

## VYNCOPACT

### Features

- The frame is formed of pultruded polyester profiles containing 70% long-stranded glass fibers.
- Doors and panels are made of gray (RAL 7036) hot compression-molded fiberglass reinforced polyester.
- Doors are mounted on internal hinges and have a five-point latch system. Keyed and padlockable handles available.
- Front, rear and side access doors available.
- The polyester profiles partitioning the doors are easily removed to facilitate the incorporation of electrical equipment, and modular adjustable interior framework is available.
- Gasketed and bonded windows can be installed to provide easy visual inspection of interior components.
- Free standing or modular design, corrosion resistant throughout and maintenance free.
- Can withstand wide temperature range: -58°F to +302°F (-50°C to +150°C), momentary +392°F (200°C)
- Provide optimum safety and security because they feature total insulation and degree of protection **IP55-11** according to IEC 529.

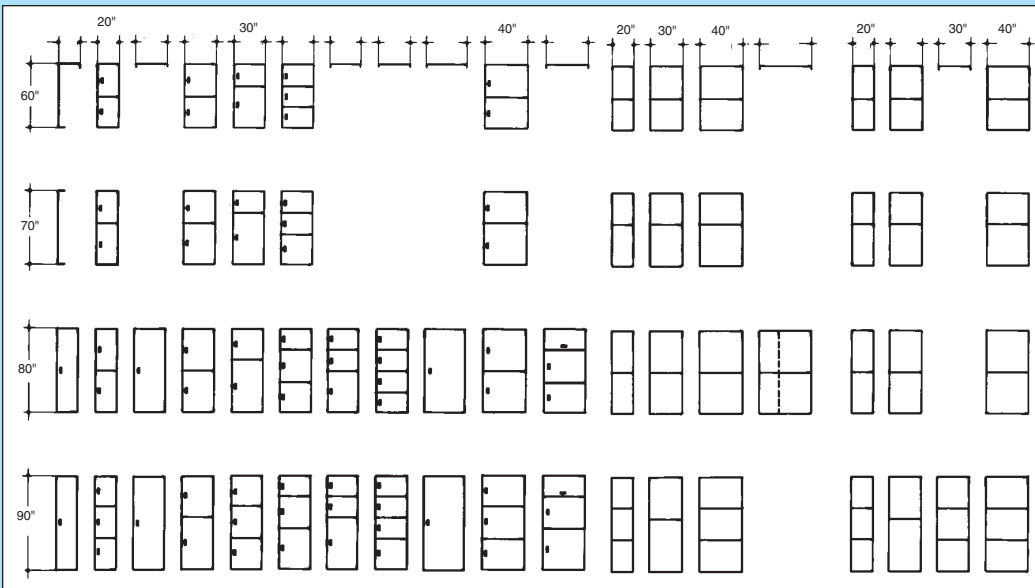
### Applications

Designed to house electrical and electronic controls, instruments and components in areas which may be subject to hose down or are otherwise wet. Designed for use in areas where serious corrosion problems exist. Suitable for use outdoors, or in dairies, petrochemical plants, sewage plants, food processing areas, packing plants, marine environments and similar installations. UV stabilized for indoor and outdoor.



### Accessories

- Custom windows are available. Contact factory for pricing and layout information.
- Rainhoods are also available. Contact factory for pricing and layout information.
- Ventilators are the same ones used in Superpolyrel and VJ Series model number MEDV.
- Print Pocket with self adhesive model number 1021.020.
- Louver panel 7 1/2" x 5 7/8" approximately 2.5 square inches of opening model number 70000.261.
- Heater, heater fans and thermostats.
- Doors with side flanges for disconnects and controls.
- 19" rack system.



### Standards



UL 508 types 3, 3R, 3S, 4, 4X and 12



CSA types 4 and 5



The framework is made up from pultruded sections of fiberglass (with 70% by weight of glass fiber). The corners are braced with interior fitted (and fully sealed) metal brackets. This gives an extremely strong and rigid structure.

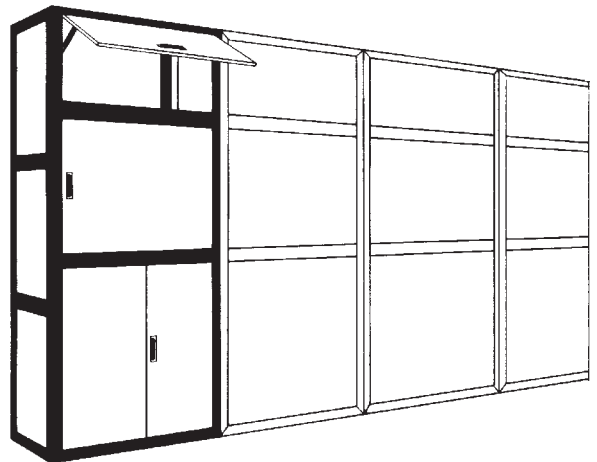


Hot compression molded doors and panels are then added, complete with neoprene gasketing. Front, side or rear mount doors available.

