

# Enclosure Solutions

*For Converging Markets*

*ENCLOSURES, RACKS,  
& ACCESSORIES*

- *DATA/IT/TECHNOLOGY*
- *PRO AUDIO/VIDEO*
- *BROADCAST*
- *SECURITY*



DataCom



ProAV



Broadcast



Security

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**Stantron Audio-Video Racks**



24-0133A

**Broadcast E Rack Features**



24-0108A

**Stantron Product Summary**



24-0134A

**Presentation Rack**



24-0119A

**PowerMount System**



54-0102A

**Stantron Lacing Options**



54-0135A

**Light Options**



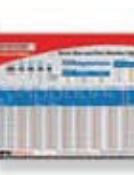
54-0106A

**Pioneer Configuration Worksheet**



25-0128A

**Broadcast E-Rack Ordering Guide**



25-0101A

**Vertical PowerOptions™**



TSEPV R02

**Rack Mount PowerOptions™**



TSEPH R02

**IEC Cord Options**



55-0100A

**EMI Security Catalog**



04-0141A

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94-0140A



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**The Pioneer enclosure is the cornerstone of our enclosure line, offering flexibility, versatility and strength to meet the requirements of any Datacom, Broadcast, Audio-Video or Security application.**

Pioneer enclosures are offered in Pre-Configured, Configure Your Own and Seismic models in over 25 different sizes creating hundreds of configuration possibilities. Plus a multitude of accessories are available, including shelving, rack-mount monitors, cable management, cooling, power solutions and more.

## Features

- Choose from 9 heights, 4 depths, 3 widths and a huge array of accessories
- 19" EIA, 23" TIA or 24" EIA rack-mounting configurations
- Tapped or Cage-Nut mounting rails in multiple configurations
- 14-Gauge all steel construction supports up to 2,000 lbs.
- Exclusive InterWeld™ construction, with cross braces interlocked and welded into the corner post ensure maximum rigidity
- Can be bayed together for a completely integrated system solution
- Choose from 4 standard colors to complement any environment; black, computer gray, light gray and royal blue



## PRE-CONFIGURED

**The easy to order cabinet solution**

4 unique Pre-Configured series to choose from

Initial and Add-on modules available:

### AVB Kits

2 Heights (40U and 45U)

3 Depths (25", 30" and 36" external)

1 Width (22.16" external)

Tapped mounting rails

### Datacom Kits

3 Heights (40U, 42U and 45U)

3 Depths (30", 36" and 42" external)

1 Width (24")

Available with Caged-Nut Mounting Rails or Tapped Mounting Rails

*For kit part numbers, contact your dealer, visit us on the Web, or call (800) 558-7297*



## CONFIG-YOUR OWN

**The versatile config-your own cabinet solution**

9 Heights (12U, 25U, 30U, 35U, 40U, 42U, 45U, 48U and 50U)

4 Depths (25", 30", 36" and 42" external)

3 Widths (22", 24" and 27" external)

Wide variety of accessories available

UBC Seismic Compliant



## SEISMIC

**The strength you need**

5 Heights (35U, 40U, 42U, 45U and 48U)

5 Depths (25", 30", 34", 36" and 42" external)

3 Widths (22", 24" and 27" external)

NEBS Zone GR-63-CORE compliant

## Note about part numbers in the Pioneer Cabinets section of this catalog:

### Width Dimensions

Part numbers published in this section are for 22" overall width products (which accept 19" rack mount equipment). Pioneer cabinets are also available in 24" overall width for 19" rack mount equipment and 27" overall width for 24", 23" or 19" rack mount equipment.

### Mounting Rails

Part numbers published in this section have #10-32 tapped mounting rails. Mounting rails are also available in multiple styles and with .375" punched mounting holes.

*Please call our Customer Service line at (800) 558-7297, contact your dealer, or visit us on the Web for assistance identifying part numbers for standard product sizes not published in this catalog, or for packaged kit part numbers.*

## ACCESSORIES:



Shelving



Riser Bases



Cable Management



Rack Mount PowerOptions™



Filler Panels



Top Fan Panels



## SIX STEPS TO A CONFIGURED PIONEER CABINET

Pioneer cabinets are offered in a wide variety of size 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. If lock/handle is not specified, door will be shipped with a PHL 100 lock/handle. If you'd like a different lock, please see page 10 for additional options and please note it on the order/quote.

### 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, PowerOptions™, 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 offered in several different configurations based on your installation requirements. Three panel kits for cable management ease or full depth panels available in both solid, perforated and fan assembly 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 in 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 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. 3-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 PowerOptions™ 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

3" 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

## 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          | 39.97"       | 41.22"               |

21 and 44 height code frames are only available in 25, 30 and 36" depths.

## STEP 1 – Select Your Frame

\*21 and 44 height code frames are only available in 25", 30" and 36" depths

| Pioneer      | Width code     | Rail Shape                                               | Rail Mount Hole Type                  | Height* Code                                       | Depth Code           | Color                                                              |
|--------------|----------------|----------------------------------------------------------|---------------------------------------|----------------------------------------------------|----------------------|--------------------------------------------------------------------|
| <b>P</b>     | <b>22</b>      | <b>M</b>                                                 | <b>T</b>                              | <b>88</b>                                          | <b>36</b>            | <b>M</b>                                                           |
| P = Standard | 22<br>24<br>27 | M = M style<br>C = C style<br>R = R style<br>L = L style | T = 10-32 Tapped<br>S = Square (.375) | 21<br>44<br>53<br>61<br>70<br>74<br>78<br>84<br>88 | 25<br>30<br>36<br>42 | M = Black<br>F = Computer Gray<br>P = Light Gray<br>E = Royal Blue |

## STEP 2 – Choose Door

| Pioneer Door | Door Type                                                                                                          | Width Code     | Height Code                                        | Hinge                              | Color                                                              |
|--------------|--------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------------|------------------------------------|--------------------------------------------------------------------|
| <b>PD</b>    | <b>S</b>                                                                                                           | <b>22</b>      | <b>21</b>                                          | <b>L</b>                           | <b>M</b>                                                           |
|              | S = Solid<br>LS = Plexiglas Solid Perimeter<br>LP = Plexiglas Perforated Perimeter<br>P = Perforated<br>V = Vented | 22<br>24<br>27 | 21<br>44<br>53<br>61<br>70<br>74<br>78<br>84<br>88 | L = Left<br>R = Right<br>S = Split | M = Black<br>F = Computer Gray<br>P = Light Gray<br>E = Royal Blue |

Each door adds 1.37" to External Frame Depth

## STEP 3 – Choose Side Panels

| Pioneer Side Panel | Side Type                                 | Height Code                                        | Depth Code           | Color                                                              |
|--------------------|-------------------------------------------|----------------------------------------------------|----------------------|--------------------------------------------------------------------|
| <b>PS</b>          | <b>S</b>                                  | <b>21</b>                                          | <b>30</b>            | <b>M</b>                                                           |
|                    | S = Solid<br>V = Vented<br>P = Perforated | 21<br>44<br>53<br>61<br>70<br>74<br>78<br>84<br>88 | 25<br>30<br>36<br>42 | M = Black<br>F = Computer Gray<br>P = Light Gray<br>E = Royal Blue |

Each Side Panel adds .60" to External Frame Width

## STEP 4 – Choose Top Panels

| Top Panel Type                                      | Style                                     | Rack Mount Width | Depth Code           | Color                                                              |
|-----------------------------------------------------|-------------------------------------------|------------------|----------------------|--------------------------------------------------------------------|
| <b>PT</b>                                           | <b>4F</b>                                 | <b>19</b>        | <b>25</b>            | <b>M</b>                                                           |
| TFP = Full Depth, Single Piece<br>PT = 3-Piece Kit* | S = Solid<br>P = Perforated<br>4F = 4 Fan | 19<br>24         | 25<br>30<br>36<br>42 | M = Black<br>F = Computer Gray<br>P = Light Gray<br>E = Royal Blue |

\*3-Piece kits consist of one front cable access panel, one rear cable access panel and either a Solid, Perforated or 4 Fan Center Panel.

For more information call customer service at

# 1-800-558-7297

| Pioneer Config-Your Own                                                 |                |              |              |              |
|-------------------------------------------------------------------------|----------------|--------------|--------------|--------------|
| Usable Height<br>12U 21.00" VPO                                         | 19" Rack Mount |              |              |              |
|                                                                         | 25" Depth      | 30" Depth    | 36" Depth    | 42" Depth    |
|                                                                         | Order Code     | Order Code   | Order Code   | Order Code   |
| Rack Frame (each)                                                       |                |              |              |              |
| 12U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails <sup>1</sup> | P22MT2125      | P22MT2130    | P22MT2136    | P22MT2142    |
| 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"       |
| Doors (each) *Specify L or R (Left/Right hand) <sup>2,3</sup>           |                |              |              |              |
| Solid                                                                   | PDS2221*       | PDS2221*     | PDS2221*     | PDS2221*     |
| Plexiglas Solid Perimeter                                               | PDLS2221*      | PDLS2221*    | PDLS2221*    | PDLS2221*    |
| Plexiglas Perforated Perimeter                                          | PDLP2221*      | PDLP2221*    | PDLP2221*    | PDLP2221*    |
| Perforated                                                              | PDP2221*       | PDP2221*     | PDP2221*     | PDP2221*     |
| Vented                                                                  | PDV2221*       | PDV2221*     | PDV2221*     | PDV2221*     |
| Side Panel (pair)                                                       |                |              |              |              |
| Solid                                                                   | PSS2125        | PSS2130      | PSS2136      | PSS2142      |
| Vented                                                                  | PSV2125        | PSV2130      | PSV2136      | PSV2142      |
| Perforated                                                              | PSP2125        | PSP2130      | PSP2136      | PSP2142      |
| Top Panel (each)                                                        |                |              |              |              |
| Solid                                                                   | TFPS1925       | TFPS1930     | TFPS1936     | TFPS1942     |
| Perforated                                                              | TFPP1925       | TFPP1930     | TFPP1936     | TFPP1942     |
| Single Fan Panel w/4 Fans                                               | TFP4F1925      | TFP4F1930    | TFP4F1936    | TFP4F1942    |
| 4 Fan Panel Kit w/cable management panels                               | PT4F1925       | PT4F1930     | PT4F1936     | PT4F1942     |

