Heavy-Duty Manufacturing

Three-Point Lock Rod

14-Gauge Steel Frame

Dual, Split-Door Option

One-Piece Door Option

OPTIMA • STANTRON
PIONEER ENCLOSURES

The Pioneer enclosure is the cornerstone of our enclosure line, offering flexibility, versatility and strength to meet the requirements of any Broadcast application. Pioneer enclosures are offered in Pre-Configured, Configure-Your-Own and Seismic models, with more than 25 different sizes creating hundreds of configuration possibilities. Plus a multitude of accessories are available, including shelving, cable management, cooling, power solutions and more.

PRE-CONFIGURED

PRE-CONFIGURED
The easy-to-order cabinet solution
Several unique Pre-Configured series to choose from
Initial and Add-on modules available:
AVB Kits
Two Heights (40U and 45U)
Three Depths (25", 30" and 36" external)
One Width (22.16" external)
Available with Tapped Mounting Rails, or optional Square Holed Mounting Rails for Cage-Nut applications are available
Can be bayed together for a completely integrated system solution

CONFIGURE-YOUR-OWN

CONFIGURE-YOUR-OWN
The versatile config-your own cabinet solution
Nine Heights (12U, 25U, 30U, 35U, 40U, 42U, 45U, 48U and 50U)
Four Depths (25", 30", 36" and 42" external)
Three Widths (22", 24" and 27" external)
19" EIA, 23" TIA or 24" EIA rack-mounting configurations
Wide variety of accessories available
Can be bayed together for a completely integrated system solution
UBC Seismic Compliant

SEISMIC

SEISMIC
The strength you need
Five Heights (35U, 40U, 42U, 45U and 48U)
Four Depths (25", 30", 36" and 42" external)
3 Widths (22", 24" and 27" external)
19" EIA, 23" TIA or 24" EIA rack-mounting configurations
Wide variety of accessories available
Can be bayed together for a completely integrated system solution
NEBS Zone GR–63–CORE compliant

ACCESSORIES

Shelving

Riser Bases

Cable Management

Rack-Mount Power Options

Filler Panels

Top Fan Panels

AVB Pre-Configured Initial Assemblies

	Order code	Overall Depth*	Overall Width**	Overall Height	Rack Units	VPO	HPO
Series 1 AVB Initial Kits	PVK122MT7025	25.63"					
	PVK122MT7030	30.88"	22.16"	78.75"	40U	70.25"	19"
	PVK122MT7036	36.12"					
	PVK122MT7825	25.63"					
	PVK122MT7830	30.88"	22.16"	87.50"	45U	78.75"	19"
	PVK122MT7836	36.12"					
Series 2 AVB Initial Kits	PVK222MT7025	25.63"					
	PVK222MT7030	30.88"	22.16"	78.75"	40U	70.25	19"
	PVK222MT7036	36.12"					
	PVK222MT7825	25.63"					
	PVK222MT7830	30.88"	22.16"	87.50"	45U	78.75"	19"
	PVK222MT7836	36.12"					
Series 3 AVB Initial Kits	PVK322MT7025	25.63"					
	PVK322MT7030	30.88"	22.16"	78.75"	40U	70.25	19"
	PVK322MT7036	36.12"					
	PVK322MT7825	25.63"					
	PVK322MT7830	30.88"	22.16"	87.50"	45U	78.75"	19"
	PVK322MT7836	36.12"					
Series 4 AVB Initial Kits	PVK422MT7025	25.63"					
	PVK422MT7030	30.88"	22.16"	78.75"	40U	70.25	19"
	PVK422MT7036	36.12"					
	PVK422MT7825	25.63"					
	PVK422MT7830	30.88"	22.16"	87.50"	45U	78.75"	19"
	PVK422MT7836	36.12"					

AVB Pre-Configured Add-on Assemblies (Add-on Assemblies do not include side panels)

	Order code	Overall Depth	Overall Width	Overall Height	Rack Units	VPO	HPO
Series 1 AVB Add-on Kits	PVA122MT7025	25.63"					
	PVA122MT7030	30.88"	22.16"	78.75"	40U	70.25"	19"
	PVA122MT7036	36.12"					
	PVA122MT7825	25.63"					
	PVA122MT7830	30.88"	22.16"	87.50"	45U	78.75"	19"
	PVA122MT7836	36.12"					
Series 2 AVB Add-on Kits	PVA222MT7025	25.63"					
	PVA222MT7030	30.88"	22.16"	78.75"	40U	70.25	19"
	PVA222MT7036	36.12"					
	PVA222MT7825	25.63"					
	PVA222MT7830	30.88"	22.16"	87.50"	45U	78.75"	19"
	PVA222MT7836	36.12"					

Contents of kits

AVB Series 1	Enclosure frame, base with (4) levelers, solid rear door, blank – non-locking handle, solid side panel set and two pair (4) 10-32 tapped mounting rails
AVB Series 2	Enclosure frame, base with (4) levelers, vented rear door, blank – non-locking handle, vented side panel set and two pair (4) 10-32 tapped mounting rails
AVB Series 3	Enclosure frame, base with (4) levelers, vented rear door, blank – non-locking handle, solid side panel set and two pair (4) 10-32 tapped mounting rails
AVB Series 4	Enclosure frame, base with (4) levelers, solid rear door, blank – non-locking handle, vented side panel set and two pair (4) 10-32 tapped mounting rails

* Overall depth of cabinet without doors – add 1.39" for a single door with handle.