VYNCOPACT



Horizontal or vertical interior panels. Fully adjustable hardware available.



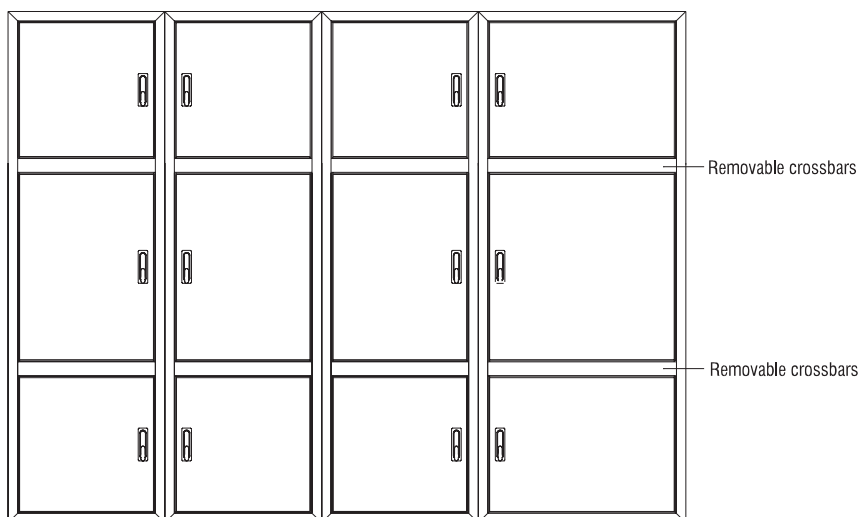
**Modular system construction.**

- Because of the modular design, for ease of handling and transportation, large units are supplied as separate cells.
- The size of single cells can be selected by combining the basic modules as shown above.
- Cells are easily assembled on site. Separate cells may however be readily equipped in our workshops on request.

## FRP NEMA rating 3, 3R, 4, 4X, 12 & 13 enclosures Vyncopact Standard Module

Catalog Number	Overall			Std. Number of Doors	Back Plate	Dimensions	
	H	W	D				
VP603020	60	30	20	2	BP6030	55	25
	1524	762	508			1397	635
VP603030	60	30	30	2	BP6030	55	25
	1524	762	762			1397	635
VP604020	60	40	20	2	BP6040	55	35
	1524	1016	508			1397	889
VP604030	60	40	30	2	BP6040	55	35
	1524	1016	762			1397	889
VP703020	70	30	20	2	BP7030	65	25
	1778	762	508			1651	635
VP703030	70	30	30	2	BP7030	65	25
	1778	762	762			1651	635
VP704020	70	40	20	2	BP7040	65	35
	1778	1016	508			1651	889
VP704030	70	40	30	2	BP7040	65	35
	1778	1016	762			1651	889
VP803020	80	30	20	2	BP8030	75	25
	2032	762	508			1905	635
VP803030	80	30	30	2	BP8030	75	25
	2032	762	762			1905	635
VP804020	80	40	20	2	BP8040	75	35
	2032	1016	508			1905	889
VP804030	80	40	30	2	BP8040	75	35
	2032	1016	762			1905	889
VP903020	90	30	20	3	BP9030	85	25
	2286	762	508			2159	635
VP903030	90	30	30	3	BP9030	85	25
	2286	762	762			2159	635
VP904020	90	40	20	3	BP9040	85	35
	2286	1016	508			2159	889
VP904030	90	40	30	3	BP9040	85	35
	2286	1016	762			2159	889

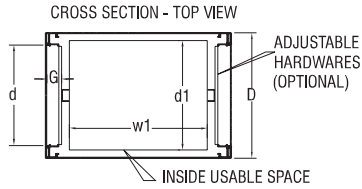
Application: VP Modular System Construction