| Pioneer Config-Your Own                                                 |                |              |              |              |
|-------------------------------------------------------------------------|----------------|--------------|--------------|--------------|
| Usable Height<br>25U 43.75" VPO                                         | 19" Rack Mount |              |              |              |
|                                                                         | 25" Depth      | 30" Depth    | 36" Depth    | 42" Depth    |
|                                                                         | Order Code     | Order Code   | Order Code   | Order Code   |
| Rack Frame (each)                                                       |                |              |              |              |
| 25U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails <sup>1</sup> | P22MT4425      | P22MT4430    | P22MT4436    | P22MT4442    |
| 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"       |
| Doors (each) *Specify L or R (Left/Right hand) <sup>2,3</sup>           |                |              |              |              |
| Solid                                                                   | PDS2244**      | PDS2244**    | PDS2244**    | PDS2244**    |
| Plexiglas Solid Perimeter                                               | PDLS2244*      | PDLS2244*    | PDLS2244*    | PDLS2244*    |
| Plexiglas Perforated Perimeter                                          | PDLP2244*      | PDLP2244*    | PDLP2244*    | PDLP2244*    |
| Perforated                                                              | PDP2244**      | PDP2244**    | PDP2244**    | PDP2244**    |
| Vented                                                                  | PDV2244**      | PDV2244**    | PDV2244**    | PDV2244**    |
| Side Panel (pair)                                                       |                |              |              |              |
| Solid                                                                   | PSS4425        | PSS4430      | PSS4436      | PSS4442      |
| Vented                                                                  | PSV4425        | PSV4430      | PSV4436      | PSV4442      |
| Perforated                                                              | PSP4425        | PSP4430      | PSP4436      | PSP4442      |
| Top Panel (each)                                                        |                |              |              |              |
| Solid                                                                   | TFPS1925       | TFPS1930     | TFPS1936     | TFPS1942     |
| Perforated                                                              | TFPP1925       | TFPP1930     | TFPP1936     | TFPP1942     |
| Single Fan Panel w/4 Fans                                               | TFP4F1925      | TFP4F1930    | TFP4F1936    | TFP4F1942    |
| 4 Fan Panel Kit w/cable management panels                               | PT4F1925       | PT4F1930     | PT4F1936     | PT4F1942     |

## STEP 5 – ADD DOOR HANDLE & OTHER ACCESSORIES, GO TO PAGE 10 FOR OPTIONS

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 5).

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

3. All doors ship standard with lock# PHL100 (see page 10) unless otherwise specified.

\*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

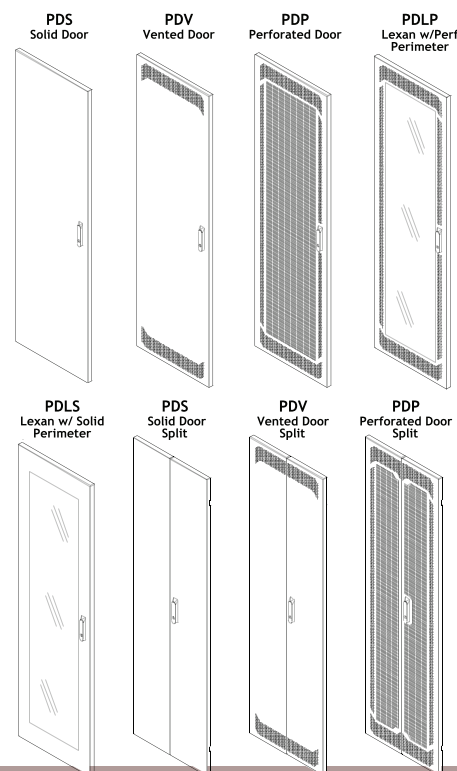
- tan indicates parts not available in Split Door versions



Pioneer frame



Standard Solid Door - PDS



| Pioneer Config-Your Own |                                                             |                |              |              |              |
|-------------------------|-------------------------------------------------------------|----------------|--------------|--------------|--------------|
| Step 1                  | Usable Height<br>30U 52.50" VPO                             | 19" Rack Mount |              |              |              |
|                         |                                                             | 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 Rails¹ | P22MT5325      | P22MT5330    | P22MT5336    | P22MT5342    |
|                         | 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        |              |
| Step 2                  | Doors (each) *Specify L or R (Left/Right hand)²,³           |                |              |              |              |
|                         | Solid                                                       | PDS2253**      | PDS2253**    | PDS2253**    | PDS2253**    |
|                         | Plexiglas Solid Perimeter                                   | PDLS2253*      | PDLS2253*    | PDLS2253*    | PDLS2253*    |
|                         | Plexiglas Perforated Perimeter                              | PDLP2253*      | PDLP2253*    | PDLP2253*    | PDLP2253*    |
|                         | Perforated                                                  | PDP2253**      | PDP2253**    | PDP2253**    | PDP2253**    |
| Vented                  | PDV2253**                                                   | PDV2253**      | PDV2253**    | PDV2253**    |              |
| Step 3                  | Side Panel (pair)                                           |                |              |              |              |
|                         | Solid                                                       | PSS5325        | PSS5330      | PSS5336      | PSS5342      |
|                         | Vented                                                      | PSV5325        | PSV5330      | PSV5336      | PSV5342      |
|                         | Perforated                                                  | PSP5325        | PSP5330      | PSP5336      | PSP5342      |
| Step 4                  | Top Panel (each)                                            |                |              |              |              |
|                         | Solid                                                       | TFPS1925       | TFPS1930     | TFPS1936     | TFPS1942     |
|                         | Perforated                                                  | TFPP1925       | TFPP1930     | TFPP1936     | TFPP1942     |
|                         | Single Fan Panel w/4 Fans                                   | TFP4F1925      | TFP4F1930    | TFP4F1936    | TFP4F1942    |
|                         | 4 Fan Panel Kit w/cable management panels                   | PT4F1925       | PT4F1930     | PT4F1936     | PT4F1942     |

| Pioneer Config-Your Own |                                                             |              |                |              |              |
|-------------------------|-------------------------------------------------------------|--------------|----------------|--------------|--------------|
| Step 1                  | Usable Height<br>35U 61.25" VPO                             | 25" Depth    | 19" Rack Mount |              | 42" Depth    |
|                         |                                                             | 30" Depth    | 36" Depth      |              |              |
|                         | Order Code                                                  | Order Code   | Order Code     | Order Code   |              |
|                         | Rack Frame (each)                                           |              |                |              |              |
|                         | 35U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails¹ | P22MT6125    | P22MT6130      | P22MT6136    | P22MT6136    |
|                         | 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"       |              |
| Step 2                  | Doors (each) *Specify L or R (Left/Right hand)²,³           |              |                |              |              |
|                         | Solid                                                       | PDS2261*♦    | PDS2261*♦      | PDS2261*♦    | PDS2261*♦    |
|                         | Plexiglas Solid Perimeter                                   | PDLS2261*    | PDLS2261*      | PDLS2261*    | PDLS2261*    |
|                         | Plexiglas Perforated Perimeter                              | PDLP2261*    | PDLP2261*      | PDLP2261*    | PDLP2261*    |
|                         | Perforated                                                  | PDP2261*♦    | PDP2261*♦      | PDP2261*♦    | PDP2261*♦    |
|                         | Vented                                                      | PDV2261*♦    | PDV2261*♦      | PDV2261*♦    | PDV2261*♦    |
| Step 3                  | Side Panel (pair)                                           |              |                |              |              |
|                         | Solid                                                       | PSS6125      | PSS6130        | PSS6136      | PSS6142      |
|                         | Vented                                                      | PSV6125      | PSV6130        | PSV6136      | PSV6142      |
|                         | Perforated                                                  | PSP6125      | PSP6130        | PSP6136      | PSP6142      |
| Step 4                  | Top Panel (each)                                            |              |                |              |              |
|                         | Solid                                                       | TFPS1925     | TFPS1930       | TFPS1936     | TFPS1942     |
|                         | Perforated                                                  | TFPP1925     | TFPP1930       | TFPP1936     | TFPP1942     |
|                         | Single Fan Panel w/4 Fans                                   | TFP4F1925    | TFP4F1930      | TFP4F1936    | TFP4F1942    |
|                         | 4 Fan Panel Kit w/cable management panels                   | PT4F1925     | PT4F1930       | PT4F1936     | PT4F1942     |

## STEP 5 – ADD DOOR HANDLE & OTHER ACCESSORIES, GO TO PAGE 10 FOR OPTIONS

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 5).

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

3. All doors ship standard with lock# PHL100 (see page 10) unless otherwise specified.

\*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



Plexiglas Solid Door - PDLS



Perforated Door - PDP



Vented Door - PDV



| Pioneer Config-Your Own |                                                                         |                |              |              |              |
|-------------------------|-------------------------------------------------------------------------|----------------|--------------|--------------|--------------|
|                         | Usable Height<br>40U 70.00" 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)                                                       |                |              |              |              |
|                         | 40U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails <sup>1</sup> | P22MT7025      | P22MT7030    | P22MT7036    | P22MT7042    |
|                         | 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"       |
| Step 2                  | Doors (each) *Specify L or R (Left/Right hand) <sup>2,3</sup>           |                |              |              |              |
|                         | Solid                                                                   | PDS2270**      | PDS2270**    | PDS2270**    | PDS2270**    |
|                         | Plexiglas Solid Perimeter                                               | PDLS2270*      | PDLS2270*    | PDLS2270*    | PDLS2270*    |
|                         | Plexiglas Perforated Perimeter                                          | PDLP2270*      | PDLP2270*    | PDLP2270*    | PDLP2270*    |
|                         | Perforated                                                              | PDP2270**      | PDP2270**    | PDP2270**    | PDP2270**    |
|                         | Vented                                                                  | PDV2270**      | PDV2270**    | PDV2270**    | PDV2270**    |
| Step 3                  | Side Panel (pair)                                                       |                |              |              |              |
|                         | Solid                                                                   | PSS7025        | PSS7030      | PSS7036      | PSS7042      |
|                         | Vented                                                                  | PSV7025        | PSV7030      | PSV7036      | PSV7042      |
|                         | Perforated                                                              | PSP7025        | PSP7030      | PSP7036      | PSP7042      |
| Step 4                  | Top Panel (each)                                                        |                |              |              |              |
|                         | Solid                                                                   | TFPS1925       | TFPS1930     | TFPS1936     | TFPS1942     |
|                         | Perforated                                                              | TFPP1925       | TFPP1930     | TFPP1936     | TFPP1942     |
|                         | Single Fan Panel w/4 Fans                                               | TFP4F1925      | TFP4F1930    | TFP4F1936    | TFP4F1942    |
|                         | 4 Fan Panel Kit w/cable management panels                               | PT4F1925       | PT4F1930     | PT4F1936     | PT4F1942     |