** Overall width of cabinet without side panels – add 1.20" for a set of side panels.

Note: All frames are available in the standard color offering: M – Black, F – Computer Gray, P – Light Gray and E – Royal Blue

SIX EASY STEPS TO A CONFIGURED PIONEER CABINET

Pioneer cabinets are offered in a wide variety of sizes and accessory options that give you the flexibility to configure your own enclosure to suit your specific application needs. Use this simple 6-step process to configure your own Pioneer enclosure. Be sure to record the part number at each step.

STEP 1: SELECT YOUR FRAME

Choose the appropriate height, depth and width frame along with the type of mounting rails you would like.

STEP 2: CHOOSE DOOR & HANDLE/LOCK STYLE

Choose the quantity, style, and hinged preference door (front and rear) that best suits your application. If not specified, each door will be left hinged. Be sure to order your handles. Handles/locks must be ordered as a separate line item—they are not included in door part number. See page 19 for a listing of the available lock & handle options.

STEP 3: CHOOSE SIDE PANELS

Choose the side panels that best protect your equipment and provide the ventilation your installation requires. Side panels are sold as pairs.

STEP 4: CHOOSE TOP PANELS

Select top panels that best fit your ventilation and cable management needs.

STEP 5: ADD ACCESSORIES

Finish your cabinet by adding the specific functionality to suit your application; select from equipment shelves, Power Options, lighting options, cable management, grounding bars and more.

STEP 6: CHOOSE COLOR

Pioneer cabinets are available in 4 color choices. Add the code letter for the color you want to each part number. Color choices and code letters are: Black – M, Computer Gray – F, Light Gray – P or Royal Blue – E.

Top Panels
Top panels are offered in several different configurations based on your installation requirements. Three panel kits are available in full depth panels and in solid or perforated configurations.

Optional Fan Panels
Fan panels are available to provide extra ventilation to your cabinet. Fans are internally mounted at the top of the enclosure. Fan panels can either be the full depth or can also be ordered with 2 cable management panels included.

Mounting Rails
Rails are available with either 10-32 tapped mounting holes or clip-nut configurations.

14–Gauge Steel Construction
With a weight capacity of 2,000 lbs., Pioneer's heavy-duty frame uses the Interweld™ design with cross braces interlocked and welded into the corner post.

Front and/or Rear Doors
Doors are available in solid, vented, perforated, perforated edge Plexiglas*and solid edge Plexiglas configurations. Can be either left- or right-hand swinging. Solid, vented and perforated doors are also available in split design. Don't forget to specify the handle type you require; non-locking, key-lock or combination lock. Three-point latching kits are also available for most doors.

Rack-Mount or Vertical Power Strips
Add the power management accessories that your installation needs. Our Power Options line offers many different types of power, from rack-mount to vertical, from 15-amp to 20-amp and from low- to high-density.

Equipment Shelf (Optional)
A variety of shelves are available to suit your needs; short-depth, light-duty shelves; full-depth fixed; or roll-out shelves.

Side Panels
Several styles of side panels are available to fit your installation and ventilation requirements, from solid, vented or fully perforated. Side panels sold in pairs and include a lock on each panel for added security.

Raised Pontoon Sub-Base
Three-inch pontoon sub-base raises valuable equipment off the floor and can accommodate casters. Base includes levelers for on-site cabinet leveling. Bases can be inverted and used with anchor kits for floor mounting applications.

*Plexiglas® is a trademark of the Atoglas Company

Pioneer Enclosure Configure-Your-Own

STEP 1 – SELECT YOUR FRAME

Use the part numbering guides on this page to determine the catalog part numbers for the components of your Pioneer Cabinet. The tables in the Part Code Reference section will give you the relevant internal and external width, height and depth dimensions associated with each Pioneer frame and component.

Part Number Code References

WIDTH — Needed for STEPS 1 & 2

Part # Code	External Frame Width	Rack Mount Width
22	22.16"	19"
24	24.00"	19"
27	27.16"	19", 23", 24"

RACK MOUNT WIDTH — Needed for STEP 4

Part # Code	
19	Compatible with 22 & 24 Width Code Frames
24	Compatible with 27 Width Code Frames

HEIGHT — Needed for STEPS 1,2 & 3

Part # Code	U Height	VPO (Vertical Panel Opening)	External Frame Height
21	12U	21.00"	29.75"
44	25U	43.75"	52.50"
53	30U	52.50"	61.25"
61	35U	61.25"	70.00"
70	40U	70.00"	78.75"
74	42U	73.50"	82.25"
78	45U	78.75"	87.50"
84	48U	84.00"	92.75"
88	50U	87.50"	96.25"

DEPTH — Needed for STEPS 1,3 & 4

Part # Code	Usable Depth	External Frame Depth
25	24.38"	25.63"
30	29.63"	30.88"
36	34.87"	36.12"
42	40.12"	41.37"

STEP 1 – Select Your Frame

Pioneer	Width code	Rail Shape	Rail Mount Hole Type	Height Code	Depth Code	Color
P	**22**	**M**	**T**	**88**	**36**	**M**

P = Standard	22	M = M style	T = 10-32 Tapped	21	25	M = Black
PZ = Seismic	24	C = C style	S = Square (.375)	44	30	F = Computer Gray
	27	R = R style		53	36	P = Light Gray
		L = L style		61*	42	E = Royal Blue
				70*		
				74*		
				78*		
				84*		
				88		* = Seismic Heights

