PROTEK® Wall-Mount and Double-Hinge Cabinets

PROTEK® DH Double-Hinge, UL and NEMA Type 4 or 12

Self-Closing Latch   Type 4 Enclosures

Industry Standards

UL 508A Listed; Type 4 or 12; File Number E619967
cUL Listed per CSA C22.2 No. 94; Type 4 or 12; File Number E61997

NEMA/EEMAC: Type 4 or 12
IEC 60529, IP66 or IP55

Application

PROTEK® DH Cabinets protect equipment in wet or dirty environments and can be pole- or wall-mounted. Available with reversible left or right hinging, the cabinet swings open to provide easy equipment service and installation access.

Features

• Type 12 cabinets available with solid or window doors and have a locking wing knob with two keys. They provide security and convenience in indoor applications.
• Type 4 cabinets have solid doors and a padlock-capable quarter-turn latch. They provide easy operation and locking options in indoor and outdoor applications.
• Solid door provides complete physical and visual protection
• Window door, made with scratch resistant safety glass, allows equipment monitoring without opening the door to minimize contamination
• Double-hinged for easy equipment access
• Front access to center body hinging and back section latches
• Exclusive toolless self-fastening latch is easy to open, yet automatically closes securely
• Latch on front of door eliminates need to access sides to open door or back section latches
• Latch-free sides permit side of cabinet to be installed tightly into a corner
• Fully welded and ground body and door construction for long-term good appearance and durability
• Foam-in-place seamless gasket around door seals against outdoor air infiltration; is non-absorbing and chemical resistant
• One set of adjustable tapped rack angles included
• Optional square hole rack angles available for equipment mounting flexibility
• Rack angles are plated and self-grounding for durability and safety
• Collar studs provided on back of cabinet for mounting accessory panels

• Accessory panels for mounting additional accessories at the back of the cabinet include tie-down points and pre-drilled holes
• Plenum rated for use in air exchange areas
• Available modifications include paint colors, holes and cutouts, and custom sizes

Specifications

• Doors and body made of 14 gauge steel
• Convenient studs provided on center section for bonding and grounding
• Type 4 models have two secondary exterior latches
• Rack angles tapped 10-32 per EIA standards; made of 12 gauge self-grounding plated steel
• Window is clear, .25 in. thick, scratch and impact resistant safety glass
• Optional polycarbonate window (not plenum rated) can be field- or factory-installed. Contact Hoffman Customer Service for factory installation.
• Twenty 10-32 screws included

Finish

Pretreated steel coated with RAL 7035 light gray textured, low gloss polyester powder paint. Other finishes available – contact Hoffman Customer Service.

Load Rating

HEIGHT	RATING
16.00 (in.)	100 lb. (45.4 kg)
20.00 (in.)	100 lb. (45.4 kg)
24.00 (in.)	100 lb. (45.4 kg)
36.00 (in.)	125 lb. (56.7 kg)
48.00 (in.)	175 lb. (79.4 kg)

Options

See the appropriate option for more information. Options include:

PROTEK® DH Type 1, 4 or 12 Double-Hinged Wall-Mount Cabinet Accessory Panels
PROTEK® Polycarbonate Window Inserts
PROTEK® Rack Angles
Bulletin: DWS12