| Pioneer Config-Your Own |                                                                         |                |              |              |              |
|-------------------------|-------------------------------------------------------------------------|----------------|--------------|--------------|--------------|
|                         | Usable Height<br>42U 73.50" 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)                                                       |                |              |              |              |
|                         | 42U Pioneer with Leveler Base, M Style, 10-32 Tapped Rails <sup>1</sup> | P22MT7425      | P22MT7430    | P22MT7436    | P22MT7442    |
|                         | 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"       |
| Step 2                  | Doors (each) *Specify L or R (Left/Right hand) <sup>2,3</sup>           |                |              |              |              |
|                         | Solid                                                                   | PDS2274**      | PDS2274**    | PDS2274**    | PDS2274**    |
|                         | Plexiglas Solid Perimeter                                               | PDLS2274*      | PDLS2274*    | PDLS2274*    | PDLS2274*    |
|                         | Plexiglas Perforated Perimeter                                          | PDLP2274*      | PDLP2274*    | PDLP2274*    | PDLP2274*    |
|                         | Perforated                                                              | PDP2274**      | PDP2274**    | PDP2274**    | PDP2274**    |
|                         | Vented                                                                  | PDV2274**      | PDV2274**    | PDV2274**    | PDV2274**    |
| Step 3                  | Side Panel (pair)                                                       |                |              |              |              |
|                         | Solid                                                                   | PSS7425        | PSS7430      | PSS7436      | PSS7442      |
|                         | Vented                                                                  | PSV7425        | PSV7430      | PSV7436      | PSV7442      |
|                         | Perforated                                                              | PSP7425        | PSP7430      | PSP7436      | PSP7442      |
| Step 4                  | Top Panel (each)                                                        |                |              |              |              |
|                         | Solid                                                                   | TFPS1925       | TFPS1930     | TFPS1936     | TFPS1942     |
|                         | Perforated                                                              | TFPP1925       | TFPP1930     | TFPP1936     | TFPP1942     |
|                         | Single Fan Panel w/4 Fans                                               | TFP4F1925      | TFP4F1930    | TFP4F1936    | TFP4F1942    |
|                         | 4 Fan Panel Kit w/cable management panels                               | PT4F1925       | PT4F1930     | PT4F1936     | PT4F1942     |

## STEP 5 – ADD DOOR HANDLE & OTHER ACCESSORIES, GO TO PAGE 10 FOR OPTIONS

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 5).

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

3. All doors ship standard with lock# PHL100 (see page 10) unless otherwise specified.

\*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



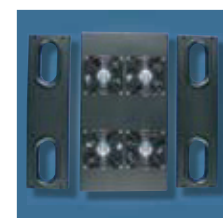
Solid Side Panel - PDS



Vented Side Panel - PDV



Perforated Side Panel - PDP



3 Piece Top Fan Panel Kit - TFPS



Full Depth Single Piece Top Fan Panel - TFP4F



| Pioneer Config-Your Own |                                                                         |                |              |              |              |
|-------------------------|-------------------------------------------------------------------------|----------------|--------------|--------------|--------------|
|                         | Usable Height<br><b>45U 78.75" VPO</b>                                  | 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 <sup>1</sup> | P22MT7825      | P22MT7830    | P22MT7836    | P22MT7842    |
|                         | 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"       |
| Step 2                  | External Frame Height                                                   | 87.50"         | 87.50"       | 87.50"       | 87.50"       |
|                         | Doors (each) *Specify L or R (Left/Right hand) <sup>2,3</sup>           |                |              |              |              |
|                         | Solid                                                                   | PDS2278*       | PDS2278*     | PDS2278*     | PDS2278*     |
|                         | Plexiglas Solid Perimeter                                               | PDLS2278*      | PDLS2278*    | PDLS2278*    | PDLS2278*    |
|                         | Plexiglas Perforated Perimeter                                          | PDLP2278*      | PDLP2278*    | PDLP2278*    | PDLP2278*    |
| Step 3                  | Perforated                                                              | PDP2278*       | PDP2278*     | PDP2278*     | PDP2278*     |
|                         | Vented                                                                  | PDV2278*       | PDV2278*     | PDV2278*     | PDV2278*     |
|                         | Side Panel (pair)                                                       |                |              |              |              |
|                         | Solid                                                                   | PSS7825        | PSS7830      | PSS7836      | PSS7842      |
|                         | Vented                                                                  | PSV7825        | PSV7830      | PSV7836      | PSV7842      |
| Step 4                  | Perforated                                                              | PSP7825        | PSP7830      | PSP7836      | PSP7842      |
|                         | Top Panel (each)                                                        |                |              |              |              |
|                         | Solid                                                                   | TFPS1925       | TFPS1930     | TFPS1936     | TFPS1942     |
|                         | Perforated                                                              | TFPP1925       | TFPP1930     | TFPP1936     | TFPP1942     |
|                         | Single Fan Panel w/4 Fans                                               | TFP4F1925      | TFP4F1930    | TFP4F1936    | TFP4F1942    |
|                         | 4 Fan Panel Kit w/cable management panels                               | PT4F1925       | PT4F1930     | PT4F1936     | PT4F1942     |

## STEP 5 – ADD DOOR HANDLE & OTHER ACCESSORIES, GO TO PAGE 10 FOR OPTIONS

**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 5).

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

3. All doors ship standard with lock# PHL100 (see page 10) unless otherwise specified.

\*4. For SPLIT door, add "S" to end of part number, but before color (Example: PDS2221SM). 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**

| Pioneer Config-Your Own |                                                                         |                |              |              |              |
|-------------------------|-------------------------------------------------------------------------|----------------|--------------|--------------|--------------|
|                         | Usable Height<br><b>48U 84.00" VPO</b>                                  | 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 <sup>1</sup> | P22MT8425      | P22MT8430    | P22MT8436    | P22MT8442    |
|                         | 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"       |
| Step 2                  | External Frame Height                                                   | 92.75"         | 92.75"       | 92.75"       | 92.75"       |
|                         | Doors (each) *Specify L or R (Left/Right hand) <sup>2,3</sup>           |                |              |              |              |
|                         | Solid                                                                   | PDS2284*       | PDS2284*     | PDS2284*     | PDS2284*     |
|                         | Plexiglas Solid Perimeter                                               | PDLS2284*      | PDLS2284*    | PDLS2284*    | PDLS2284*    |
|                         | Plexiglas Perforated Perimeter                                          | PDLP2284*      | PDLP2284*    | PDLP2284*    | PDLP2284*    |
| Step 3                  | Perforated                                                              | PDP2284*       | PDP2284*     | PDP2284*     | PDP2284*     |
|                         | Vented                                                                  | PDV2284*       | PDV2284*     | PDV2284*     | PDV2284*     |
|                         | Side Panel (pair)                                                       |                |              |              |              |
|                         | Solid                                                                   | PSS8425        | PSS8430      | PSS8436      | PSS8442      |
|                         | Vented                                                                  | PSV8425        | PSV8430      | PSV8436      | PSV8442      |
| Step 4                  | Perforated                                                              | PSP8425        | PSP8430      | PSP8436      | PSP8442      |
|                         | Top Panel (each)                                                        |                |              |              |              |
|                         | Solid                                                                   | TFPS1925       | TFPS1930     | TFPS1936     | TFPS1942     |
|                         | Perforated                                                              | TFPP1925       | TFPP1930     | TFPP1936     | TFPP1942     |
|                         | Single Fan Panel w/4 Fans                                               | TFP4F1925      | TFP4F1930    | TFP4F1936    | TFP4F1942    |
|                         | 4 Fan Panel Kit w/cable management panels                               | PT4F1925       | PT4F1930     | PT4F1936     | PT4F1942     |

| Pioneer Config-Your Own |                                                                         |                |              |              |              |
|-------------------------|-------------------------------------------------------------------------|----------------|--------------|--------------|--------------|
|                         | Usable Height<br><b>50U 87.75" VPO</b>                                  | 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 <sup>1</sup> | P22MT8825      | P22MT8830    | P22MT8836    | P22MT8842    |
|                         | 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"       |
| Step 2                  | External Frame Height                                                   | 96.25"         | 96.25"       | 96.25"       | 96.25"       |
|                         | Doors (each) *Specify L or R (Left/Right hand) <sup>2,3</sup>           |                |              |              |              |
|                         | Solid                                                                   | PDS2288*       | PDS2288*     | PDS2288*     | PDS2288*     |
|                         | Plexiglas Solid Perimeter                                               | PDLS2288*      | PDLS2288*    | PDLS2288*    | PDLS2288*    |
|                         | Plexiglas Perforated Perimeter                                          | PDLP2288*      | PDLP2288*    | PDLP2288*    | PDLP2288*    |
| Step 3                  | Perforated                                                              | PDP2288*       | PDP2288*     | PDP2288*     | PDP2288*     |
|                         | Vented                                                                  | PDV2288*       | PDV2288*     | PDV2288*     | PDV2288*     |
|                         | Side Panel (pair)                                                       |                |              |              |              |
|                         | Solid                                                                   | PSS8825        | PSS8830      | PSS8836      | PSS8842      |
|                         | Vented                                                                  | PSV8825        | PSV8830      | PSV8836      | PSV8842      |
| Step 4                  | Perforated                                                              | PSP8825        | PSP8830      | PSP8836      | PSP8842      |
|                         | Top Panel (each)                                                        |                |              |              |              |
|                         | Solid                                                                   | TFPS1925       | TFPS1930     | TFPS1936     | TFPS1942     |
|                         | Perforated                                                              | TFPP1925       | TFPP1930     | TFPP1936     | TFPP1942     |
|                         | Single Fan Panel w/4 Fans                                               | TFP4F1925      | TFP4F1930    | TFP4F1936    | TFP4F1942    |
|                         | 4 Fan Panel Kit w/cable management panels                               | PT4F1925       | PT4F1930     | PT4F1936     | PT4F1942     |

## STEP 5 – ADD ACCESSORIES

### Product Accessories

A wide array of optional accessories are available for complete customization of your products.

For further information on options and accessories please consult your Sales Representative or our Customer Care Team.

A wide range of options and accessories add flexibility.

