E 72P72	68.00	68.00	20.00



Section Y-Y



Front View



Side View

NEMA 4 Enclosure						Mounting Panel			
Part No.	Outside dimensions (inches)			Door size		Part No.	Panel size		Usable depth
	H	W	D				E	F	
	A	B	C	J	K		E 72P72	68.00	68.00
E 74H72J	74.00	72.00	24.00	71.50	33.81				