

USER MANUAL

WMD12-2125-PQE, WMD19-2125-PQE, WMD25-2125-PQE

DOUBLE-HINGED CABINET, PLEXIGLASS WINDOW DOOR, M6 RAILS

24/7 TECHNICAL SUPPORT AT 1.877.877.2269 OR VISIT BLACKBOX.COM



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This manual is provided to prevent service personnel from committing an act that results in the risk of fire, electric shock, or personal injury. Only trained service personnel should receive, unpack, and assemble a Black Box wall mount cabinet. In addition, only trained service personnel should install equipment in wall mount cabinets..

This manual provides general safety guidelines to be observed during installation, operation, and maintenance of the Black Box wall mount cabinet.

WARNING:

Failure to follow directions in the warning could result in personal injury or loss of life.

CAUTION:

Failure to follow directions in the caution could result in damage to equipment or storage data.

SAFETY CONSIDERATIONS

WARNING:

Improper handling and use of the Black Box wall mount cabinet could result in equipment damage, serious injury, or possible death.

Only trained service personnel should be used to remove the wall mount cabinet from its packaging. Also, verify that you have a sufficient number of service personnel. Do not attempt to move a wall mount cabinet by yourself.

Be sure to read and follow all individual manufacturer equipment manuals for safety and installation instructions.

Proper spacing is required when installing electrical equipment to avoid electrical shock. Maintain minimum spacing between the accessories; components, and the wall mount cabinet for safe equipment operation when installed in accordance with the current National Electrical Code ANSI/NFPA.

The ambient temperature operating range for the Black Box wall mount cabinet and accessories is 50 to 95° F (10 to 35° C).

The non-operating temperature is -4 to +140° F (-20 to +60° C).

PRODUCT PHOTOS



WMD12-2125-PQE
FRONT VIEW



WMD12-2125-PQE
BACK VIEW



WMD12-2125-PQE
SIDE VIEW



WMD19-2125-PQE
FRONT VIEW



WMD25-2125-PQE
FRONT VIEW

INSTALLATION PREPARATION

RECEIVING AND UNPACKING

- ♦ Inspect and report any damage before receiving. Unpack the wall mount cabinet by carefully removing the corrugated carton and corners.
- ♦ Avoid damaging the wall mount cabinet when removing packaging.

WARNING:

Only trained service personnel should be used to unpack and move the wall mount cabinet. Also, verify that you have a sufficient number of service personnel. Do not attempt to move a wall mount cabinet by yourself.

MOUNTING INSTRUCTIONS

Once the location on the wall has been determined, inspect the wall surface. The wall must be flat and square in the horizontal and vertical plane to ensure that the wall mount closes correctly. If the wall is not flat and square, the use of shims may be required.

NOTE:

Installer is responsible for determining the appropriate hardware necessary based upon the installation surface.

WARNING:

Only install equipment after the wall mount cabinet has been properly secured. Do not move the wall mount assembly while loaded.

To maintain a uniform distribution of the mechanical load in the wall mount cabinet, load the heaviest equipment first at the bottom of the wall mount cabinet. Then load the lighter units at the top. Rated or maximum load capacities for the wall mount cabinets appear in the specification section on the next page.



SPECIFICATIONS

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SPECIFICATIONS

Part Number	Height (inches)	Width (inches)	Depth (inches)	RMU	Weight. Capacity. (lb.)
WMD12-2125-PQE	24	21.3	24.5	12	150
WMD19-2125-PQE	36	21.3	24.5	19	250
WMD25-2125-PQE	48	21.3	24.5	25	350

PACKAGE CONTENTS

- ♦ (1) Wall mount cabinet
- ♦ (2) Pair of SILVER keys - key number "333"
- ♦ (1) Bag of mounting hardware (50) M6 cage nuts and screws
- ♦ (4) Black Bars and (8) screws 10-32 for the bars



POWER AND GROUNDING

POWER AND GROUNDING

WARNING:

To avoid injury to persons or loss of life, ground each cabinet individually to the dedicated branch circuit ground.

Connecting Main Protective Grounding Stud to the Dedicated Branch Circuit Ground

Connect the dedicated branch circuit ground connector to the main protective grounding stud located inside the cabinet on the back of the rear section and inside the cabinet on the side using a listed ring or closed-loop terminal.