Pioneer cabinets can be customized to suit your specific application requirements with the addition of any standard accessory items. Choose from options including:

- Door Handles and Locks
- 3-Point Latching Kits
- Casters
- PowerOptions™
- Cable Management
- Shelving and Trays
- Filler Panels and Wedges
- Work Surfaces
- Thermal Management
- Reducer Brackets
- Lighting Options
- Cabinet Accessories

### Handle/Locking Options

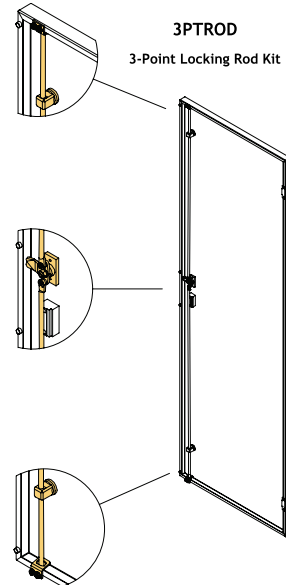
| Order Code | Description                                                                |
|------------|----------------------------------------------------------------------------|
| PHB000     | Handle with non-locking insert, removable core                             |
| PHL100*    | Handle with 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 |

\*Note: All Pioneer cabinet doors ship with handle option PHL100 unless otherwise specified.

25 different key options are available—call your dealer or 800-558-7297 for more information

### 3-Point Latching Kits

| Order Code | Description               |
|------------|---------------------------|
| 3PTR0D38KT | Kit, 3-point Lock Rod 22U |
| 3PTR0D44KT | Kit, 3-point Lock Rod 25U |
| 3PTR0D49KT | Kit, 3-point Lock Rod 28U |
| 3PTR0D53KT | Kit, 3-point Lock Rod 30U |
| 3PTR0D61KT | Kit, 3-point Lock Rod 35U |
| 3PTR0D70KT | Kit, 3-point Lock Rod 40U |
| 3PTR0D74KT | Kit, 3-point Lock Rod 42U |
| 3PTR0D78KT | Kit, 3-point Lock Rod 45U |
| 3PTR0D84KT | Kit, 3-point Lock Rod 48U |
| 3PTR0D88KT | Kit, 3-point Lock Rod 50U |
| 3PTR0D91KT | Kit, 3-point Lock Rod 52U |



Handle With Lock-PHL100



PHL100



PHP000



PHC300



PHC400



Rack Mount PowerOptions



Vertical PowerOptions

### Vertical & Rack Mount PowerOptions™

|                                                | Order code      | Amps | Volts | No. of Receptacles | Cord Length | Plug Type            | Dimensions Length x Depth x Width | Breaker Yes or No |
|------------------------------------------------|-----------------|------|-------|--------------------|-------------|----------------------|-----------------------------------|-------------------|
| Standard Vertical Mount Power Strip            | EPV3910-E15P    | 15   | 125   | 10 NEMA 5-15R      | 10'         | 5-15P Straight Blade | 38.5 x 1.85 x 1.3                 | Yes (Thermal)     |
|                                                | EPVT4812-E15PNX | 15   | 125   | 12 NEMA 5-15R      |             | 5-15P Straight Blade | 47.5 x 1.25 x 1.1                 | No                |
|                                                | EPV4814-E15P    | 15   | 125   | 14 NEMA 5-15R      |             | 5-15P Straight Blade | 47.5 x 1.85 x 1.3                 | Yes (Thermal)     |
|                                                | EPV4814-E15T    | 15   | 125   | 14 NEMA 5-15R      |             | L5-15P Twist Lock    | 47.5 x 1.85 x 1.3                 | Yes (Thermal)     |
|                                                | EPV4814-B20P    | 20   | 125   | 14 NEMA 5-20R      |             | 5-20P Straight Blade | 47.5 x 1.85 x 1.3                 | Yes (Thermal)     |
|                                                | EPV4814-B20T    | 20   | 125   | 14 NEMA 5-20R      |             | L5-20P Twist Lock    | 47.5 x 1.85 x 1.3                 | Yes (Thermal)     |
|                                                | EPVT4812-K20PNX | 20   | 125   | 12 NEMA 5-20R      |             | 5-15P Straight Blade | 47.5 x 1.25 x 1.1                 | No                |
|                                                | EPV6620-A15P    | 15   | 125   | 20 NEMA 5-15R      |             | 5-15P Straight Blade | 66.25 x 1.85 x 1.3                | Yes (Thermal)     |
|                                                | EPV6620-A15T    | 15   | 125   | 20 NEMA 5-15R      |             | L5-15P Twist Lock    | 66.25 x 1.85 x 1.3                | Yes (Thermal)     |
|                                                | EPVT6620-E15PNX | 15   | 125   | 20 NEMA 5-15R      |             | 5-15P Straight Blade | 66.25 x 1.25 x 1.1                | No                |
|                                                | EPV6620-B20P    | 20   | 125   | 20 NEMA 5-20R      |             | 5-20P Straight Blade | 66.25 x 1.85 x 1.3                | Yes (Thermal)     |
|                                                | EPV6620-B20T    | 20   | 125   | 20 NEMA 5-20R      |             | L5-20P Twist Lock    | 66.25 x 1.85 x 1.3                | Yes (Thermal)     |
|                                                | EPVT6620-K20PNX | 20   | 125   | 20 NEMA 5-20R      |             | 5-20P Straight Blade | 66.25 x 1.25 x 1.1                | No                |
| Standard 19" Rack Mount Power Strip            | EPV1706-B20P    | 20   | 125   | 6 NEMA 5-20R       | 10'         | 5-20P Straight Blade | 17 x 1.72 x 1.61                  | Yes (Thermal)     |
|                                                | EPV1706-B20T    | 20   | 125   | 6 NEMA 5-20R       |             | L5-20P Twist Lock    | 17 x 1.72 x 1.61                  | Yes (Thermal)     |
|                                                | EPH306-B20P     | 20   | 125   | 6 NEMA 5-20R       |             | 5-20P Straight Blade | 17 x 1.72 x 3.75                  | Yes (Thermal)     |
|                                                | EPH306-B20T     | 20   | 125   | 6 NEMA 5-20R       |             | L5-20P Twist Lock    | 17 x 1.72 x 3.75                  | Yes (Thermal)     |
|                                                | EPH310-B20PS    | 20   | 125   | 10 NEMA 5-20R      |             | 5-20P Straight Blade | 17 x 1.72 x 3.75                  | Yes (Thermal)     |
|                                                | EPH310-A15PS    | 15   | 125   | 10 NEMA 5-15R      |             | 5-15P Straight Blade | 17 x 1.72 x 3.75                  | Yes (Thermal)     |
|                                                | EPH306-F15PS    | 15   | 125   | 6 NEMA 5-15R       |             | 5-15P Straight Blade | 17 x 1.72 x 3.75                  | Yes (Thermal)     |
|                                                | EPH608-F15PS    | 15   | 125   | 8 NEMA 5-15R       |             | 5-15P Straight Blade | 17 x 1.72 x 3.75                  | Yes (Thermal)     |
| PDU (Power Distribution Unit) - 19" Rack Mount | EPH612-B20TN    | 20   | 125   | 12 NEMA 5-20R      | 10'         | L5-20P Twist Lock    | 17 x 1.72 x 4.5                   | Yes (Magnetic)    |
|                                                | EPH612-D30TN    | 30   | 125   | 12 NEMA 5-20R      |             | L5-20P Twist Lock    | 17 x 1.72 x 6.5                   | Yes (Magnetic)    |
|                                                | EPH612-U20TN    | 20   | 250   | 12 NEMA 6-20R      |             | L6-20P Twist Lock    | 17 x 1.72 x 6.5                   | Yes (Magnetic)    |
|                                                | EPH612-C30TN    | 30   | 250   | 12 NEMA 6-20R      |             | L6-30P Twist Lock    | 17 x 1.72 x 6.5                   | Yes (Magnetic)    |
|                                                | EPH412-E30TN    | 30   | 250   | 12 IEC 320         |             | L6-30P Twist Lock    | 17 x 1.72 x 6.5                   | Yes (Magnetic)    |

For brochures featuring complete PowerOptions listings, go to the literature download section of our Website.

## STEP 5 – ADD ACCESSORIES

Vertical and horizontal lacing bars provide flexible cable management solutions for cable runs inside the cabinet.