STEP 2 – Choose Door

Pioneer Door	Door Type	Width Code	Height Code	Hinge	Color
PD	**S**	**22**	**21**	**L**	**M**

	S = Solid	22	21	L = Left	M = Black
	LS = Plexiglas Solid Perimeter	24	44	R = Right	F = Computer Gray
	LP = Plexiglas Perforated Perimeter	27	53	S = Split	P = Light Gray
	P = Perforated		61		E = Royal Blue
	V = Vented		70		
			74		
			78		
			84		
			88		

Each door adds 1.39" to External Frame Depth

STEP 3 – Choose Side Panels

Pioneer Side Panel	Side Type	Height Code	Depth Code	Color
PS	**S**	**21**	**30**	**M**

	S = Solid	21	25	M = Black
	V = Vented	44	30	F = Computer Gray
	P = Perforated	53	36	P = Light Gray
		61	42	E = Royal Blue
		70		
		74		
		78		
		84		
		88		

Each Side Panel adds .60" to External Frame Width

STEP 4 – Choose Top Panels

Top Panel Type	Style	Rack Mount Width	Depth Code	Color
PT	**4F**	**19**	**25**	**M**

TFP = Full Depth,	S = Solid	19	25	M = Black
Single Piece	P = Perforated	24	30	F = Computer Gray
PT = 3-Piece Kit*	4F = 4 Fan		36	P = Light Gray
			42	E = Royal Blue

*Three-piece kits consist of one front cable access panel, one rear cable access panel and either a solid, perforated or four-fan center panel.

Configure-Your-Own

Usable Height 12U 21.00" VPO

		19" Rack Mount			
		25" Depth	30" Depth	36" Depth	42" Depth
		Order Code	Order Code	Order Code	Order Code
Step 1	**Rack Frame (each)**				
	12U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails[1]	P 22 MT2125	P 22 MT2130	P 22 MT2136	P 22 MT2142
	Usable Height	21.00" (12U)	21.00" (12U)	21.00" (12U)	21.00" (12U)
	External Frame Depth	25.63"	30.88"	36.12"	41.37"
	External Frame Width	22.16"	22.16"	22.16"	22.16"
	External Frame Height	29.75"	29.75"	29.75"	29.75"
Step 2	**Doors (each) *Specify L or R (Left/Right hand)[2,3]**				
	Solid	PDS 22 21*	PDS 22 21*	PDS 22 21*	PDS 22 21*
	Plexiglas Solid Perimeter	PDLS 22 21*	PDLS 22 21*	PDLS 22 21*	PDLS 22 21*
	Plexiglas Perforated Perimeter	PDLP 22 21*	PDLP 22 21*	PDLP 22 21*	PDLP 22 21*
	Perforated	PDP 22 21*	PDP 22 21*	PDP 22 21*	PDP 22 21*
	Vented	PDV 22 21*	PDV 22 21*	PDV 22 21*	PDV 22 21*
Step 3	**Side Panel (pair)**				
	Solid	PSS2125	PSS2130	PSS2136	PSS2142
	Vented	PSV2125	PSV2130	PSV2136	PSV2142
	Perforated	PSP2125	PSP2130	PSP2136	PSP2142
Step 4	**Top Panel (each)**				
	Solid	TFPS 19 25	TFPS 19 30	TFPS 19 36	TFPS 19 42
	Perforated	TFPP 19 25	TFPP 19 30	TFPP 19 36	TFPP 19 42
	Single Fan Panel w/4 Fans	TFP4F 19 25	TFP4F 19 30	TFP4F 19 36	TFP4F 19 42
	4 Fan Panel Kit w/cable management panels	PT4F 19 25	PT4F 19 30	PT4F 19 36	PT4F 19 42

Configure-Your-Own

Usable Height 25U 43.75" VPO

		19" Rack Mount			
		25" Depth	30" Depth	36" Depth	42" Depth
		Order Code	Order Code	Order Code	Order Code
Step 1	**Rack Frame (each)**				
	25U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails[1]	P 22 MT4425	P 22 MT4430	P 22 MT4436	P 22 MT4442
	Usable Height	43.75" (25U)	43.75" (25U)	43.75" (25U)	43.75" (25U)
	External Frame Depth	25.63"	30.88"	36.12"	41.37"
	External Frame Width	22.16"	22.16"	22.16"	22.16"
	External Frame Height	52.50"	52.50"	52.50"	52.50"
Step 2	**Doors (each) *Specify L or R (Left/Right hand)[2,3]**				
	Solid	PDS 22 44*⬚	PDS 22 44*⬚	PDS 22 44*⬚	PDS 22 44*⬚
	Plexiglas Solid Perimeter	PDLS 22 44*	PDLS 22 44*	PDLS 22 44*	PDLS 22 44*
	Plexiglas Perforated Perimeter	PDLP 22 44*	PDLP 22 44*	PDLP 22 44*	PDLP 22 44*
	Perforated	PDP 22 44*⬚	PDP 22 44*⬚	PDP 22 44*⬚	PDP 22 44*⬚
	Vented	PDV 22 44*⬚	PDV 22 44*⬚	PDV 22 44*⬚	PDV 22 44*⬚
Step 3	**Side Panel (pair)**				
	Solid	PSS4425	PSS4430	PSS4436	PSS4442
	Vented	PSV4425	PSV4430	PSV4436	PSV4442
	Perforated	PSP4425	PSP4430	PSP4436	PSP4442
Step 4	**Top Panel (each)**				
	Solid	TFPS 19 25	TFPS 19 30	TFPS 19 36	TFPS 19 42
	Perforated	TFPP 19 25	TFPP 19 30	TFPP 19 36	TFPP 19 42
	Single Fan Panel w/4 Fans	TFP4F 19 25	TFP4F 19 30	TFP4F 19 36	TFP4F 19 42
	4 Fan Panel Kit w/cable management panels	PT4F 19 25	PT4F 19 30	PT4F 19 36	PT4F 19 42