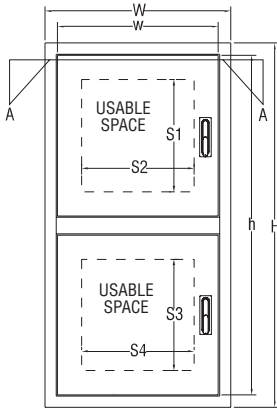
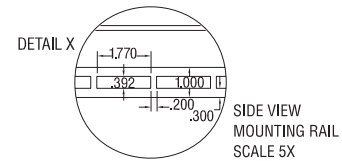
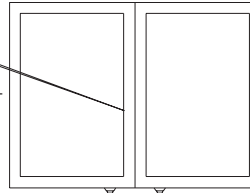
\*Consult factory for models of 40" depth  
 Consult factory for single door

NOTE: ■ - Millimeters

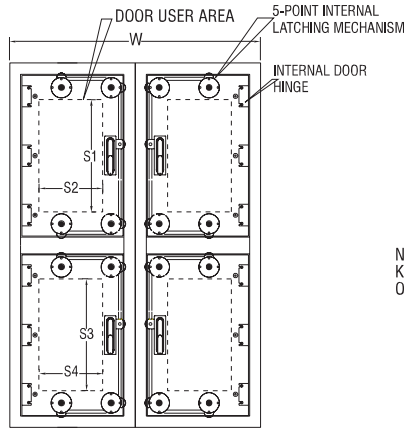
1. Decide which size of basic module is best suited to your application (double or triple doors according to height needed).
2. Decide number of modules needed (openings between adjacent modules unobstructed).
3. Cubicles are delivered with vertical stiles, adjustable in depth by use of horizontal support bars.
4. Custom versions on request (e.g. modules provided with rainhood, side doors, etc.)



ENCLOSURE COUPLED TOGETHER WITH 5/16" HARDWARE, INNER SIDE PANELS TO BE LEFT INTACT FOR TWO SEPARATE COMPARTMENTS.

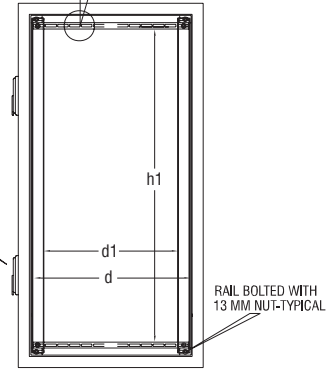


TYPE: VP603020

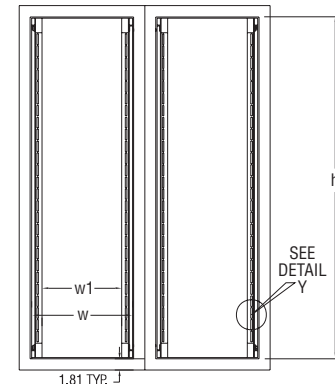
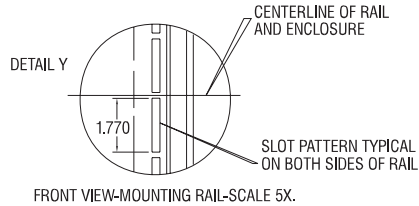


TYPE: VP604030

SIDE VIEW-CROSSBAR & PANELS REMOVED  
SEE DETAIL X



- NOTES:
1. FRAME FORMED OF EXTRUDED POLYESTER PROFILES CONTAINING 70% LONG-STRAINED GLASS FIBERS.
  2. DOORS AND PANELS ARE MADE OF GRAY (RAL 7036) HOT COMPRESSION-MOLDED FIBERGLASS REINFORCED POLYESTER.
  3. TEMPERATURE RANGE = -50 C TO + 150 C
  4. VENTILATION AVAILABLE: VYNCKIER PART #S LOUVER, MEDJ
  5. RATINGS:  
U.L. 508 FILE# E 54315: TYPES 3, 3R, 3S, 4, 4X, AND 12.  
IEC 529: IP55-11.  
CSA: TYPES 3 AND 4.



