![nVent HOFFMAN logo]

PROLINE-PC, TYPE 12

APPLICATION

PROLINE-PC Modular Enclosures are ideal for applications that require housing standard PCs and keyboards. A modular system, these enclosures provide multiple configuration possibilities—simply add components to the frame to create a single enclosure, or gang multiple enclosures for larger or more complex applications.

FEATURES

- The frame is enclosed with solid sides, a solid top and a 100-mm solid base.
- Three doors, two in front and one in back, provide convenient access
- The sealed keyboard compartment maintains enclosure integrity when the compartment door is opened
- The 19-in. diagonal top window door, hinged on the left, offers viewing access for a variety of monitor sizes and has a small flush swing handle with keylock for system security
- The vented frame shelf in the top compartment is constructed of 14 gauge steel and is painted with RAL 7035 textured light-gray polyester powder paint
- The PROLINE keyboard compartment includes a locking feature, an angled palm rest, a cable access port for wiring and integral mouse pad holders for both left-handed and right-handed people
- The accessory front opening accommodates a number of optional components, such as keyboard shelves and control compartments. See the attached drawing for dimensions and the Accessory Front Options section for available accessories.
- The bottom compartment includes a solid door hinged on the left that has a small flush swing handle with key lock. This compartment can be used to install computer equipment, panel-mounted equipment or rack mounted control systems.

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INDUSTRY STANDARDS

UL 508A Listed; Type 12; File Number E61997
cUL Listed per CSA C22.2 No 94; Type 12; File Number E61997

NEMA/EEMAC Type 12
CSA File Number 42186: Type 12
VDE IP55
IEC 60529, IP55

Standard Product

Catalog Number	AxBxC mm/in.	M mm/in.	N mm/in.	P mm/in.	R mm/in.	Top Door Opening, Height mm/in.	Top Door Opening, Width mm/in.	Bottom Door Opening, Height mm/in.	Bottom Door Opening, Width mm/in.
PPC1666	1600 x 600 x 600	343	366	586	1363	558	536	739	536
	62.99 x 23.62 x 23.62	13.50	14.41	23.07	53.66	21.97	21.10	29.09	21.10
PPC1668	1600 x 600 x 800	343	366	586	1363	558	536	739	536
	62.99 x 23.62 x 31.50	13.50	14.41	23.07	53.66	21.97	21.10	29.09	21.10
PPC1686	1600 x 800 x 600	343	566	586	1363	558	736	739	736
	62.99 x 31.50 x 23.62	13.50	22.28	23.07	53.66	21.97	28.98	29.09	28.98
PPC1866	1800 x 600 x 600	343	366	786	1463	758	536	739	536
	70.87 x 23.62 x 23.62	13.50	14.41	30.94	57.60	29.84	21.10	29.09	21.10
PPC1868	1800 x 600 x 800	343	366	786	1563	958	536	739	536
	70.87 x 23.62 x 31.50	13.50	14.41	30.94	61.54	37.72	21.10	29.09	21.10
PPC1886	1800 x 800 x 600	343	566	786	1563	958	536	739	536
	70.87 x 31.50 x 23.62	13.50	22.28	30.94	61.54	37.72	21.10	29.09	21.10
PPC2066	2000 x 600 x 600	343	366	986	1563	958	736	739	736
	78.74 x 23.62 x 23.62	13.50	14.41	38.82	61.54	37.72	28.98	29.09	28.98
PPC2068	2000 x 600 x 800	343	366	986	1563	958	736	739	736
	78.74 x 23.62 x 31.50	13.50	14.41	38.82	61.54	37.72	28.98	29.09	28.98
PPC2086	2000 x 800 x 600	343	566	986	1563	958	736.1	738.9	736.1
	78.74 x 31.50 x 23.62	13.50	22.28	38.82	61.54	37.72	28.98	29.09	28.98
PPC2088	2000 x 800 x 800	343	566	986	1563	958	736.1	738.9	736.1
	78.74 x 31.50 x 31.50	13.50	22.28	38.82	61.54	37.72	28.98	29.09	28.98

100-mm solid base is included in the A dimension.

