PROLINE FLOTEK HCA (HOT/COLD AISLE) SERVER CABINET

Rear View

- Fully perforated front door offers maximum airflow from cold aisle and conforms to server manufacturer open space requirements
- Six 6-in. fans with integral finger guards in the rear doors pull cold-aisle air through cabinet and exhaust it to hot aisle
- Fans provide up to 1440 CFM airflow
- Fans on each door can be independently powered to provide redundant cooling
- Solid top helps direct airflow across equipment
- Models without sides fit together quickly for easy installation in ganged applications
- Three-point locking pushbutton swing handle on front door provides easy but controlled access; two keys included
- Rear doors are split for easy access and include 3-point, low-profile, locking swing handle
- Two sets of 19-in. square-hole rack angles support both front and rear of equipment
- Rack angles are infinitely adjustable from front to rear for positioning flexibility
- Large gland plate in top allows easy routing of cable, pre-terminated cables and patch panels
- Mounting hardware (20 each of 10-32 screws and cage nuts) is included

INDUSTRY STANDARDS

UL Listed to UL 508A File Number E61997
cUL Listed to CSA C22.2 No. 14-18

EIA 310-D (RU – Rack Unit spacing, marking, and positioning)
IEC 60529, IP20
Perforated doors meet or exceed manufactures open space/air flow ventilation requirements

APPLICATION

Two independently-powered, redundant fan banks in the rear of the PROLINE FLOTEK HCA Server Cabinet maximize cooling power for high-density applications that generate high amounts of heat.

FEATURES

- Rigid front door made of aluminum extrusions and formed perforated steel offers highly attractive appearance and durability

SPECIFICATIONS

- 16 or 14 gauge steel doors, sides and cover
- Welded 12 gauge steel frame
- Rack angles have square holes with EIA 310-D spacing
- Open bottom with integral bolt-down brackets

FINISH

Pretreated steel coated with RAL 9005 black 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:

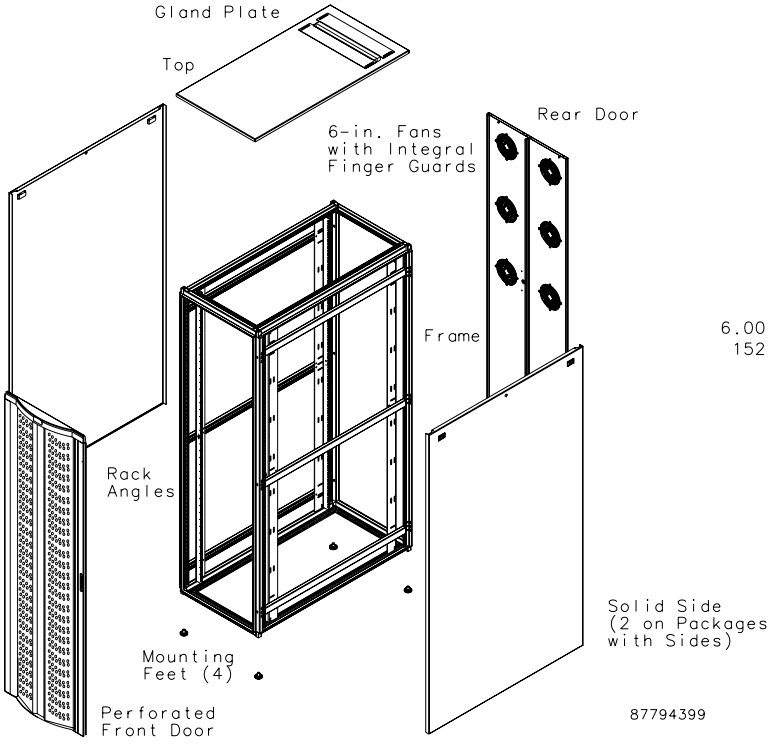
- it is in its final, permanent, fully secured location, and
- its load is uniformly applied to the two sets of rack-mounting angles

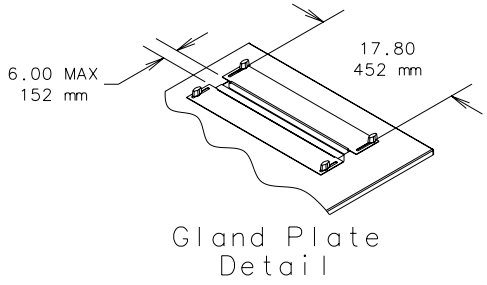
Never move a cabinet with its maximum static load applied.
Contact Hoffman if further information is needed.