Catalog Number	Outside			Inside			No. of Doors	Door User Spaces				Inside Usable Space		
	H	W	D	h	w	d		S1	S2	S3	S4	h1	w1	d1
VP603020	60.00	30.50	20.62	55.00	26.00	16.12	2	18.50	20.00	18.50	20.00	51.50	22.75	18.00
VP603030	60.00	30.50	30.50	55.00	26.00	26.00	2	18.50	20.00	18.50	20.00	51.50	22.75	28.00
VP604020	60.00	40.37	20.62	55.00	35.87	16.12	2	18.50	30.00	18.50	30.00	51.50	32.75	18.00
VP604030	60.00	40.37	30.50	55.00	35.87	26.00	2	18.50	30.00	18.50	30.00	51.50	32.75	28.00
VP703020	70.00	30.50	20.62	65.00	26.00	16.12	2	18.50	20.00	18.50	20.00	61.50	22.75	18.00
VP703030	70.00	30.50	30.50	65.00	26.00	26.00	2	18.50	20.00	28.00	20.00	61.50	22.75	28.00
VP704020	70.00	40.37	20.62	65.00	35.87	16.12	2	18.50	30.00	28.00	30.00	61.50	32.75	18.00
VP704030	70.00	40.37	30.50	65.00	35.87	26.00	2	18.50	30.00	28.00	30.00	61.50	32.75	28.00
VP803020	79.75	30.50	20.62	74.75	26.00	16.12	2	28.00	20.00	28.00	20.00	71.25	22.75	18.00
VP803030	79.75	30.50	30.50	74.75	26.00	26.00	2	28.00	20.00	28.00	20.00	71.25	22.75	28.00
VP804020	79.75	40.37	20.62	74.75	35.87	16.12	2	28.00	30.00	28.00	30.00	71.25	32.75	18.00
VP804030	79.75	40.37	30.50	74.75	35.87	26.00	2	28.00	30.00	28.00	30.00	71.25	32.75	28.00
VP805030	CONSULT FACTORY													
VP903020	89.62	30.50	20.62	84.62	26.00	16.12	3	18.50	20.00	18.50	20.00	81.12	22.75	18.00
VP903030	89.62	30.50	30.50	84.62	26.00	26.00	3	18.50	20.00	18.50	20.00	81.12	22.75	28.00
VP904020	89.62	40.37	20.62	84.62	35.87	16.12	3	18.50	30.00	18.50	30.00	81.12	32.75	18.00
VP904030	89.62	40.37	30.50	84.62	35.87	26.00	3	18.50	30.00	18.50	30.00	81.12	32.75	28.00

## VP SYSTEM

### Features

- Wall mount cabinets in 12 sizes, from 32" x 23" x 12" to 50" x 43" x 12".
- Floor standing units in 15 sizes, from 61" x 23" x 12" to 79" x 43" x 24".
- Cabinet is made from self-extinguishing, halogen-free hot compression-molded fiberglass reinforced polyester (FRP).
- Doors are 16-gauge steel with epoxy powder coat finish and have 3-point latch system.
- Internal component mounting frame system.
- Rear of cabinet is molded to accommodate vertical bus bars.
- Modular design allows for back-to-back and side-to-side coupling with continuous horizontal bus.
- Accessories include back panels, adjustable depth front panels, wall mounting brackets and bus bar system.
- Features total insulation and a high degree of protection IP54 (IEC 439).
- Temperature resistance: -58°F to +302°F (-50°C to +150°C), momentary +392°F (200°C)

### Applications

Designed for power distribution panels; cable splicing cabinets; DIN-rail mounting of relays, contractors and other IEC devices; and control and instrumentation panels.

### Standards

UL listed per standard 508 (only floor standing models)  
 UL pending on wall mounted units



### Technical Data

Vertical position of the rails			Horizontal position of the rails			
100mm <sup>2</sup>	340mm <sup>2</sup>	2x20x10	Inside 1 cabinet		With assembled cabinets	
			30x5	30x10	2x20x10	2x30x10



Current ratings (A)	400A	800A	630A	400A	630A	630A	1250A
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#### Short-circuit current values

Thermal short-circuit resistance (1 sec)

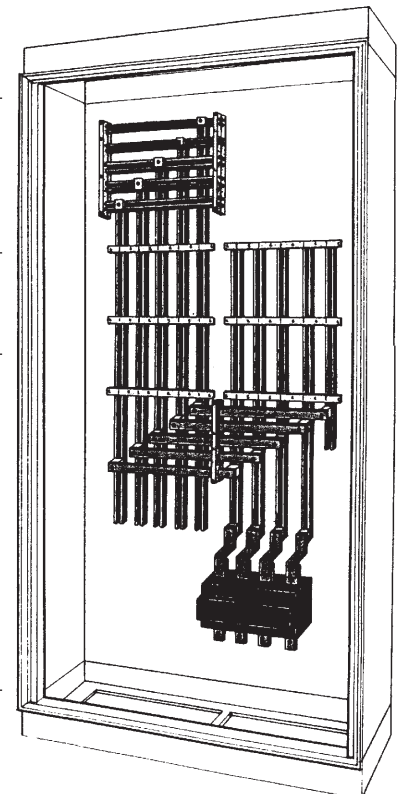
kA <sub>rms</sub>	25kA(0,3 s.)	30	55	32	32	32 - 52	12 - 56
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Dynamic short-circuit resistance

kA peak	65	105	65	65	65 - 105	65 - 105
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Center distance of busbar supports	225	225	225	i interm. support	392 - 218	392 - 218
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Rated Voltage (V)	660V	660V	660V	660V	660V	660V	660V
Insulating Voltage	660V	660V	660V	660V	660V	660V	660V
Test Voltage (V)	2,5kV	2,5kV	2,5kV	2,5kV	2,5kV	2,5kV	2,5kV