STEP 5 – ORDER DOOR HANDLE & OTHER ACCESSORIES, OPTIONS START ON PAGE 26

Notes: 1. M Style 10-32 tapped rails ship standard with every Pioneer cabinet unless otherwise specified. Also available in other rail shapes and with square holes.
*2. Specify LEFT or RIGHT hand door by adding L or R to door part#.
3. Be sure to order handles—must be ordered as a separate line item.
⬚4. For SPLIT door, add "S" to end of part number, but before color (Example: PDS2244SM). DO NOT specify L or R swing designation for split doors, which are sold in pairs.

22 Represents 22" width frames/doors, also available in 24" & 27" widths - see page 5 to determine exact part numbers for other widths

19 Represents 19" width top panels, also available in 24" width - see page 5 to determine exact part numbers for other width
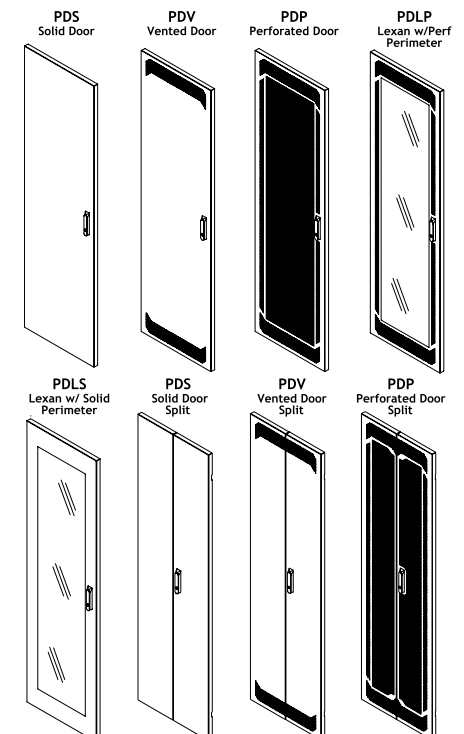
⬚ - tan indicates parts not available in Split Door versions

PDS Solid Door

PDV Vented Door

PDP Perforated Door

PDLP Lexan w/Perf Perimeter

PDLS Lexan w/ Solid Perimeter

PDS Solid Door Split

PDV Vented Door Split

PDP Perforated Door Split

Pioneer frame

Standard Solid Door - PDS

Configure-Your-Own — Usable Height 30U 52.50" VPO

		19" Rack Mount			
Usable Height 30U 52.50" VPO		25" Depth	30" Depth	36" Depth	42" Depth
		Order Code	Order Code	Order Code	Order Code
Rack Frame (each)					
30U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails[1]		P 22 MT5325	P 22 MT5330	P 22 MT5336	P 22 MT5342
Usable Height		52.50" (30U)	52.50" (30U)	52.50" (30U)	52.50" (30U)
External Frame Depth		25.63"	30.88"	36.12"	41.37"
External Frame Width		22.16"	22.16"	22.16"	22.16"
External Frame Height		61.25	61.25	61.25	61.25
Doors (each) *Specify L or R (Left/Right hand)[2,3]					
Solid		PDS 22 53*▯	PDS 22 53*▯	PDS 22 53*▯	PDS 22 53*▯
Plexiglas Solid Perimeter		PDLS 22 53*	PDLS 22 53*	PDLS 22 53*	PDLS 22 53*
Plexiglas Perforated Perimeter		PDLP 22 53*	PDLP 22 53*	PDLP 22 53*	PDLP 22 53*
Perforated		PDP 22 53*▯	PDP 22 53*▯	PDP 22 53*▯	PDP 22 53*▯
Vented		PDV 22 53*▯	PDV 22 53*▯	PDV 22 53*▯	PDV 22 53*▯
Side Panel (pair)					
Solid		PSS5325	PSS5330	PSS5336	PSS5342
Vented		PSV5325	PSV5330	PSV5336	PSV5342
Perforated		PSP5325	PSP5330	PSP5336	PSP5342
Top Panel (each)					
Solid		TFPS 19 25	TFPS 19 30	TFPS 19 36	TFPS 19 42
Perforated		TFPP 19 25	TFPP 19 30	TFPP 19 36	TFPP 19 42
Single Fan Panel w/4 Fans		TFP4F 19 25	TFP4F 19 30	TFP4F 19 36	TFP4F 19 42
4 Fan Panel Kit w/cable management panels		PT4F 19 25	PT4F 19 30	PT4F 19 36	PT4F 19 42