Standard Configuration

- Frame
- Frame Shelf, top compartment
- Keyboard Compartment
- Window Door, top front
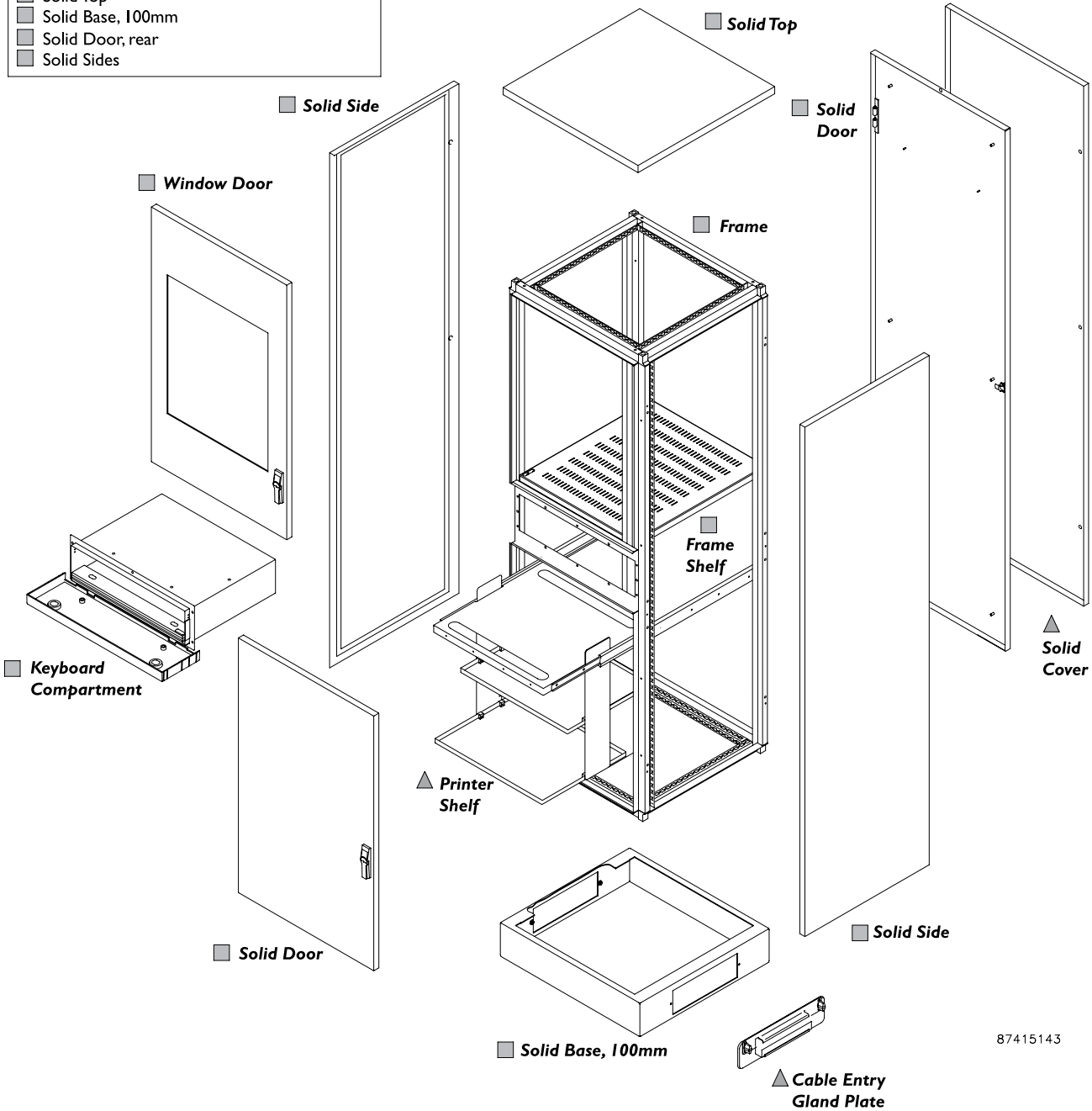- Solid Door, bottom front
- Solid Top
- Solid Base, 100mm
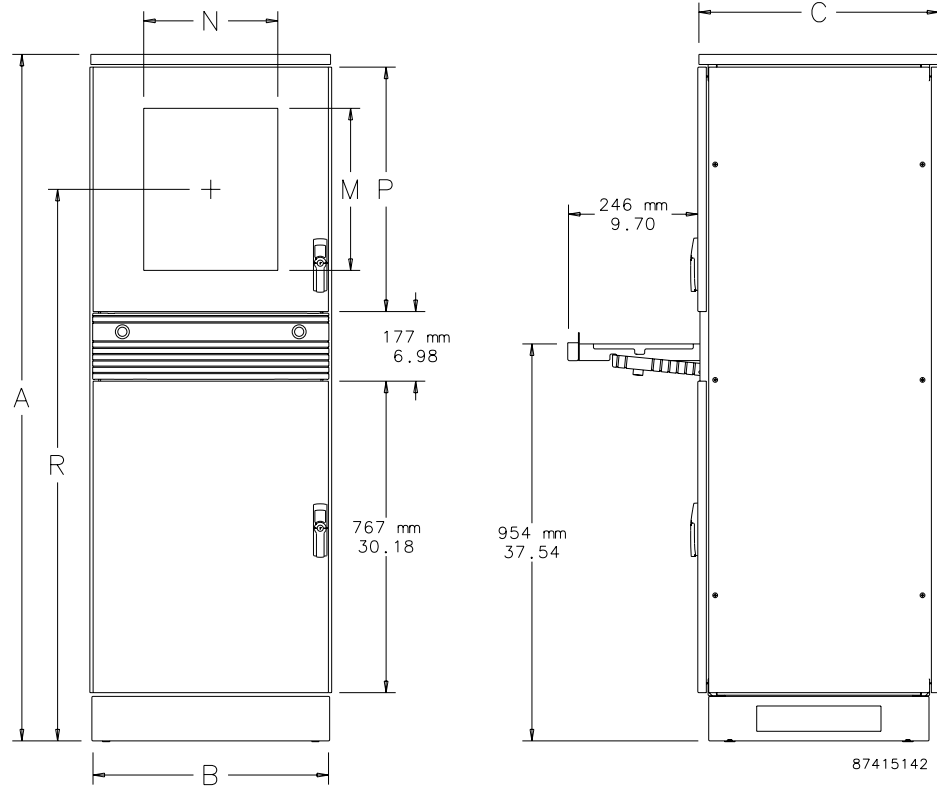- Solid Door, rear
- Solid Sides