Connecting Main Protective Grounding Stud to the Protective Bonding Conductors

Connect the middle wall mount frame on the cabinet to the main protective grounding stud located inside the cabinet on the back of the rear section using a listed ring or closed-loop terminal.

Parts Not Bonded to Protective Earthing Terminal

The rails are not effectively bonded to the protective earthing terminal. If these parts need to be bonded to the protective earthing terminal, do so in accordance with Article 250 of the National Electrical Code.

INSTALLATION

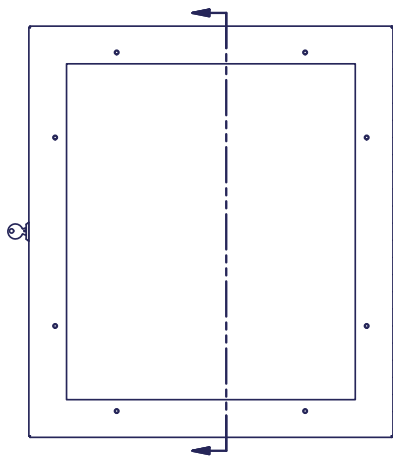
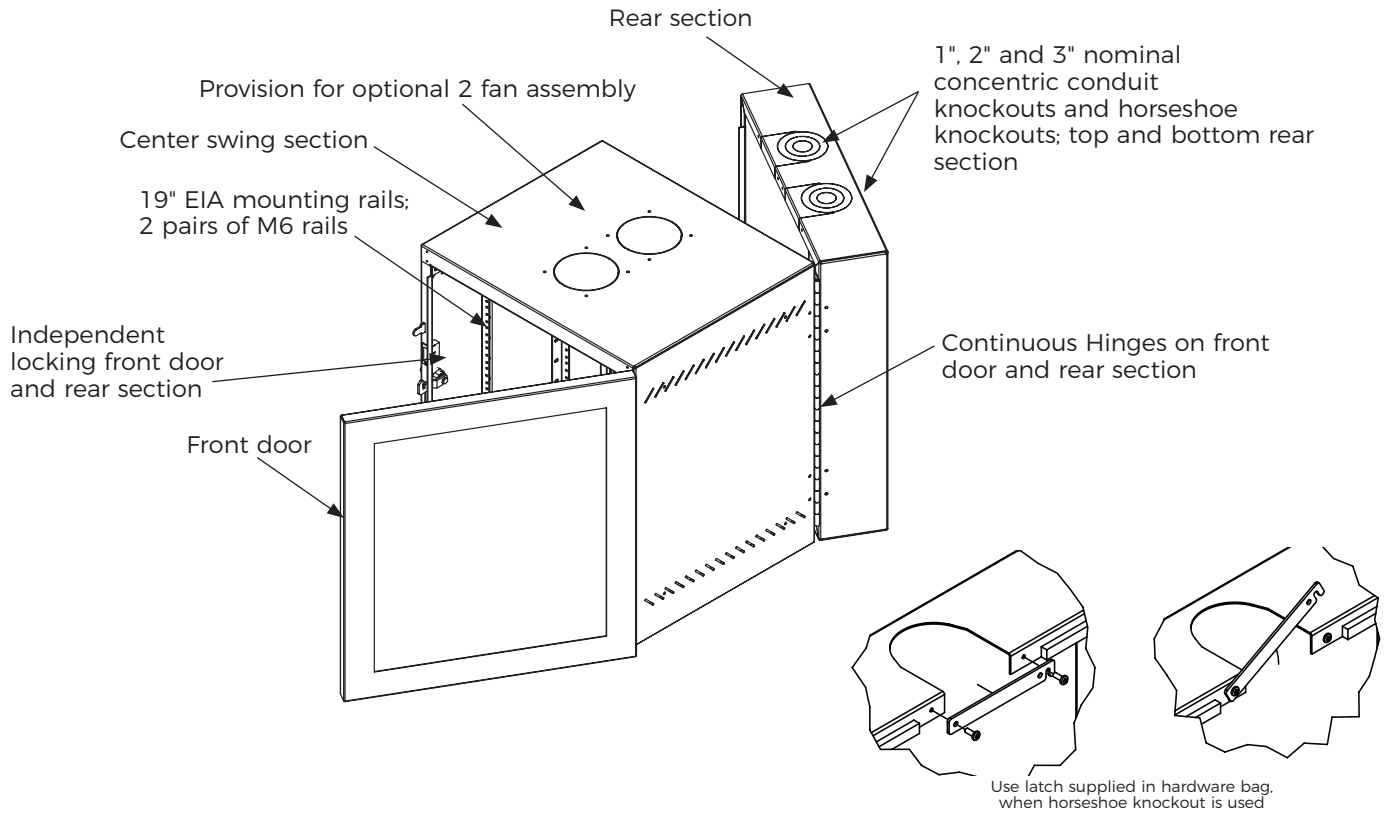
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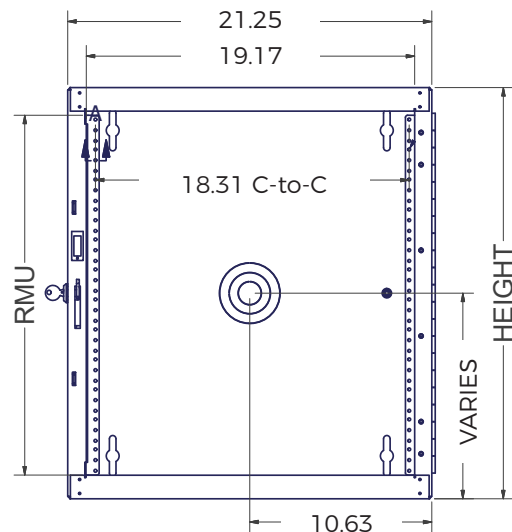
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INSTALLATION PROCEDURE