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Standard Product

Catalog Number	AxBxC in.	AxBxC mm	Rack Units	Door Style	UL/NEMA Type	IP Rating	Accessory Panel	Standard Panel	Additional Optional Rack Angles (Tapped Holes)	Additional Optional Rack Angles (Square Holes)
PTDHS162415G4	16.00 x 24.00 x 15.00	406 x 610 x 381	8	Solid	4	IP66	PTPDH1624A	A24P16	PTRA1916TPL	PTRA1916THL
PTDHS162415G	16.00 x 24.00 x 15.00	406 x 610 x 381	8	Solid	12	IP55	PTPDH1624A	A24P16	PTRA1916TPL	PTRA1916THL
PTDHW162415G	16.00 x 24.00 x 15.00	406 x 610 x 381	8	Window	12	IP55	PTPDH1624A	A24P16	PTRA1916TPL	PTRA1916THL
PTDHS202415G4	20.00 x 24.00 x 15.00	508 x 610 x 381	10	Solid	4	IP66	PTPDH2024A	A24P20	PTRA1920TPL	PTRA1924THL
PTDHS202415G	20.00 x 24.00 x 15.00	508 x 610 x 381	10	Solid	12	IP55	PTPDH2024A	A24P20	PTRA1920TPL	PTRA1924THL
PTDHW202415G	20.00 x 24.00 x 15.00	508 x 610 x 381	10	Window	12	IP55	PTPDH2024A	A24P20	PTRA1920TPL	PTRA1924THL
PTDHS242415G4	24.00 x 24.00 x 15.00	610 x 610 x 381	12	Solid	4	IP66	PTPDH2424A	A24P24	PTRA1924TPL	PTRA1924THL
PTDHS242415G	24.00 x 24.00 x 15.00	610 x 610 x 381	12	Solid	12	IP55	PTPDH2424A	A24P24	PTRA1924TPL	PTRA1924THL
PTDHW242415G	24.00 x 24.00 x 15.00	610 x 610 x 381	12	Window	12	IP55	PTPDH2424A	A24P24	PTRA1924TPL	PTRA1924THL
PTDHS362415G4	36.50 x 24.00 x 15.00	927 x 610 x 381	19	Solid	4	IP66	PTPDH3624A	A36P24	PTRA1936TPL	PTRA1936THL
PTDHS362415G	36.50 x 24.00 x 15.00	927 x 610 x 381	19	Solid	12	IP55	PTPDH3624A	A36P24	PTRA1936TPL	PTRA1936THL
PTDHW362415G	36.50 x 24.00 x 15.00	927 x 610 x 381	19	Window	12	IP55	PTPDH3624A	A36P24	PTRA1936TPL	PTRA1936THL
PTDHS482415G4	48.50 x 24.00 x 15.00	1232 x 610 x 381	26	Solid	4	IP66	PTPDH4824A	A48P24	PTRA1948TPL	PTRA1948THL
PTDHS482415G	48.50 x 24.00 x 15.00	1232 x 610 x 381	26	Solid	12	IP55	PTPDH4824A	A48P24	PTRA1948TPL	PTRA1948THL
PTDHW482415G	48.50 x 24.00 x 15.00	1232 x 610 x 381	26	Window	12	IP55	PTPDH4824A	A48P24	PTRA1948TPL	PTRA1948THL
PTDHS242424G4	24.00 x 24.00 x 24.00	610 x 610 x 610	12	Solid	4	IP66	PTPDH2424A	A24P24	PTRA1924TPL	PTRA1924THL
PTDHS242424G	24.00 x 24.00 x 24.00	610 x 610 x 610	12	Solid	12	IP55	PTPDH2424A	A24P24	PTRA1924TPL	PTRA1924THL
PTDHW242424G	24.00 x 24.00 x 24.00	610 x 610 x 610	12	Window	12	IP55	PTPDH2424A	A24P24	PTRA1924TPL	PTRA1924THL
PTDHS362424G4	36.50 x 24.00 x 24.00	927 x 610 x 610	19	Solid	4	IP66	PTPDH3624A	A36P24	PTRA1936TPL	PTRA1936THL
PTDHS362424G	36.50 x 24.00 x 24.00	927 x 610 x 610	19	Solid	12	IP55	PTPDH3624A	A36P24	PTRA1936TPL	PTRA1936THL
PTDHW362424G	36.50 x 24.00 x 24.00	927 x 610 x 610	19	Window	12	IP55	PTPDH3624A	A36P24	PTRA1936TPL	PTRA1936THL
PTDHS482424G4	48.50 x 24.00 x 24.00	1232 x 610 x 610	26	Solid	4	IP66	PTPDH4824A	A48P24	PTRA1948TPL	PTRA1948THL
PTDHS482424G	48.50 x 24.00 x 24.00	1232 x 610 x 610	26	Solid	12	IP55	PTPDH4824A	A48P24	PTRA1948TPL	PTRA1948THL
PTDHW482424G	48.50 x 24.00 x 24.00	1232 x 610 x 610	26	Window	12	IP55	PTPDH4824A	A48P24	PTRA1948TPL	PTRA1948THL

MAX EQUIPMENT DEPTH
FOR 15 IN./380 mm DEEP
12.24
311 mm
FOR 24 IN./610 mm DEEP
21.24
539 mm

RACK ANGLES

2.26 MIN
57 mm

TYPE 12 LOCKING
WINGKNOB SHOWN

ø.50 (4X)
.13 mm
(MOUNTING HOLES)

24.06
611 mm

22.42
569 mm
MOUNTING HOLES

15.37
390 mm

2.88
73 mm

1.11
28 mm

C

5.45
138 mm

COLLAR STUD
FOR ACCESSORY
AND STANDARD
PANELS

.58
15 mm

.91
23 mm
(INSIDE)

A

A-5.75
146 mm

A-1.50
38 mm
MOUNTING HOLES

17.81
452 mm

18.31
465 mm

2.88
73 mm

DOOR
BONDING
PROVISION
(2X)

WINDOW
DOOR
SHOWN

87799990

BODY GROUNDING
STUD (3X)