Optional Components

Optional components may be ordered separately.

NOTE:
PFPC_____ frames have three front openings for top, center, and bottom modular components.
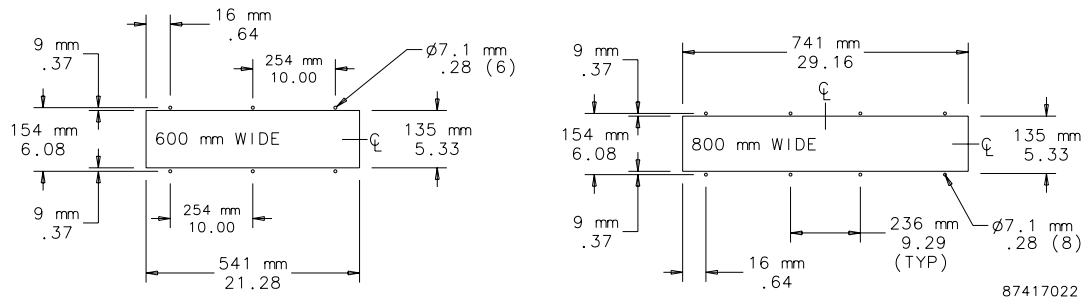
Solid Top

Solid Side

Window Door

Solid Door

Frame

Frame Shelf

Keyboard Compartment

Solid Cover

Printer Shelf

Solid Door

Solid Side

Solid Base, 100mm

Cable Entry Gland Plate

87415143

PROLINE-PC Modular Enclosure

246 mm
9.70

177 mm
6.98

767 mm
30.18

954 mm
37.54

87415142

Accessory Front Opening Mounting Cutout

16 mm
.64

9 mm
.37

254 mm
10.00

Ø7.1 mm
.28 (6)

154 mm
6.08

600 mm WIDE

135 mm
5.33

9 mm
.37

254 mm
10.00

541 mm
21.28

9 mm
.37

741 mm
29.16

9 mm
.37

154 mm
6.08

800 mm WIDE

135 mm
5.33

236 mm
9.29
(TYP)

Ø7.1 mm
.28 (8)

