

PROLINE® Network Sealed Environmental Packages

PROLINE® Voice/Data and Server Cabinets with Fan and Filter Package, Type 1



Industry Standards

EIA RS-310-D

UL508A Listed; Type 1; File No. E61997
cUL Listed per CSA C22.2 No 94; Type 1; File No. E61997

Application

PROLINE® Voice/Data Server Cabinets are ideal for factory floors, warehouses and other remote locations that require filtration of ambient air to protect network equipment.

THERMAL PERFORMANCE

The thermal performance table is based on:

- Clean intake filters
- Pagoda top fan running at 600 CFM (17 cubic meters/minute)
- Equipment spaced to allow airflow (reduces “hot spot” potential)

Actual performance may vary depending on equipment layout.

Features

- Three-point locking handles on all doors provide easy but controlled access; two keys included
- Fully welded frame safely supports sensitive equipment
- Gasketed covers and air intake filters keep contaminants away from equipment, reducing maintenance cost

- Two sets of 19-in. rack angles support both front and rear of equipment
- Rack angles are infinitely adjustable from front to rear for positioning flexibility
- Fan and filter package provides up to 600 CFM of filtered air to help keep equipment cool
- Removable filters can be cleaned to maintain optimal performance
- Mobile base provides easy placement of cabinet
- Levelers and anti-tip bracket secure cabinet to the floor

Specifications

- Welded 12 gauge steel frame with integral struts
- Front window door made of 16 or 14 gauge steel with safety glass window
- Solid 16 or 14 gauge steel back door
- Solid 16 or 14 gauge steel sides with factory-installed intake filters
- Pagoda top has 115 V fan with 6 ft. (1.8 m) cord. Fan capacity is 600 CFM (16.99 cubic meters/minute).
- Models available with EIA Universal standard 3/8-in. square or 10-32 tapped holes
- Mobile base includes casters, levelers and gland plate
- Gland plate allows easy routing of cable

Finish

Pretreated steel coated with RAL 9005 black or RAL 7035 light gray textured, low-gloss polyester powder paint. Other finishes available—contact Hoffman Customer Service.

Load Rating

Static Load Rating: 2500 lb. (1134 kg)

A cabinet has a static load when:

- it is in its final, permanent, fully secured location
- its levelers are fully extended
- the anti-tip bracket is installed
- its load is uniformly applied to the two sets of rack-mounting angles, and
- the casters are not supporting any load (use the casters only to move the cabinet to its final location before loading)

Never move a cabinet with its maximum static load applied.

Contact Hoffman if further information is needed.

Casters Maximum Load: 1000 lb. (453 kg)

Exercise care when using casters to move the cabinet. Do not use casters to move a cabinet with more than 1000 lb. (453 kg) load. Avoid tipping and damage to the cabinet and its contents by slowly moving the cabinet on its casters across smooth, flat flooring. Avoid obstructions such as:

- large cracks
- floor displacement
- seams
- gravel

Never use casters while transporting a cabinet by truck on roadways.

Contact Hoffman if further information is needed.

Bulletin: DPC, DPSR

Standard Product

Catalog Number	AxBxCmm	AxBxCin.	Cabinet Type	Finish	Rack Units	Rack Angle	Hole Type
PDCP2078BFP	2203 x 708 x 799	86.74 x 27.87 x 31.46	Voice/Data	Black	42	PRA1920TPL1	Tapped
PDCP2078GFP	2203 x 708 x 799	86.74 x 27.87 x 31.46	Voice/Data	Light Gray	42	PRA1920TPL1	Tapped
PSC20610BFP	2203 x 608 x 999	86.74 x 23.94 x 39.34	Server	Black	42	PRA1920THL1	Square
PSC20610GFP	2203 x 608 x 999	86.74 x 23.94 x 39.34	Server	Light Gray	42	PRA1920THL1	Square

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Package Components

Catalog Number	AxBxC mm	AxBxC in.	Description	Finish
PFD2078B	2000 x 700 x 800	78.70 x 27.60 x 31.50	Frame	Black
PFD2078G	2000 x 700 x 800	78.70 x 27.60 x 31.50	Frame	Gray
PFD20610B	2000 x 600 x 1000	78.70 x 23.60 x 39.40	Frame	Black
PFD20610G	2000 x 600 x 1000	78.70 x 23.60 x 39.40	Frame	Gray
PDWG206B	2000 x 600	78.70 x 23.60	Window Door	Black
PDWG206G	2000 x 600	78.70 x 23.60	Window Door	Gray
PDWG207B	2000 x 700	78.70 x 27.60	Window Door	Black
PDWG207G	2000 x 700	78.70 x 27.60	Window Door	Gray
PDS206B	2000 x 600	78.70 x 23.60	Solid Door	Black
PDS206G	2000 x 600	78.70 x 23.60	Solid Door	Gray
PDS207B	2000 x 700	78.70 x 27.60	Solid Door	Black
PDS207G	2000 x 700	78.70 x 27.60	Solid Door	Gray
PSS208FPB	2000 x 800	78.70 x 31.50	Sides	Black
PSS208FPG	2000 x 800	78.70 x 31.50	Sides	Gray
PSS2010FPB	2000 x 1000	78.70 x 39.37	Sides	Black
PSS2010FPG	2000 x 1000	78.70 x 39.37	Sides	Gray
PPTH78B	700 x 800	27.60 x 31.50	Top	Black
PPTH78G	700 x 800	27.60 x 31.50	Top	Gray
PPTH610B	600 x 1000	23.60 x 39.37	Top	Black
PPTH610G	600 x 1000	23.60 x 39.37	Top	Gray
PBMG78B	700 x 800	27.60 x 31.50	Mobile Base	Black
PBMG610B	600 x 1000	23.60 x 39.37	Mobile Base	Black

Cooling Capacity vs. Intake Temperature

Intake Air Temperature (°F)	Intake Air Temperature (°C)	Cooling Capacity (W)
70	21	3,500
76	24	3,000
80	27	2,000
85	29	1,500
Above 85	Above 29	Not recommended