## Vertical/Horizontal Lacing Bars and Cable Management

| Order code         | Description                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| ALB21              | Aluminum lacing bar, vertical, 1.00" wide x 0.12" thick, EIA spaced 10-32 tapped holes, 21.00" VPO, 12U, black only                 |
| ALB44              | Aluminum lacing bar, vertical, 1.00" wide x 0.12" thick, EIA spaced 10-32 tapped holes, 44.00" VPO, 25U, black only                 |
| ALB53 <sup>†</sup> | Aluminum lacing bar, vertical, 1.00" wide x 0.12" thick, EIA spaced 10-32 tapped holes, 52.50" VPO, 30U, black only                 |
| ALB61              | Aluminum lacing bar, vertical, 1.00" wide x 0.12" thick, EIA spaced 10-32 tapped holes, 61.25" VPO, 35U, black only                 |
| ALB70              | Aluminum lacing bar, vertical, 1.00" wide x 0.12" thick, EIA spaced 10-32 tapped holes, 70.00" VPO, 40U, black only                 |
| ALB74              | Aluminum lacing bar, vertical, 1.00" wide x 0.12" thick, EIA spaced 10-32 tapped holes, 73.50" VPO, 42U, black only                 |
| ALB78              | Aluminum lacing bar, vertical, 1.00" wide x 0.12" thick, EIA spaced 10-32 tapped holes, 78.75" VPO, 45U, black only                 |
| ALB84              | Aluminum lacing bar, vertical, 1.00" wide x 0.12" thick, EIA spaced 10-32 tapped holes, 84.00" VPO, 48U, black only                 |
| ALB88              | Aluminum lacing bar, vertical, 1.00" wide x 0.12" thick, EIA spaced 10-32 tapped holes, 87.50" VPO, 50U, black only                 |
| ALB91*             | Aluminum lacing bar, vertical, 1.00" wide x 0.12" thick, EIA spaced 10-32 tapped holes, 91.00" VPO, 52U – For Pioneer AV Rack only  |
| ALB49**            | Aluminum lacing bar, vertical, 1.00" wide x 0.12" thick, EIA spaced 10-32 tapped holes – For Frontier Console 800 series frame only |
| CMBKIT             | Cable management bracket, set of 4, black – 1.0" high x 3.0" wide x 3.0" deep                                                       |
| CPR191             | Ring cable management panels, 19" HPO, 1.75" PS, 1U, ring 1.47" high x 2.5" deep, black                                             |
| CPR192             | Ring cable management panels, 19" HPO, 3.50" PS, 2U, ring 3.22" high x 2.5" deep, black                                             |
| CPT191             | Reusable cable tie organizer, 19" HPO, 1.75" PS, 1U, black                                                                          |
| CPT192             | Reusable cable tie organizer, 19" HPO, 3.50" PS, 2U, black                                                                          |
| CR0400             | Cable management ring, set of 4, black – 1.5" high x 2.8" wide base with 2.0" x 6.0" D rod                                          |
| CLB 6M*            | Rack mount steel cable lacing bar, SLOTTED, 6" offset, black                                                                        |
| CLB 4M*            | Rack mount steel cable lacing bar, SLOTTED, 4" offset, black                                                                        |
| CLB 2M*            | Rack mount steel cable lacing bar, SLOTTED, 2" offset, black                                                                        |
| CLB M*             | Rack mount steel cable lacing bar, SLOTTED, straight, black                                                                         |
| HLB M*             | Rack mount steel lacing bar rod, SOLID, straight, black                                                                             |
| HLB 15M*           | Rack mount steel lacing bar rod, SOLID, 1.5" offset, black                                                                          |
| HLB 4M*            | Rack mount steel lacing bar rod, SOLID, 4" offset, black                                                                            |
| SLB 21M            | Steel lacing bar, vertical, SLOTTED, 21.00" VPO, 12U                                                                                |
| SLB 44M            | Steel lacing bar, vertical, SLOTTED, 44.00" VPO, 25U                                                                                |
| SLB 53M            | Steel lacing bar, vertical, SLOTTED, 52.50" VPO, 30U                                                                                |
| SLB 61M            | Steel lacing bar, vertical, SLOTTED, 61.25" VPO, 35U                                                                                |
| SLB 70M            | Steel lacing bar, vertical, SLOTTED, 70.00" VPO, 40U                                                                                |
| SLB 74M            | Steel lacing bar, vertical, SLOTTED, 73.50" VPO, 42U                                                                                |
| SLB 78M            | Steel lacing bar, vertical, SLOTTED, 78.75" VPO, 45U                                                                                |
| SLB 84M            | Steel lacing bar, vertical, SLOTTED, 84.00" VPO, 48U                                                                                |
| SLB 88M            | Steel lacing bar, vertical, SLOTTED, 87.50" VPO, 50U                                                                                |
| *PLV W21M          | Steel lacing panel, T-Hook™ head design, vertical, 21.00" VPO, 12U                                                                  |
| *PLV W44M          | Steel lacing panel, T-Hook head design, vertical, 44.00" VPO, 25U                                                                   |
| *PLV W53M          | Steel lacing panel, T-Hook head design, vertical, 52.50" VPO, 30U                                                                   |
| *PLV W61M          | Steel lacing panel, T-Hook head design, vertical, 61.25" VPO, 35U                                                                   |
| *PLV W70M          | Steel lacing panel, T-Hook head design, vertical, 70.00" VPO, 40U                                                                   |
| *PLV W74M          | Steel lacing panel, T-Hook head design, vertical, 73.50" VPO, 42U                                                                   |
| *PLV W78M          | Steel lacing panel, T-Hook head design, vertical, 78.75" VPO, 45U                                                                   |
| *PLV W84M          | Steel lacing panel, T-Hook head design, vertical, 84.00" VPO, 48U                                                                   |
| *PLV W88M          | Steel lacing panel, T-Hook head design, vertical, 87.50" VPO, 50U                                                                   |
| *PLV W91M*         | Steel lacing panel, T-Hook head design, vertical, 91.00" VPO, 52U                                                                   |
| *PLV W49M**        | Steel lacing panel, T-Hook head design, vertical, for Frontier 800 Series frame only                                                |

## Horizontal Lacing



## Horizontal Lacing Part Numbering Key

[ ] = 19 for 19" Rack mount -or-  
 [ ] = 23 for 23" Rack mount

\*Horizontal lacing also available in bulk packs of 10, to order, replace M with KTM at end of part number  
Example: CLB [ ]6KTM

## Vertical Lacing Part Numbering Key

[ ] = [ ] for SLB2 Lacing Panel, 2.5" Wide  
 [ ] = [ ] for SLB3 Lacing Panel, 3.5" Wide

[ ] = [ ] for 1-Wide Lacing Panel, 1.5" Wide  
 [ ] = [ ] for 2-Wide, 3.25" Wide  
 [ ] = [ ] for 3-Wide, 5" Wide

To Specify Color: M = Black, F = Computer Gray, P = Light Gray, E = Royal Blue. Example: SLB [ ]49E for Blue.  
♦ PLV Series also available in half height sizes (use PLVH).

<sup>†</sup> ALB53 is height for Pioneer standard enclosures only – Not compatible with Pioneer Seismic or Pioneer AV. \*Special height for Pioneer AV \*\*Special height for Frontier Console only

## Grounding Bars

| Order code | Description                                                                                        |
|------------|----------------------------------------------------------------------------------------------------|
| GB190106   | Rack mounted copper ground bar, 0.25" x 1.00" 19" HPO. Also available in 23" HPO - order code GB23 |
| ICBB       | Buss bar, isolated, copper 1.00" wide x 0.12" thick, EIA spaced 10-32 tapped holes                 |

[ ] = Isolated buss bar height. Available heights are: [ ] for 21.00" VPO, 12U - [ ] for 43.75" VPO, 25U - [ ] for 49.00" VPO, 28U  
 [ ] for 52.50" VPO, 30U - [ ] for 61.25" VPO, 35U - [ ] for 70.00" VPO, 40U - [ ] for 73.50" VPO, 42U - [ ] for 78.75" VPO, 45U  
 [ ] for 84.00" VPO, 48U - [ ] for 87.50" VPO, 50U \*49" height is for Frontier only

## STEP 5 – ADD ACCESSORIES—CASTERS &amp; FLOOR MOUNTING KITS

## Floor Mounting Kits for Frames, Casters

| Order code | Description                                                                           |
|------------|---------------------------------------------------------------------------------------|
| ANCHORKIT  | Vertical enclosure floor anchoring kit – set of 4 brackets, black                     |
| ANTI PKT   | 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 |
| CSTFRS     | Caster kit fine 2-rigid 2-swivel                                                      |
| CSTFSS     | Caster kit fine 4-swivel                                                              |
| CSTHRS     | Caster kit heavy duty 2-rigid 2-swivel                                                |
| CSTHSS     | Caster kit heavy duty 4-swivel                                                        |
| CSTSRs     | Caster kit standard 2-rigid 2-swivel                                                  |
| CSTSSS     | Caster kit standard 4-swivel                                                          |



Casters - CST



Anchor Kit - ANCHORKIT

## Slotted Lacing Panels



SLB [ ] (2.5" Wide)



SLB [ ] (3.5" Wide)



Aluminum Lacing bars - ALB



Copper buss bar - ICBB



Lacing bar rod straight - HLB

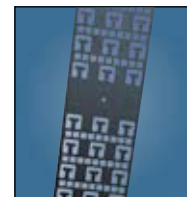
## T-Hook™ Lacing Panels



[ ] -Wide (1.5" Wide)



[ ] -Wide (3.25" Wide)



[ ] -Wide (5" Wide)



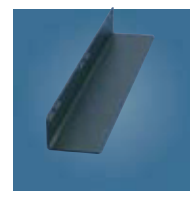
Grounding bar - GB



Cable management rings-CPT

## Equipment Support Angles

| Order code | Description                                                     |
|------------|-----------------------------------------------------------------|
| CHAS25     | Chassis support angle, 2" x 3", 12 gauge, 25" deep frame, black |
| CHAS30     | Chassis support angle, 2" x 3", 12 gauge, 30" deep frame, black |
| CHAS36     | Chassis support angle, 2" x 3", 12 gauge, 36" deep frame, black |
| CHAS42     | Chassis support angle, 2" x 3", 12 gauge, 42" deep frame, black |



Equipment Support Angles

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.

## STEP 5 – ADD ACCESSORIES, BOTTOM PANELS

## 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



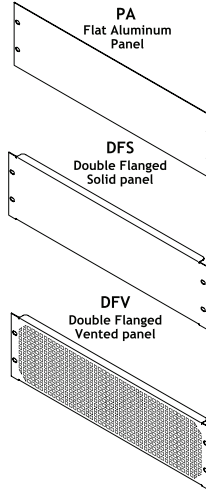
## STEP 5 – ADD ACCESSORIES

**Note:** Filler panel part numbers published here are for 19" rack mount widths only. These are available in 23" and 24" rack mount widths also. (Example: **FPS1901** changes to part number **FPS2301** for 23" rack mount, or **FPS2401** for 24" rack mount).

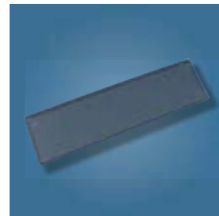
| Filler Panels - Steel | Solid 19" Width | Perforated 19" Width |
|-----------------------|-----------------|----------------------|
| Panel Height          |                 |                      |
| 1.75" - 1U            | <b>FPS1901</b>  | <b>FPP1901</b>       |
| 3.50" - 2U            | <b>FPS1903</b>  | <b>FPP1903</b>       |
| 5.25" - 3U            | <b>FPS1905</b>  | <b>FPP1905</b>       |
| 7.00" - 4U            | <b>FPS1907</b>  | <b>FPP1907</b>       |
| 8.75" - 5U            | <b>FPS1908</b>  | <b>FPP1908</b>       |
| 10.50" - 6U           | <b>FPS1910</b>  | <b>FPP1910</b>       |
| 12.25" - 7U           | <b>FPS1912</b>  | <b>FPP1912</b>       |
| 14.00" - 8U           | <b>FPS1914</b>  | <b>FPP1914</b>       |
| 15.75" - 9U           | <b>FPS1915</b>  | <b>FPP1915</b>       |
| 17.50" - 10U          | <b>FPS1917</b>  | <b>FPP1917</b>       |
| 19.25" - 11U          | <b>FPS1919</b>  | <b>FPP1919</b>       |
| 21.00" - 12U          | <b>FPS1921</b>  | <b>FPP1921</b>       |
| 24.50" - 14U          | <b>FPS1924</b>  | <b>FPP1924</b>       |
| 26.25" - 15U          | <b>FPS1926</b>  | <b>FPP1926</b>       |
| 31.50" - 18U          | <b>FPS1931</b>  | <b>FPP1931</b>       |
| 43.75" - 25U          | <b>FPS1943</b>  | <b>FPP1943</b>       |
| 49.00" - 28U          | <b>FPS1949</b>  | <b>FPP1949</b>       |