Step 1, Step 2, Step 3, Step 4

Configure-Your-Own — Usable Height 35U 61.25" VPO

		19" Rack Mount			
Usable Height 35U 61.25" VPO		25" Depth	30" Depth	36" Depth	42" Depth
		Order Code	Order Code	Order Code	Order Code
Rack Frame (each)					
35U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails[1]		P 22 MT6125	P 22 MT6130	P 22 MT6136	P 22 MT6136
Usable Height		61.25" (35U)	61.25" (35U)	61.25" (35U)	61.25" (35U)
External Frame Depth		25.63"	30.88"	36.12"	41.37"
External Frame Width		22.16"	22.16"	22.16"	22.16"
External Frame Height		70.00"	70.00"	70.00"	70.00"
Doors (each) *Specify L or R (Left/Right hand)[2,3]					
Solid		PDS 22 61*▯	PDS 22 61*▯	PDS 22 61*▯	PDS 22 61*▯
Plexiglas Solid Perimeter		PDLS 22 61*	PDLS 22 61*	PDLS 22 61*	PDLS 22 61*
Plexiglas Perforated Perimeter		PDLP 22 61*	PDLP 22 61*	PDLP 22 61*	PDLP 22 61*
Perforated		PDP 22 61*▯	PDP 22 61*▯	PDP 22 61*▯	PDP 22 61*▯
Vented		PDV 22 61*▯	PDV 22 61*▯	PDV 22 61*▯	PDV 22 61*▯
Side Panel (pair)					
Solid		PSS6125	PSS6130	PSS6136	PSS6142
Vented		PSV6125	PSV6130	PSV6136	PSV6142
Perforated		PSP6125	PSP6130	PSP6136	PSP6142
Top Panel (each)					
Solid		TFPS 19 25	TFPS 19 30	TFPS 19 36	TFPS 19 42
Perforated		TFPP 19 25	TFPP 19 30	TFPP 19 36	TFPP 19 42
Single Fan Panel w/4 Fans		TFP4F 19 25	TFP4 19 30	TFP4F 19 36	TFP4F 19 42
4 Fan Panel Kit w/cable management panels		PT4F 19 25	PT4F 19 30	PT4F 19 36	PT4F 19 42

Step 1, Step 2, Step 3, Step 4

Configure-Your-Own — Usable Height 40U 70.00" VPO

		19" Rack Mount			
Usable Height 40U 70.00" VPO		25" Depth	30" Depth	36" Depth	42" Depth
		Order Code	Order Code	Order Code	Order Code
Rack Frame (each)					
40U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails[1]		P 22 MT7025	P 22 MT7030	P 22 MT7036	P 22 MT7042
Usable Height		70.00" (40U)	70.00" (40U)	70.00" (40U)	70.00" (40U)
External Frame Depth		25.63"	30.88"	36.12"	41.37"
External Frame Width		22.16"	22.16"	22.16"	22.16"
External Frame Height		78.75"	78.75"	78.75"	78.75"
Doors (each) *Specify L or R (Left/Right hand)[2,3]					
Solid		PDS 22 70*▯	PDS 22 70*▯	PDS 22 70*▯	PDS 22 70*▯
Plexiglas Solid Perimeter		PDLS 22 70*	PDLS 22 70*	PDLS 22 70*	PDLS 22 70*
Plexiglas Perforated Perimeter		PDLP 22 70*	PDLP 22 70*	PDLP 22 70*	PDLP 22 70*
Perforated		PDP 22 70*▯	PDP 22 70*▯	PDP 22 70*▯	PDP 22 70*▯
Vented		PDV 22 70*▯	PDV 22 70*▯	PDV 22 70*▯	PDV 22 70*▯
Side Panel (pair)					
Solid		PSS7025	PSS7030	PSS7036	PSS7042
Vented		PSV7025	PSV7030	PSV7036	PSV7042
Perforated		PSP7025	PSP7030	PSP7036	PSP7042
Top Panel (each)					
Solid		TFPS 19 25	TFPS 19 30	TFPS 19 36	TFPS 19 42
Perforated		TFPP 19 25	TFPP 19 30	TFPP 19 36	TFPP 19 42
Single Fan Panel w/4 Fans		TFP4F 19 25	TFP4 19 30	TFP4F 19 36	TFP4F 19 42
4 Fan Panel Kit w/cable management panels		PT4F 19 25	PT4F 19 30	PT4F 19 36	PT4F 19 42

Step 1, Step 2, Step 3, Step 4

Configure-Your-Own — Usable Height 42U 73.50" VPO

		19" Rack Mount			
Usable Height 42U 73.50" VPO		25" Depth	30" Depth	36" Depth	42" Depth
		Order Code	Order Code	Order Code	Order Code
Rack Frame (each)					
42U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails[1]		P 22 MT7425	P 22 MT7430	P 22 MT7436	P 22 MT7442
Usable Height		73.50" (42U)	73.50" (42U)	73.50" (42U)	73.50" (42U)
External Frame Depth		25.63"	30.88"	36.12"	41.37"
External Frame Width		22.16"	22.16"	22.16"	22.16"
External Frame Height		82.25	82.25	82.25	82.25
Doors (each) *Specify L or R (Left/Right hand)[2,3]					
Solid		PDS 22 74*▯	PDS 22 74*▯	PDS 22 74*▯	PDS 22 74*▯
Plexiglas Solid Perimeter		PDLS 22 74*	PDLS 22 74*	PDLS 22 74*	PDLS 22 74*
Plexiglas Perforated Perimeter		PDLP 22 74*	PDLP 22 74*	PDLP 22 74*	PDLP 22 74*
Perforated		PDP 22 74*▯	PDP 22 74*▯	PDP 22 74*▯	PDP 22 74*▯
Vented		PDV 22 74*▯	PDV 22 74*▯	PDV 22 74*▯	PDV 22 74*▯
Side Panel (pair)					
Solid		PSS7425	PSS7430	PSS7436	PSS7442
Vented		PSV7425	PSV7430	PSV7436	PSV7442
Perforated		PSP7425	PSP7430	PSP7436	PSP7442
Top Panel (each)					
Solid		TFPS 19 25	TFPS 19 30	TFPS 19 36	TFPS 19 42
Perforated		TFPP 19 25	TFPP 19 30	TFPP 19 36	TFPP 19 42
Single Fan Panel w/4 Fans		TFP4F 19 25	TFP4 19 30	TFP4F 19 36	TFP4F 19 42
4 Fan Panel Kit w/cable management panels		PT4F 19 25	PT4F 19 30	PT4F 19 36	PT4F 19 42