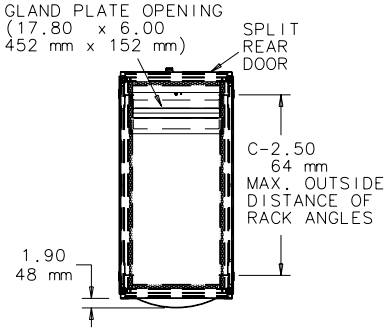
BULLETIN: DPSR

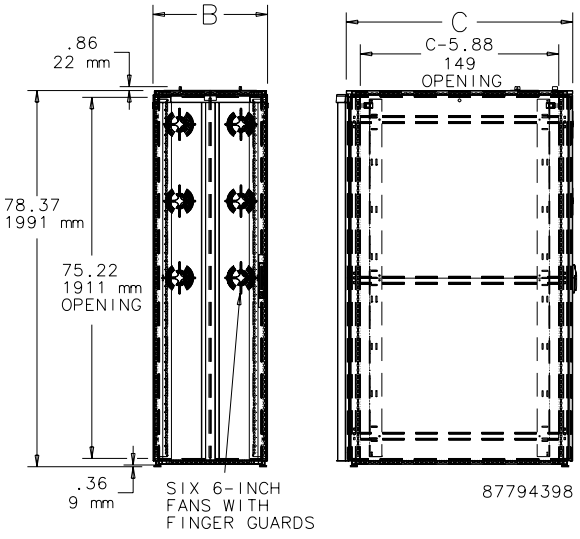
Standard Product

Catalog Number	AxBxC mm/in.	Sides	Rack Units	Rack Angle
PSCHCA2069B	1991 x 608 x 899 78.37 x 23.94 x 35.40	With sides	42	PRA1920THL1
PSCHCA2069BNS	1991 x 599 x 899 78.37 x 23.58 x 35.40	Without sides	42	PRA1920THL1
PSCHCA20610B	1991 x 608 x 999 78.37 x 23.94 x 39.34	With sides	42	PRA1920THL1
PSCHCA20610BNS	1991 x 599 x 999 78.37 x 23.58 x 39.34	Without sides	42	PRA1920THL1
PSCHCA20611B	1991 x 608 x 1099 78.37 x 23.94 x 43.28	With sides	42	PRA1920THL1
PSCHCA20611BNS	1991 x 599 x 1099 78.37 x 23.58 x 43.28	Without sides	42	PRA1920THL1
PSCHCA20612B	1991 x 608 x 1199 78.37 x 23.94 x 47.22	With sides	42	PRA1920THL1
PSCHCA20612BNS	1991 x 599 x 1199 78.37 x 23.58 x 47.22	Without sides	42	PRA1920THL1


Gland Plate
Top
6-in. Fans
with Integral
Finger Guards
Rear Door
Frame
Rack
Angles
Mounting
Feet (4)
Perforated
Front Door
Solid Side
(2 on Packages
with Sides)
87794399


6.00 MAX
152 mm
17.80
452 mm
Gland Plate
Detail


GLAND PLATE OPENING
(17.80 x 6.00
452 mm x 152 mm)
SPLIT
REAR
DOOR
C-2.50
64 mm
MAX. OUTSIDE
DISTANCE OF
RACK ANGLES
1.90
48 mm


B
C
.86
22 mm
C-5.88
149
OPENING
78.37
1991 mm
75.22
1911 mm
OPENING
.36
9 mm
SIX 6-INCH
FANS WITH
FINGER GUARDS
87794398