16 mm
.64

87417022

PROLINE-PC KEYBOARD SHELF

Catalog Number	Clear Space D (mm)	Clear Space D (in.)
PKBS6	563	22.17
PKBS8	763	30.04

The stylized Keyboard Shelf is reversible, allowing two options for mounting keyboards. A standard keyboard can be placed in the recessed side. The recess is 5-degrees from horizontal and contains a knockout to allow the keyboard cord into the shelf interior. The flush side of the shelf provides a 12-degree mounting surface for membrane-type keyboards. Hole and grommet in rear surface of shelf provide keyboard cable access into the enclosure. Shelf has aluminum die-cast ends and an aluminum extrusion across the front edge to add styling detail and function as a palm rest for ergonomic keyboard orientation. Rear mounting surface is gasketed to maintain the UL and CSA integrity of the enclosure. Shelf is 14-gauge steel and finished with RAL 7035 textured, light-gray, polyester powder paint. Aluminum trim and die-cast sides are finished with RAL 9005 textured, black, polyester powder paint.

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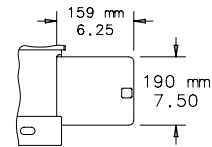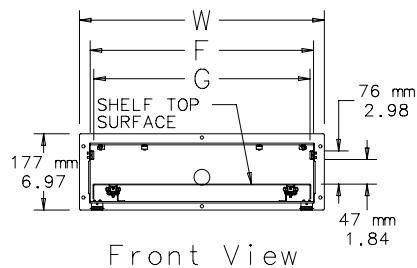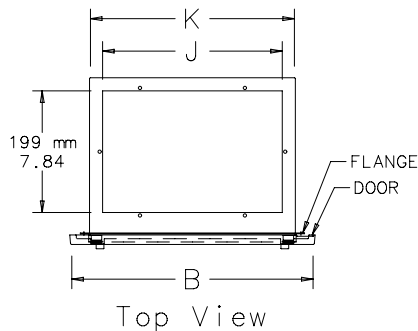
PROLINE-PC KEYBOARD COMPARTMENT

The Keyboard Compartment is a self-contained, sealed module that mounts to an accessory front opening. The lockable die-cast aluminum door is hinged along bottom edge and has pushbutton latches. PC keyboard rests on a ball-bearing glide shelf with a soft palm-rest. For PKBC6R, tray for mouse slides out from under the shelf. Seamless foam-in-place gasket on door assures a dust-tight seal. Door locks in position under extended shelf to secure shelf in open position. Hole and grommet in rear of compartment provide keyboard cable access into enclosure.

Compartment is finished with RAL 7035 textured, light-gray, polyester powder paint. Door is finished with RAL 9005 textured, black, polyester powder paint.
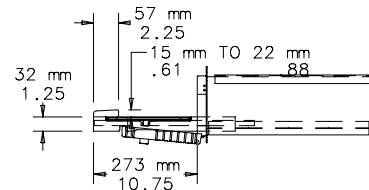
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Catalog Number	F mm/in.	G mm/in.	J mm/in.	K mm/in.	M mm/in.	W mm/in.
PKBC6R	519	478	439	520	525	575
	20.43	18.83	17.29	20.49	20.68	22.62
PKBC8R	722	678	639	720	725	774
	28.42	26.70	25.16	28.36	28.55	30.49

Detail Mouse Tray

Top View

Side View Compartment Closed
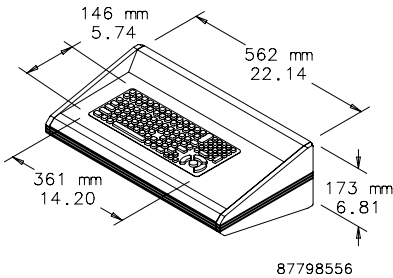

Front View

Side View Compartment Open

87417019

PROLINE-PC INTEGRATED KEYBOARD/MOUSE SHELVES

An elastomer keyboard/mouse combination is integrated into the keyboard shelf. The keyboard has 101 keys and the cables supplied are compatible with USB connections. The keyboard shelf is made of 14-gauge steel with RAL 7035 textured, light-gray, polyester powder paint. Rear surface is gasketed to maintain both UL and CSA integrity of the enclosure.