Step 1, Step 2, Step 3, Step 4

STEP 5 – ORDER DOOR HANDLE & OTHER ACCESSORIES, OPTIONS START ON PAGE 26

Notes: 1. M Style 10-32 tapped rails ship standard with every Pioneer cabinet unless otherwise specified. Also available in other rail shapes and with square holes.
*2. Specify LEFT or RIGHT hand door by adding L or R to door part#.
3. Be sure to order handles—must be ordered as a separate line item.
▯4. For SPLIT door, add "S" to end of part number, but before color (Example: PDS2244**S**M). DO NOT specify L or R swing designation for split doors, which are sold in pairs.

22 Represents 22" width frames/doors, also available in 24" & 27" widths - see page 5 to determine exact part numbers for other widths

19 Represents 19" width top panels, also available in 24" width - see page 5 to determine exact part numbers for other width

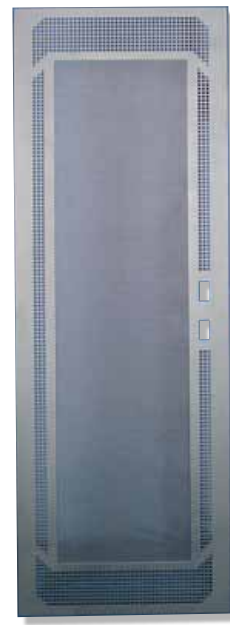▮ - tan indicates parts not available in Split Door versions

STEP 5 – ORDER DOOR HANDLE & OTHER ACCESSORIES, OPTIONS START ON PAGE 26

Notes: 1. M Style 10-32 tapped rails ship standard with every Pioneer cabinet unless otherwise specified. Also available in other rail shapes and with square holes.
*2. Specify LEFT or RIGHT hand door by adding L or R to door part#.
3. Be sure to order handles—must be ordered as a separate line item.
▯4. For SPLIT door, add "S" to end of part number, but before color (Example: PDS2244**S**M). DO NOT specify L or R swing designation for split doors, which are sold in pairs.

22 Represents 22" width frames/doors, also available in 24" & 27" widths - see page 5 to determine exact part numbers for other widths

19 Represents 19" width top panels, also available in 24" width - see page 5 to determine exact part numbers for other width

▮ - tan indicates parts not available in Split Door versions

Plexiglas Solid Door - PDLS

Perforated Door - PDP

Vented Door - PDV

Solid Side Panel - PDS

Vented Side Panel - PDV

Perforated Side Panel - PDP

3 Piece Top Fan Panel Kit - TFPS

Full Depth Single Piece Top Fan Panel- TFP4F

Configure-Your-Own

Usable Height 45U 78.75" VPO

	19" Rack Mount			
	25" Depth	30" Depth	36" Depth	42" Depth
	Order Code	Order Code	Order Code	Order Code
Step 1 — Rack Frame (each)				
45U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails[1]	P 22 MT7825	P 22 MT7830	P 22 MT7836	P 22 MT7842
Usable Height	78.75" (45U)	78.75" (45U)	78.75" (45U)	78.75" (45U)
External Frame Depth	25.63"	30.88"	36.12"	41.37"
External Frame Width	22.16"	22.16"	22.16"	22.16"
External Frame Height	87.50"	87.50"	87.50"	87.50"
Step 2 — Doors (each) *Specify L or R (Left/Right hand)[2,3]				
Solid	PDS 22 78*⬚	PDS 22 78*⬚	PDS 22 78*⬚	PDS 22 78*⬚
Plexiglas Solid Perimeter	PDLS 22 78*	PDLS 22 78*	PDLS 22 78*	PDLS 22 78*
Plexiglas Perforated Perimeter	PDLP 22 78*	PDLP 22 78*	PDLP 22 78*	PDLP 22 78*
Perforated	PDP 22 78*⬚	PDP 22 78*⬚	PDP 22 78*⬚	PDP 22 78*⬚
Vented	PDV 22 78*⬚	PDV 22 78*⬚	PDV 22 78*⬚	PDV 22 78*⬚
Step 3 — Side Panel (pair)				
Solid	PSS7825	PSS7830	PSS7836	PSS7842
Vented	PSV7825	PSV7830	PSV7836	PSV7842
Perforated	PSP7825	PSP7830	PSP7836	PSP7842
Step 4 — Top Panel (each)				
Solid	TFPS 19 25	TFPS 19 30	TFPS 19 36	TFPS 19 42
Perforated	TFPP 19 25	TFPP 19 30	TFPP 19 36	TFPP 19 42
Single Fan Panel w/4 Fans	TFP4F 19 25	TFP4F 19 30	TFP4F 19 36	TFP4F 19 42
4 Fan Panel Kit w/cable management panels	PT4F 19 25	PT4F 19 30	PT4F 19 36	PT4F 19 42

STEP 5 – ORDER DOOR HANDLE & OTHER ACCESSORIES, OPTIONS START ON PAGE 26

Notes: 1. M Style 10-32 tapped rails ship standard with every Pioneer cabinet unless otherwise specified. Also available in other rail shapes and with square holes (see page 14).