## FRP NEMA rating 3, 3R, 12 & 13 Floor Standing Enclosure

Catalog Number	Outside Dims			*Door Type	Backplate Number	Panel		Mounting Frame
	H	W	D			H	W	
VPS612312	61	23	12	SF	BP6123	53	20	AF6123
	1549	584	305			1346	508	
VPS612316	61	23	16	SF	BP6123	53	20	AF6123
	1549	584	406			1346	508	
VPS613312	61	33	12	SF	BP6133	53	30	AF6133
	1549	838	305			1346	762	
VPS613316	61	33	16	SF	BP6133	53	30	AF6133
	1549	838	406			1346	762	
VPS614312	61	43	12	DF	BP6143	53	40	AF6143
	1549	1092	305			1346	1016	
VPS614316	61	43	16	DF	BP6143	53	40	AF6143
	1549	1092	406			1346	1016	
VPS792312	79	23	12	SF	BP7923	71	20	AF7923
	2007	584	305			1803	508	
VPS792316	79	23	16	SF	BP7923	71	20	AF7923
	2007	584	406			1803	508	
VPS792324	79	23	24	SF	BP7923	71	20	AF7923
	2007	584	610			1803	508	
VPS792328	79	23	28	SF	BP7923	71	20	AF7923
	2007	584	711			1803	508	
VPS792332	79	23	32	SF	BP7923	71	20	AF7923
	2007	584	813			1803	508	
VPS792324SFR	79	23	24	SF/R	BP7923	71	20	AF7923
	2007	584	610			1803	508	
VPS792328SFR	79	23	28	SF/R	BP7923	71	20	AF7923
	2007	584	711			1803	508	
VPS792332SFR	79	23	32	SF/R	BP7923	71	20	AF7923
	2007	584	813			1803	508	
VPS793312	79	33	12	SF	BP7933	71	30	AF7933
	2007	838	305			1803	762	
VPS793316	79	33	16	SF	BP7933	71	30	AF7933
	2007	838	406			1803	762	
VPS793324	79	33	24	SF	BP7933	71	30	AF7933
	2007	838	610			1803	762	
VPS793328	79	33	28	SF	BP7933	71	30	AF7933
	2007	838	711			1803	762	
VPS793332	79	33	32	SF	BP7933	71	30	AF7933
	2007	838	813			1803	762	
VPS793324SFR	79	33	24	SF/R	BP7933	71	30	AF7933
	2007	838	610			1803	762	
VPS793328SFR	79	33	28	SF/R	BP7933	71	30	AF7933
	2007	838	711			1803	762	
VPS793332SFR	79	33	32	SF/R	BP7933	71	30	AF7933
	2007	838	813			1803	762	
VPS794312	79	43	12	DF	BP7943	71	40	AF7943
	2007	1092	305			1803	1016	
VPS794316	79	43	16	DF	BP7943	71	40	AF7943
	2007	1092	406			1803	1016	
VPS794324	79	43	24	DF	BP7943	71	40	AF7943
	2007	1092	610			1803	1016	
VPS794328	79	43	28	DF	BP7943	71	40	AF7943
	2007	1092	711			1803	1016	
VPS794332	79	43	32	DF	BP7943	71	40	AF7943
	2007	1092	813			1803	1016	
VPS794324DFR	79	43	24	DF/R	BP7943	71	40	AF7943
	2007	1092	610			1803	1016	
VPS794328DFR	79	43	28	DF/R	BP7943	71	40	AF7943
	2007	1092	711			1803	1016	
VPS794332DFR	79	43	32	DF/R	BP7943	71	40	AF7943
	2007	1092	813			1803	1016	

\*SF: Single Front Access    \*SFR: Single Front and Rear Access    \*DF: Double Front Access    \*DFR: Double Front and Rear Access

Wall mounted Enclosures available in sizes from 32 x 23 x 12 to 50 x 43 x 12. Please consult the factory.

NOTE: ■ - Millimeters