**Filler Panels, Steel - FPS**

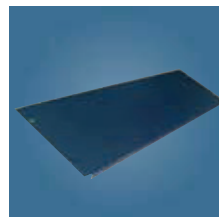


| Filler Panels - Aluminum | 19" Width     |
|--------------------------|---------------|
| Panel Height             |               |
| 1.75" - 1U               | <b>PA1901</b> |
| 3.50" - 2U               | <b>PA1903</b> |
| 5.25" - 3U               | <b>PA1905</b> |
| 7.00" - 4U               | <b>PA1907</b> |
| 8.75" - 5U               | <b>PA1908</b> |
| 10.50" - 6U              | <b>PA1910</b> |



**Filler Panels, Aluminum - PA**

| Filler Panels - Steel Double Flanged | 19" Width      |
|--------------------------------------|----------------|
| Panel Height                         |                |
| 1.75" - 1U                           | <b>DFS1901</b> |
| 3.50" - 2U                           | <b>DFS1903</b> |
| 5.25" - 3U                           | <b>DFS1905</b> |
| 7.00" - 4U                           | <b>DFS1907</b> |
| 8.75" - 5U                           | <b>DFS1908</b> |
| 10.50" - 6U                          | <b>DFS1910</b> |



**Filler Panels, Steel Double Flanged - DFS**

| Filler Panels - Steel Double Flanged Vented | 19" Width      |
|---------------------------------------------|----------------|
| Panel Height                                |                |
| 1.75" - 1U                                  | <b>DFV1901</b> |
| 3.50" - 2U                                  | <b>DFV1903</b> |
| 5.25" - 3U                                  | <b>DFV1905</b> |
| 7.00" - 4U                                  | <b>DFV1907</b> |



**Filler Panels, Steel Double Flanged Vented - DFV**

| Filler Panels - Steel 4-Flanged Cable Access | Description                                                                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------|
| Order Code                                   |                                                                                           |
| <b>FPC1905</b>                               | Panel, Formed, Cable Management, (2) 2.00" x 4.75" I.D. Plastic Ovals, 19" Rack Mount, 3U |
| <b>FPC2405</b>                               | Panel, Formed, Cable Management, (2) 2.00" x 4.75" I.D. Plastic Ovals, 24" Rack Mount, 3U |

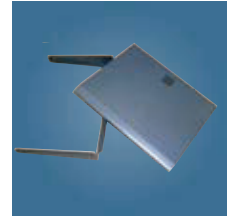


**Filler Panels, Steel 4-Flanged Cable Access - FPC**

| Filler Panels - Kits | Description                                                                            |
|----------------------|----------------------------------------------------------------------------------------|
| Order Code           |                                                                                        |
| <b>DFS19KT</b>       | Panel, kit, steel double flanged, solid, 19" HPO, 26.75" PS, 1 each @ 1U, 2U, 4U, & 8U |
| <b>DFS24KT</b>       | Panel, kit, steel double flanged, solid, 24" HPO, 26.75" PS, 1 each @ 1U, 2U, 4U, & 8U |

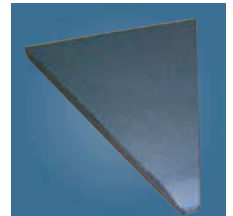
| Work Surface (18" Deep) | Frame Width     | Number of Bays |
|-------------------------|-----------------|----------------|
| Order Code              |                 |                |
| <b>WS12218</b>          | 22.16"          | 1              |
| <b>WS22218</b>          | 22.16"          | 2              |
| <b>WS32218</b>          | 22.16"          | 3              |
| <b>WSW3018</b>          | 30 Degree Wedge |                |
| <b>WSW4518</b>          | 45 Degree Wedge |                |

**Specify color-  
Graphite - G  
or White - W**

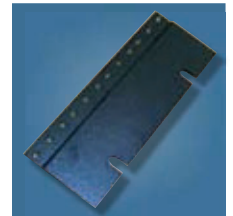


**Work Surface (18" Deep) - WS**

| 30 Degree Wedge Frame | Height | Depth  | Front Face Width | 45 Degree Wedge Frame | Height | Depth  | Front Face Width |
|-----------------------|--------|--------|------------------|-----------------------|--------|--------|------------------|
| <b>PW302125</b>       | 29.50" | 25.63" | 10.5"            | <b>PW452125</b>       | 29.50" | 25.63" | 15.0"            |
| <b>PW304425</b>       | 52.25" |        |                  | <b>PW454425</b>       | 52.25" |        |                  |
| <b>PW305325</b>       | 61.00" |        |                  | <b>PW455325</b>       | 61.00" |        |                  |
| <b>PW306125</b>       | 69.75" |        |                  | <b>PW456125</b>       | 69.75" |        |                  |
| <b>PW307025</b>       | 82.00" |        |                  | <b>PW457025</b>       | 82.00" |        |                  |
| <b>PW307425</b>       | 87.25" |        |                  | <b>PW457425</b>       | 87.25" |        |                  |
| <b>PW307825</b>       | 92.50" |        |                  | <b>PW457825</b>       | 92.50" |        |                  |
| <b>PW308425</b>       | 96.00" |        |                  | <b>PW458425</b>       | 96.00" |        |                  |
| <b>PW308825</b>       | 87.75" |        |                  | <b>PW458825</b>       | 87.75" |        |                  |
| <b>PW302130</b>       | 29.50" | 30.88" | 10.5"            | <b>PW452130</b>       | 29.50" | 30.88" | 15.0"            |
| <b>PW304430</b>       | 52.25" |        |                  | <b>PW454430</b>       | 52.25" |        |                  |
| <b>PW305330</b>       | 61.00" |        |                  | <b>PW455330</b>       | 61.00" |        |                  |
| <b>PW306130</b>       | 69.75" |        |                  | <b>PW456130</b>       | 69.75" |        |                  |
| <b>PW307030</b>       | 82.00" |        |                  | <b>PW457030</b>       | 82.00" |        |                  |
| <b>PW307430</b>       | 87.25" |        |                  | <b>PW457430</b>       | 87.25" |        |                  |
| <b>PW307830</b>       | 92.50" |        |                  | <b>PW457830</b>       | 92.50" |        |                  |
| <b>PW308430</b>       | 96.00" |        |                  | <b>PW458430</b>       | 96.00" |        |                  |
| <b>PW308830</b>       | 87.75" |        |                  | <b>PW458830</b>       | 87.75" |        |                  |
| <b>PW302136</b>       | 29.50" | 36.12" | 10.5"            | <b>PW452136</b>       | 29.50" | 36.12" | 15.0"            |
| <b>PW304436</b>       | 52.25" |        |                  | <b>PW454436</b>       | 52.25" |        |                  |
| <b>PW305336</b>       | 61.00" |        |                  | <b>PW455336</b>       | 61.00" |        |                  |
| <b>PW306136</b>       | 69.75" |        |                  | <b>PW456136</b>       | 69.75" |        |                  |
| <b>PW307036</b>       | 82.00" |        |                  | <b>PW457036</b>       | 82.00" |        |                  |
| <b>PW307436</b>       | 87.25" |        |                  | <b>PW457436</b>       | 87.25" |        |                  |
| <b>PW307836</b>       | 92.50" |        |                  | <b>PW457836</b>       | 92.50" |        |                  |
| <b>PW308436</b>       | 96.00" |        |                  | <b>PW458436</b>       | 96.00" |        |                  |
| <b>PW308836</b>       | 87.75" |        |                  | <b>PW458836</b>       | 87.75" |        |                  |



**Work Surface for 30 Degree Wedge - WSW**



**Rack Mount Reducer Brackets - AB**

## Rack Mount Reducer Brackets

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

## Fan Filler Panels - Steel 4-Flanged, 4-Fan

| Order Code      | Description                                                    |
|-----------------|----------------------------------------------------------------|
| <b>FP4F1910</b> | Panel, Formed, (4) 4" Fan Holes, 19" Rackmount, 10.50" PS, 6U  |
| <b>FP4F1915</b> | Panel, Formed, (4) 4" Fan Holes, 19" Rackmount, 15.75" PS, 9U  |
| <b>FP4F1921</b> | Panel, Formed, (4) 4" Fan Holes, 19" Rackmount, 21.00" PS, 12U |
| <b>FP4F1926</b> | Panel, Formed, (4) 4" Fan Holes, 19" Rackmount, 26.25" PS, 15U |
| <b>FP4F1931</b> | Panel, Formed, (4) 4" Fan Holes, 19" Rackmount, 31.50" PS, 18U |



**Fan Panel, Steel 4-Flanged, 4-Fan - FP4F**



**STEP 5 – ADD ACCESSORIES** Note: Double flanged fan panels listed below are also available in 23" & 24" rack mount (Example: DF1F1905 changes to part number DF1F2305 for 23" rack mount).

| Cooling and Fan Trays |                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------|
| Order Code            | Description                                                                               |
| PB325A                | Blower, packaged, 275cfm, 115V, 19" HPO, 5.25" VPO, 3U                                    |
| PCP1905               | Panel, flat steel with exhaust fans, 220cfm, 2 x FAN110 fans, 115V, 19" HPO, 5.25" PS, 3U |
| PCP2405               | Panel, flat steel with exhaust fans, 220cfm, 2 x FAN110 fans, 115V, 24" HPO, 5.25" PS, 3U |
| DF1F1905              | Double Flanged Fan Panel (1) 115V AC 110 CFM Fan 19" Rackmount, 3U (5.25")                |
| DF2F1905              | Double Flanged Fan Panel (2) 115V AC 110 CFM Fans 19" Rackmount, 3U (5.25")               |
| DF3F1905              | Double Flanged Fan Panel (3) 115V AC 110 CFM Fans 19" Rackmount, 3U (5.25")               |
| STA683                | Fan tray, 3 fan, 180cfm, 115V, 19" HPO, 1.75" VPO, 1U, light gray                         |
| STA686                | Fan tray, 6 fan, 360cfm, 115V, 19" HPO, 1.75" VPO, 1U, light gray                         |
| STA689                | Fan tray, 9 fan, 540cfm, 115V, 19" HPO, 1.75" VPO, 1U, light gray                         |