*2. Specify LEFT or RIGHT hand door by adding L or R to door part#.

3. Be sure to order handles—must be ordered as a separate line item.

⬚4. For SPLIT door, add "S" to end of part number, but before color (Example: PDS2221**SM**). DO NOT specify L or R swing designation for split doors, which are sold in pairs.

22 Represents 22" width frames/doors, also available in 24" & 27" widths
- see page 5 to determine exact part numbers for other widths

19 Represents 19" width top panels, also available in 24" width
- see page 5 to determine exact part numbers for other width

⬚ - tan indicates parts not available in Split Door versions

STEP 6 – CHOOSE COLOR

Be sure to indicate color choice. Add the color code to each part number:

M = Black
F = Computer Gray
P = Light Gray
E = Royal Blue

Configure-Your-Own

Usable Height 48U 84.00" VPO

	19" Rack Mount			
	25" Depth	30" Depth	36" Depth	42" Depth
	Order Code	Order Code	Order Code	Order Code
Step 1 — Rack Frame (each)				
48U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails[1]	P 22 MT8425	P 22 MT8430	P 22 MT8436	P 22 MT8442
Usable Height	84.00" (48U)	84.00" (48U)	84.00" (48U)	84.00" (48U)
External Frame Depth	25.63"	30.88"	36.12"	41.37"
External Frame Width	22.16"	22.16"	22.16"	22.16"
External Frame Height	92.75"	92.75"	92.75"	92.75"
Step 2 — Doors (each) *Specify L or R (Left/Right hand)[2,3]				
Solid	PDS 22 84*⬚	PDS 22 84*⬚	PDS 22 84*⬚	PDS 22 84*⬚
Plexiglas Solid Perimeter	PDLS 22 84*	PDLS 22 84*	PDLS 22 84*	PDLS 22 84*
Plexiglas Perforated Perimeter	PDLP 22 84*	PDLP 22 84*	PDLP 22 84*	PDLP 22 84*
Perforated	PDP 22 84*⬚	PDP 22 84*⬚	PDP 22 84*⬚	PDP 22 84*⬚
Vented	PDV 22 84*⬚	PDV 22 84*⬚	PDV 22 84*⬚	PDV 22 84*⬚
Step 3 — Side Panel (pair)				
Solid	PSS8425	PSS8430	PSS8436	PSS8442
Vented	PSV8425	PSV8430	PSV8436	PSV8442
Perforated	PSP8425	PSP8430	PSP8436	PSP8442
Step 4 — Top Panel (each)				
Solid	TFPS 19 25	TFPS 19 30	TFPS 19 36	TFPS 19 42
Perforated	TFPP 19 25	TFPP 19 30	TFPP 19 36	TFPP 19 42
Single Fan Panel w/4 Fans	TFP4F 19 25	TFP4F 19 30	TFP4F 19 36	TFP4F 19 42
4 Fan Panel Kit w/cable management panels	PT4F 19 25	PT4F 19 30	PT4F 19 36	PT4F 19 42

Configure-Your-Own

Usable Height 50U 87.75" VPO

	19" Rack Mount			
	25" Depth	30" Depth	36" Depth	42" Depth
	Order Code	Order Code	Order Code	Order Code
Step 1 — Rack Frame (each)				
50U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails[1]	P 22 MT8825	P 22 MT8830	P 22 MT8836	P 22 MT8842
Usable Height	87.75" (50U)	87.75" (50U)	87.75" (50U)	87.75" (50U)
External Frame Depth	25.63"	30.88"	36.12"	41.37"
External Frame Width	22.16"	22.16"	22.16"	22.16"
External Frame Height	96.25"	96.25"	96.25"	96.25"
Step 2 — Doors (each) *Specify L or R (Left/Right hand)[2,3]				
Solid	PDS 22 88*⬚	PDS 22 88*⬚	PDS 22 88*⬚	PDS 22 88*⬚
Plexiglas Solid Perimeter	PDLS 22 88*	PDLS 22 88*	PDLS 22 88*	PDLS 22 88*
Plexiglas Perforated Perimeter	PDLP 22 88*	PDLP 22 88*	PDLP 22 88*	PDLP 22 88*
Perforated	PDP 22 88*⬚	PDP 22 88*⬚	PDP 22 88*⬚	PDP 22 88*⬚
Vented	PDV 22 88*⬚	PDV 22 88*⬚	PDV 22 88*⬚	PDV 22 88*⬚
Step 3 — Side Panel (pair)				
Solid	PSS8825	PSS8830	PSS8836	PSS8842
Vented	PSV8825	PSV8830	PSV8836	PSV8842
Perforated	PSP8825	PSP8830	PSP8836	PSP8842
Step 4 — Top Panel (each)				
Solid	TFPS 19 25	TFPS 19 30	TFPS 19 36	TFPS 19 42
Perforated	TFPP 19 25	TFPP 19 30	TFPP 19 36	TFPP 19 42
Single Fan Panel w/4 Fans	TFP4F 19 25	TFP4F 19 30	TFP4F 19 36	TFP4F 19 42
4 Fan Panel Kit w/cable management panels	PT4F 19 25	PT4F 19 30	PT4F 19 36	PT4F 19 42

Optima•Stantron offers many accessories for complete customization of our racks and enclosures to be customized to suit your specific application requirements. Consider the following:

- Door Handles and Locks
- Door Options Including Double-Panel, Access to Front and Back, Plexiglas See-Through, Etc.
- Three-Point Latching and Locking Kits
- Casters
- Cable Management
- Shelving, Trays and Drawers
- Filler Panels and Wedges
- Work Surfaces
- Thermal Management
- Reducer Brackets
- Power Options and Lighting
- Plus Many Other Accessories.