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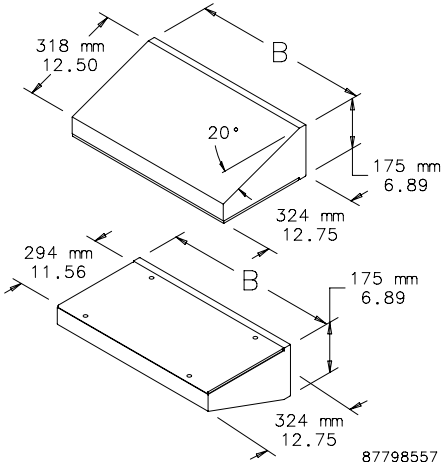| Catalog Number	Material	Description
PEKBMC6	Steel	Keyboard shelf with integrated keyboard and mouse

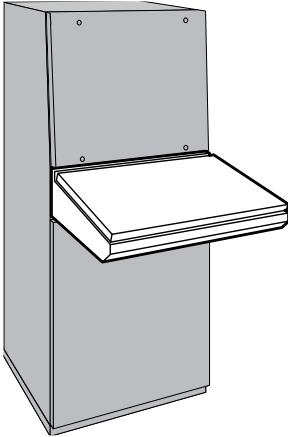## PROLINE-PC 20-DEGREE CONTROL COMPARTMENT

Reversible design provides 20-degree angled surface for mounting operator controls. Smaller angle maximizes mounting space available. The keyboard shelf is made of 14-gauge steel with RAL 7035 textured, light-gray, polyester powder paint. Screw cover on the flat side allows easy access inside compartment. Screw cover has foam-in-place gasketing. Compartment is gasketed around the open rear surface to extend the UL and CSA rating to the control compartment interior. Ground stud and mounting hardware included.

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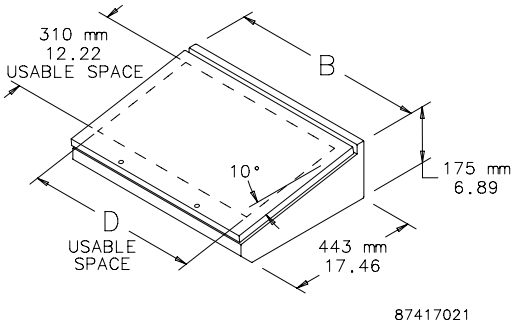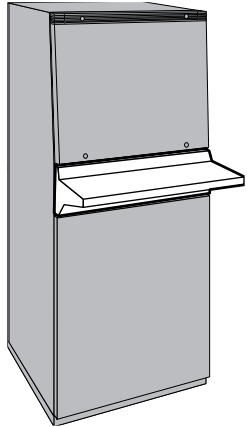| Catalog Number	Fits Frame Width
PC20A6	600 mm
PC20A8	800 mm

PROLINE-PC CONSOLET COMPARTMENT

Provides sealed compartment for keyboard storage or protection for controls. Hinged door allows easy access to compartment. Door support holds door open at 90 degrees. Two quarter-turn integral latches are incorporated into the front edge of steel compartment doors. Foam-in-place gasket on door and gasket around open rear surface extend the UL and CSA rating to the consolet compartment interior. Compartment is Type 304 stainless steel or 14-gauge steel finished with RAL 7035 textured, light-gray, polyester powder paint. Ground studs and mounting hardware included.
The Flush Keylock (PSTLO) is available as an accessory.

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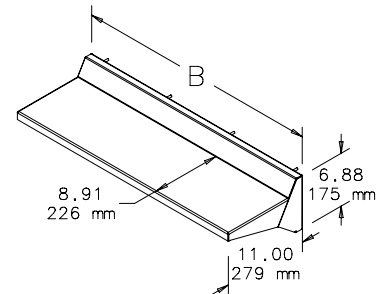| Catalog Number	Material	Clear Space D mm/in.	Fits Frame Width
PCC6	Steel	525 20.66	600 mm
PCC8	Steel	725 28.54	800 mm

PROLINE-PC WRITING DESK

Provides a horizontal writing surface. Constructed of 14-gauge steel with RAL 7035 textured, light-gray, polyester powder paint finish. Rear surface is closed and gasketed to maintain both the UL and CSA integrity of the enclosure.

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Catalog Number	Description	B mm/in.
PWD6	Writing Desk	592
		23.30
PWD8	Writing Desk	792
		31.17

C2699–C

Notes