Rack Mount Fan Panels - PCP



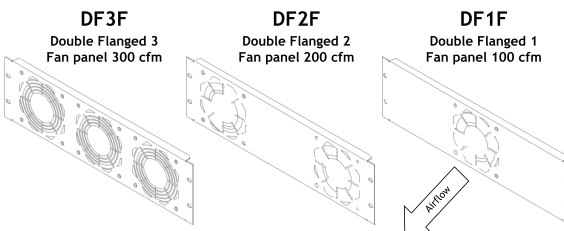
Fan Tray, 3-Fan - STA683



Fan Tray, 9-Fan - STA689



Fan Tray, 6-Fan - STA686



| Spacer Frames |               |              |     |               |
|---------------|---------------|--------------|-----|---------------|
| Order Code    | Cabinet Depth | Spacer Width | VPO | Color Options |
| PSF27025      | 25            | 2"           | 70  | M – Black     |
| PSF27030      | 30            |              |     | F – C. Gray   |
| PSF27036      | 36            |              |     | P – L. Gray   |
| PSF27042      | 42            |              |     | E – R. Blue   |
| PSF27825      | 25            | 2"           | 78  | M – Black     |
| PSF27830      | 30            |              |     | F – C. Gray   |
| PSF27836      | 36            |              |     | P – L. Gray   |
| PSF27842      | 42            |              |     | E – R. Blue   |
| PSF28825      | 25            | 2"           | 88  | M – Black     |
| PSF28830      | 30            |              |     | F – C. Gray   |
| PSF28836      | 36            |              |     | P – L. Gray   |
| PSF28842      | 42            |              |     | E – R. Blue   |
| PSF34425      | 25            | 3"           | 44  | M – Black     |
| PSF34430      | 30            |              |     | F – C. Gray   |
| PSF34436      | 36            |              |     | P – L. Gray   |
| PSF34442      | 42            |              |     | E – R. Blue   |
| PSF36125      | 25            | 3"           | 61  | M – Black     |
| PSF36130      | 30            |              |     | F – C. Gray   |
| PSF36136      | 36            |              |     | P – L. Gray   |
| PSF36142      | 42            |              |     | E – R. Blue   |
| PSF37025      | 25            | 3"           | 70  | M – Black     |
| PSF37030      | 30            |              |     | F – C. Gray   |
| PSF37036      | 36            |              |     | P – L. Gray   |
| PSF37042      | 42            |              |     | E – R. Blue   |
| PSF37825      | 25            | 3"           | 78  | M – Black     |
| PSF37830      | 30            |              |     | F – C. Gray   |
| PSF37836      | 36            |              |     | P – L. Gray   |
| PSF37842      | 42            |              |     | E – R. Blue   |
| PSF38825      | 25            | 3"           | 88  | M – Black     |
| PSF38830      | 30            |              |     | F – C. Gray   |
| PSF38836      | 36            |              |     | P – L. Gray   |
| PSF38842      | 42            |              |     | E – R. Blue   |
| PSF44425      | 25            | 4"           | 44  | M – Black     |
| PSF44430      | 30            |              |     | F – C. Gray   |
| PSF44436      | 36            |              |     | P – L. Gray   |
| PSF44442      | 42            |              |     | E – R. Blue   |
| PSF46125      | 25            | 4"           | 61  | M – Black     |
| PSF46130      | 30            |              |     | F – C. Gray   |
| PSF46136      | 36            |              |     | P – L. Gray   |
| PSF46142      | 42            |              |     | E – R. Blue   |
| PSF47025      | 25            | 4"           | 70  | M – Black     |
| PSF47030      | 30            |              |     | F – C. Gray   |
| PSF47036      | 36            |              |     | P – L. Gray   |
| PSF47042      | 42            |              |     | E – R. Blue   |
| PSF47825      | 25            | 4"           | 78  | M – Black     |
| PSF47830      | 30            |              |     | F – C. Gray   |
| PSF47836      | 36            |              |     | P – L. Gray   |
| PSF47842      | 42            |              |     | E – R. Blue   |

| Spacer Frames <i>Continued</i> |               |              |     |               |
|--------------------------------|---------------|--------------|-----|---------------|
| Order Code                     | Cabinet Depth | Spacer Width | VPO | Color Options |
| PSF48825                       | 25            | 4"           | 88  | M – Black     |
| PSF48830                       | 30            |              |     | F – C. Gray   |
| PSF48836                       | 36            |              |     | P – L. Gray   |
| PSF48842                       | 42            |              |     | E – R. Blue   |
| PSF54425                       | 25            | 5"           | 44  | M – Black     |
| PSF54430                       | 30            |              |     | F – C. Gray   |
| PSF54436                       | 36            |              |     | P – L. Gray   |
| PSF54442                       | 42            |              |     | E – R. Blue   |
| PSF56125                       | 25            | 5"           | 61  | M – Black     |
| PSF56130                       | 30            |              |     | F – C. Gray   |
| PSF56136                       | 36            |              |     | P – L. Gray   |
| PSF56142                       | 42            |              |     | E – R. Blue   |
| PSF57025                       | 25            | 5"           | 70  | M – Black     |
| PSF57030                       | 30            |              |     | F – C. Gray   |
| PSF57036                       | 36            |              |     | P – L. Gray   |
| PSF57042                       | 42            |              |     | E – R. Blue   |
| PSF57825                       | 25            | 5"           | 78  | M – Black     |
| PSF57830                       | 30            |              |     | F – C. Gray   |
| PSF57836                       | 36            |              |     | P – L. Gray   |
| PSF57842                       | 42            |              |     | E – R. Blue   |
| PSF58825                       | 25            | 5"           | 88  | M – Black     |
| PSF58830                       | 30            |              |     | F – C. Gray   |
| PSF58836                       | 36            |              |     | P – L. Gray   |
| PSF58842                       | 42            |              |     | E – R. Blue   |
| PSF64425                       | 25            | 6"           | 44  | M – Black     |
| PSF64430                       | 30            |              |     | F – C. Gray   |
| PSF64436                       | 36            |              |     | P – L. Gray   |
| PSF64442                       | 42            |              |     | E – R. Blue   |
| PSF66125                       | 25            | 6"           | 61  | M – Black     |
| PSF66130                       | 30            |              |     | F – C. Gray   |
| PSF66136                       | 36            |              |     | P – L. Gray   |
| PSF66142                       | 42            |              |     | E – R. Blue   |
| PSF67025                       | 25            | 6"           | 70  | M – Black     |
| PSF67030                       | 30            |              |     | F – C. Gray   |
| PSF67036                       | 36            |              |     | P – L. Gray   |
| PSF67042                       | 42            |              |     | E – R. Blue   |
| PSF67825                       | 25            | 6"           | 78  | M – Black     |
| PSF67830                       | 30            |              |     | F – C. Gray   |
| PSF67836                       | 36            |              |     | P – L. Gray   |
| PSF67842                       | 42            |              |     | E – R. Blue   |
| PSF68825                       | 25            | 6"           | 88  | M – Black     |
| PSF68830                       | 30            |              |     | F – C. Gray   |
| PSF68836                       | 36            |              |     | P – L. Gray   |
| PSF68842                       | 42            |              |     | E – R. Blue   |



Interior Light - LK01



Document Holder - H290



Velcro Cable Ties - VCT8PK



Gang Kit - GANGKT



10-32 Zinc & 10-32 Black Clip Nuts - CLP1032

| Cabinet Accessories |                                                                                                                                       |            |                                                                                                                        |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------|
| Order Code          | Description                                                                                                                           | Order Code | Description                                                                                                            |
| 1032KT              | #10-32 Screw kit, includes 20 x H100Z Screws                                                                                          | CAGEKT     | #10-32 Cage nut hardware kit, includes 20 each H100Z screws and C7941-1032-3B cage nuts and 1 x 600004 insertion tool  |
| GANGKT              | Joining kit for multibay enclosure configurations, includes 6 each H72 1/4 hex head bolts, T3SQUARE square nuts and 3' H121 foam tape | CAGEMEGA   | #10-32 Cage nut hardware kit, includes 100 each H100Z screws and C7941-1032-3B cage nuts and 1 x 600004 insertion tool |
| H100KT              | #10-32 x 0.625" screw kit, bright zinc – pack of 100                                                                                  | CLIPTKT    | #10-32 Clip nut hardware kit, includes 20 each H110Z screws and C31758-1032-3B clip nuts                               |
| H100MEGA            | #10-32 x 0.625" screw kit, bright zinc – pack of 500                                                                                  | CHA353     | Cable hanger, adhesive back, packet of 10                                                                              |
| H100ZKT             | #10-32 x 0.625" screw kit, black – pack of 100                                                                                        | CHS1032F   | Cup head screws, bright zinc, 10-32UNC. x 0.625" long, packet of 20                                                    |
| H100ZMEGA           | #10-32 x 0.625" screw kit, black – pack of 500                                                                                        | CHS1032FA  | Cup head screws, black, 10-32UNC. x 0.625" long, packet of 20                                                          |
| H290                | Document holder                                                                                                                       | CHS1224F   | Cup head screws, bright zinc, 12-24UNC. x 0.625" long, packet of 20                                                    |
| H99KT               | #10-32 x 1.20" screw kit, bright zinc – pack of 100                                                                                   | CHS1224FA  | Cup head screws, black, 12-24UNC. x 0.625" long, packet of 20                                                          |
| H99ZKT              | #10-32 x 1.20" screw kit, black – pack of 100                                                                                         | CLP100ZKT  | Screw/clip nut kit, 20 each H100Z and CLP1032                                                                          |
| LK01                | Interior light, white, 15 Watts, 20.0" long x 1.50" high x 2.25" deep, 6' power cord with NEMA 5-15P plug, on/off switch, 120V/15A    | CLP1032    | Clip nuts, 10-32                                                                                                       |
| VCT11PK             | 11" Velcro cable ties – pack of 50                                                                                                    |            |                                                                                                                        |
| VCT8PK              | 8" Velcro cable ties – pack of 50                                                                                                     |            |                                                                                                                        |
| CAGEMKT             | M6 Cage nut hardware kit, includes 20 each SCR103 M6 screws and C7988-M62-3F cage nuts and 1 x 600004 insertion tool                  |            |                                                                                                                        |