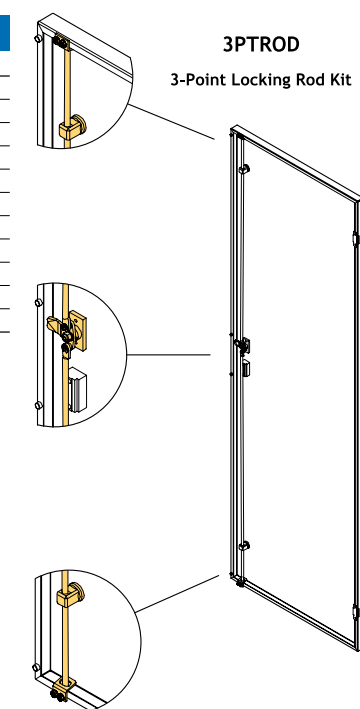Note: Be sure to order handles for your doors. Handles must be ordered as a separate line item.

Pioneer Handle/Locking Options

Order Code	Description
PHB000	Handle with non-locking insert, removable core
PHL100*	Handle with lock, removable core, 2 keys #100
PHP000	Swing handle with padlock hasp and 3-point cam
PHC300	Deluxe combination swing handle with 3 barrel combination and 3-point cam
PHC400	Economy combination swing handle with 4 barrel combination and 3-point cam

25 different key options are available— call your dealer or **800-821-0019** for more information

Handle With Lock- PHL100

PHP000

PHC300

PHC400

Pioneer 3-Point Latching Kits

Order Code	Description
3PTROD38KT	Kit, 3-point Lock Rod 22U
3PTROD44KT	Kit, 3-point Lock Rod 25U
3PTROD49KT	Kit, 3-point Lock Rod 28U
3PTROD53KT	Kit, 3-point Lock Rod 30U
3PTROD61KT	Kit, 3-point Lock Rod 35U
3PTROD70KT	Kit, 3-point Lock Rod 40U
3PTROD74KT	Kit, 3-point Lock Rod 42U
3PTROD78KT	Kit, 3-point Lock Rod 45U
3PTROD84KT	Kit, 3-point Lock Rod 48U
3PTROD88KT	Kit, 3-point Lock Rod 50U
3PTROD91KT	Kit, 3-point Lock Rod 52U

3PTROD
3-Point Locking Rod Kit

Pioneer Rack Mount Reducer Brackets

Order Code	Description
AB01	Reducer bracket, 24" HPO to 19" HPO, tapped 10-32 holes, 1.75", 1U, – set of 2, black
AB02	Reducer bracket, 24" HPO to 19" HPO, tapped 10-32 holes, 3.50", 2U, – set of 2, black
AB03	Reducer bracket, 24" HPO to 19" HPO, tapped 10-32 holes, 5.25", 3U, – set of 2, black
AB04	Reducer bracket, 24" HPO to 19" HPO, tapped 10-32 holes, 7.00", 4U, – set of 2, black
AB05	Reducer bracket, 24" HPO to 19" HPO, tapped 10-32 holes, 8.75", 5U, – set of 2, black
AB2301	Reducer bracket, 23" HPO to 19" HPO, tapped 10-32 holes, 1.75", 1U, – set of 2, black
AB2302	Reducer bracket, 23" HPO to 19" HPO, tapped 10-32 holes, 3.50", 2U, – set of 2, black
AB2303	Reducer bracket, 23" HPO to 19" HPO, tapped 10-32 holes, 5.25", 3U, – set of 2, black
AB2304	Reducer bracket, 23" HPO to 19" HPO, tapped 10-32 holes, 7.00", 4U, – set of 2, black
AB2305	Reducer bracket, 23" HPO to 19" HPO, tapped 10-32 holes, 8.75", 5U, – set of 2, black

Rack Mount Reducer Brackets - AB

Pioneer Caster & Floor Mounting Kits

Order code	Description
ANCHORKT	Vertical enclosure floor anchoring kit – set of 4 brackets, black
ANTIPKT	Vertical enclosure, anti-tip plate
CST1KT	Caster kit – 4 casters, T3CST1 swivel casters with brackets, supports 1080lbs., black
CST8KT	Caster kit – 4 casters, T3CST8 swivel casters with brackets, supports 1600lbs., black

Casters - CST

Anchor Kit -

Pioneer Bottom Panels

Order Code	Panel Width	Style of Panel	Cabinet Depth
PBP1925	19"	Perforated	25"
PBP1930	19"	Perforated	30"
PBP1936	19"	Perforated	36"
PBS1925	19"	Solid	25"
PBS1930	19"	Solid	30"
PBS1936	19"	Solid	36"

Bottom Panels With Cable Entry - PBP

Note: Bottom panel part numbers published here are for 19" rack mount widths only. These are available in 23" and 24" rack mount widths also.

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