## STEP 5 – ADD ACCESSORIES

## Cantilevered Shelves – Front Mount Only

| Order code | Description                                                                              |
|------------|------------------------------------------------------------------------------------------|
| CS1912S    | 19" Rack mountable cantilevered shelf, solid, 50lbs. capacity, 3.50" PS 2U, 12.50" deep  |
| CS1912V    | 19" Rack mountable cantilevered shelf, vented 50lbs. capacity, 3.50" PS 2U, 12.50" deep  |
| CS1914S    | 19" Rack mountable cantilevered shelf, solid, 50lbs. capacity, 3.50" PS 2U, 14.50" deep  |
| CS1914V    | 19" Rack mountable cantilevered shelf, vented 50lbs. capacity, 3.50" PS 2U, 14.50" deep  |
| CS1919S    | 19" Rack mountable cantilevered shelf, solid, 50lbs. capacity, 3.50" PS 2U, 19.00" deep  |
| CS1919V    | 19" Rack mountable cantilevered shelf, vented 50lbs. capacity, 3.50" PS 2U, 19.00" deep  |
| CS2312S    | 23" Rack mountable cantilevered shelf, solid, 50lbs. capacity, 3.50" PS 2U, 12.50" deep  |
| CS2312V    | 23" Rack mountable cantilevered shelf, vented, 50lbs. capacity, 3.50" PS 2U, 12.50" deep |
| CS2314S    | 23" Rack mountable cantilevered shelf, solid 50lbs. capacity, 3.50" PS 2U, 14.50" deep   |
| CS2314V    | 23" Rack mountable cantilevered shelf, vented 50lbs. capacity, 3.50" PS 2U, 14.50" deep  |
| CS2412S    | 24" Rack mountable cantilevered shelf, solid, 50lbs. capacity, 3.50" PS 2U, 12.50" deep  |
| CS2412V    | 24" Rack mountable cantilevered shelf, vented 50lbs. capacity, 3.50" PS 2U, 12.50" deep  |
| CS2414S    | 24" Rack mountable cantilevered shelf, solid, 50lbs. capacity, 3.50" PS 2U, 14.50" deep  |
| CS2414V    | 24" Rack mountable cantilevered shelf, vented 50lbs. capacity, 3.50" PS 2U, 14.50" deep  |

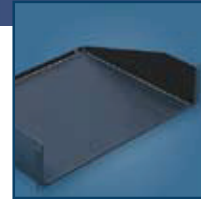
## Full Depth Sliding and Fixed Shelves – 4 Point Mounting

|                            | Order code | Description                                                                                |
|----------------------------|------------|--------------------------------------------------------------------------------------------|
| Full Depth Sliding Shelves | HDSS1919   | 19" Rack mountable heavy duty roll-out shelf, vented, 150lbs. capacity, 19.25" deep, black |
|                            | HDSS1924   | 19" Rack mountable heavy duty roll-out shelf, vented, 150lbs. capacity, 24.00" deep, black |
|                            | HDSS1928   | 19" Rack mountable heavy duty roll-out shelf, vented, 150lbs. capacity, 28.00" deep, black |
|                            | HDSS2419   | 24" Rack mountable heavy duty roll-out shelf, vented, 150lbs. capacity, 19.25" deep, black |
|                            | HDSS2424   | 24" Rack mountable heavy duty roll-out shelf, vented, 150lbs. capacity, 24.00" deep, black |
|                            | HDSS2428   | 24" Rack mountable heavy duty roll-out shelf, vented, 150lbs. capacity, 28.00" deep, black |
|                            | SS1919     | 19" Rack mountable medium duty roll-out shelf, vented, 75lbs. capacity, 19.25" deep, black |
|                            | SS1924     | 19" Rack mountable medium duty roll-out shelf, vented, 75lbs. capacity, 24.00" deep, black |
|                            | SS1928     | 19" Rack mountable medium duty roll-out shelf, vented, 75lbs. capacity, 28.00" deep, black |
|                            | SS2419     | 24" Rack mountable medium duty roll-out shelf, vented, 75lbs. capacity, 19.25" deep, black |
| Full Depth Fixed Shelves   | SS2424     | 24" Rack mountable medium duty roll-out shelf, vented, 75lbs. capacity, 24.00" deep, black |
|                            | SS2428     | 24" Rack mountable medium duty roll-out shelf, vented, 75lbs. capacity, 28.00" deep, black |
|                            | ES1919     | 19" Rack mountable medium duty fixed shelf, vented, 100lbs. capacity, 19.25" deep, black   |
|                            | ES1924     | 19" Rack mountable medium duty fixed shelf, vented, 100lbs. capacity, 24.00" deep, black   |
|                            | ES1928     | 19" Rack mountable medium duty fixed shelf, vented, 100lbs. capacity, 28.00" deep, black   |
|                            | ES2419     | 24" Rack mountable medium duty fixed shelf, vented, 100lbs. capacity, 19.25" deep, black   |
|                            | ES2424     | 24" Rack mountable medium duty fixed shelf, vented, 100lbs. capacity, 24.00" deep, black   |
|                            | ES2428     | 24" Rack mountable medium duty fixed shelf, vented, 100lbs. capacity, 28.00" deep, black   |
|                            | HDES1919   | 19" Rack mountable heavy duty fixed shelf, vented, 400lbs. capacity, 19.25" deep, black    |
|                            | HDES1924   | 19" Rack mountable heavy duty fixed shelf, vented, 400lbs. capacity, 24.00" deep, black    |
|                            | HDES1928   | 19" Rack mountable heavy duty fixed shelf, vented, 400lbs. capacity, 28.00" deep, black    |
|                            | HDES2419   | 24" Rack mountable heavy duty fixed shelf, vented, 400lbs. capacity, 19.25" deep, black    |
|                            | HDES2424   | 24" Rack mountable heavy duty fixed shelf, vented, 400lbs. capacity, 24.00" deep, black    |
|                            | HDES2428   | 24" Rack mountable heavy duty fixed shelf, vented, 400lbs. capacity, 28.00" deep, black    |

## Keyboard Shelves/Equipment Drawers

| Order code | Description                                                                                 |
|------------|---------------------------------------------------------------------------------------------|
| KS19       | 19" HPO Drawer face, locking, retractable non-swivel shelf for compact size keyboard, black |
| KS19S      | 19" HPO Retractable swivel shelf for standard size keyboard with mousing surface, black     |
| KS24       | 24" HPO Drawer face, locking, retractable non-swivel shelf for compact size keyboard, black |
| ED190325   | Drawer, 19" HPS, 3.50" VPS, 2U, 25" deep                                                    |
| ED190525   | Drawer, 19" HPS, 5.25" VPS, 3U, 25" deep                                                    |
| ED191025   | Drawer, 19" HPS, 10.50" VPS, 6U, 25" deep                                                   |
| ED240325   | Drawer, 24" HPS, 3.50" VPS, 2U, 25" deep                                                    |
| ED240525   | Drawer, 24" HPS, 5.25" VPS, 3U, 25" deep                                                    |
| ED241025   | Drawer, 24" HPS, 10.50" VPS, 6U, 25" deep                                                   |
| LTD190325  | Drawer, lift-top, black laminate, 19" HPS, 3.50" VPS, 2U, 25" deep frame                    |
| LTD240325  | Drawer, lift-top, black laminate, 24" HPS, 3.50" VPS, 2U, 25" deep frame                    |

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



Cantilevered Shelf - CS



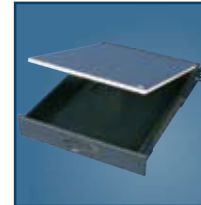
Rack Mount Gooseneck Power - LRX02



Sliding Shelf - HDSS &amp; SS



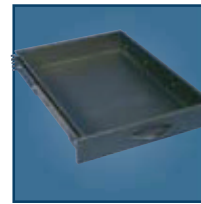
LED or Halogen Table Top Lamp - LED18 or LTG18



Lift Top Drawers - LTD



LED or Halogen Gooseneck Lamp - LED12X or L12X



Equipment Drawers - ED



Rack Mount Lamp - LRM01



Magnetic Base - LMB



Bulbs - LQ5W &amp; LK16W



Weighted Base - LWB



RackMount Bracket - LRMB



Work Light - LK01



Twin Rack Mount Gooseneck Lamp - LRM02

## Lighting Options

## Order Code Description

|        |                                                                                                                                                                                                                                                         |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LK01   | Light, relocatable fixture 16 Watt, T4 4100K lamp, 19 1/4" long w/ 6 ft 3 prong NEMA 5-15p plug. Magnetic mount with 5 adhesive J-Clips for cable management. Fits 22+ width frames.                                                                    |
| LRM02  | 1U rack mount panel with two high intensity 12" gooseneck lamps permanently attached. Goosenecks are recessed into the panel for transport and are controlled by dimmer switches. Includes 12-volt transformer and 6 ft cord. 5W tungsten halogen bulb. |
| LRX02  | Single space rack mount panel with two 3-pin XLR connectors for use with our X series 3-pin goosenecks. Includes 12-volt transformer and 6 ft cord. Goosenecks sold separately.                                                                         |
| LED18  | LED table top lampset with 18" gooseneck. 3-way rocker switch allows user to toggle between white light and red light output. Includes 12-volt transformer and 6 ft cord.                                                                               |
| LED12X | LED gooseneck with 3-pin XLR connector. 12-inch gooseneck length. Light output is white. Can be used anywhere a standard X-Series gooseneck works.                                                                                                      |

|               |                                                                                                                                                                                                                                                          |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L12X          | High intensity 12" gooseneck lamp with 3-pin XLR connector. Specially designed, heat-dispersing hood. Can be used anywhere a standard X-Series gooseneck works. 5W tungsten halogen bulb.                                                                |
| LTG18         | High intensity table top lamp with permanently attached 18 inch gooseneck. Specially designed, heat-dispersing hood. Includes 12-volt transformer and 6 ft cord. 5W tungsten halogen bulb.                                                               |
| LRM01         | 1U rack mount panel with a single high intensity 12" gooseneck lamp permanently attached. Gooseneck is recessed into the panel for transport and is controlled by a dimmer switch. Includes 12-volt transformer and 6 ft cord. 5W tungsten halogen bulb. |
| LQ5W or LK16W | Replacement Bulbs: 5 Watt, 12-volt 380mA tungsten-halogen bulb, or 16 Watt T4 fluorescent bulb, cool white 4100K.                                                                                                                                        |
| LRMB          | Rack mount bracket allows table top lamps to be attached to rack mount rails over existing panels.                                                                                                                                                       |
| LMB           | Magnetic base attaches to table top lamps for convenient placement on steel products.                                                                                                                                                                    |
| LWB           | Round weighted base attaches to table top lamps for stand alone use.                                                                                                                                                                                     |