1. Mounting holes are designed for 3/8" hardware, 16" on center.
2. Use the template on the shipping box to locate your mounting holes.
3. To adjust mounting rails, use 7/16" socket or wrench to loosen 1/4"-20 carriage bolts and nuts (multiple locations on the rail, dependent upon height); slide rail to desired location and tighten hardware.

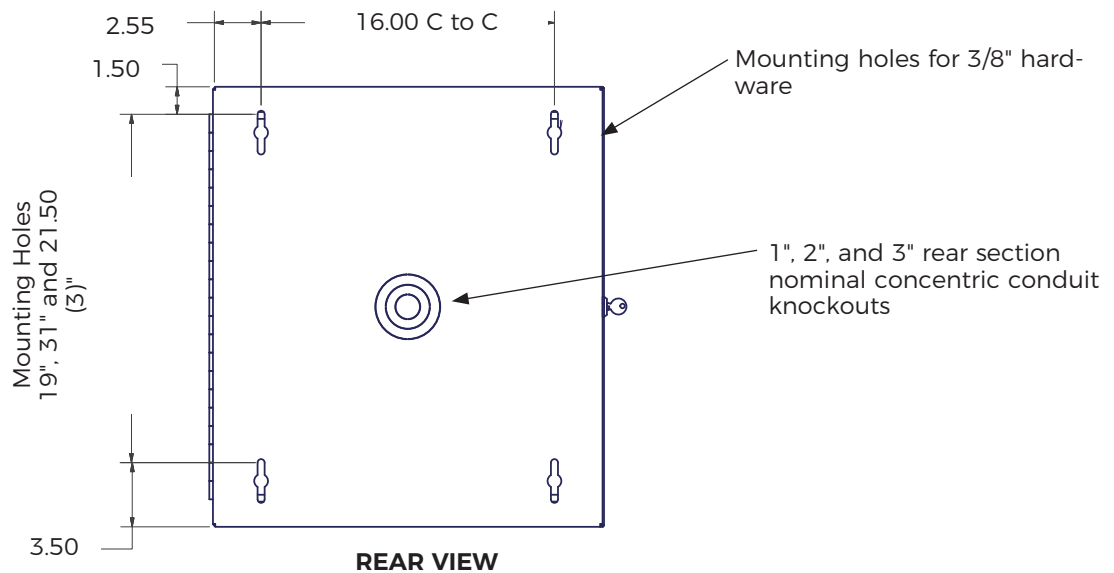
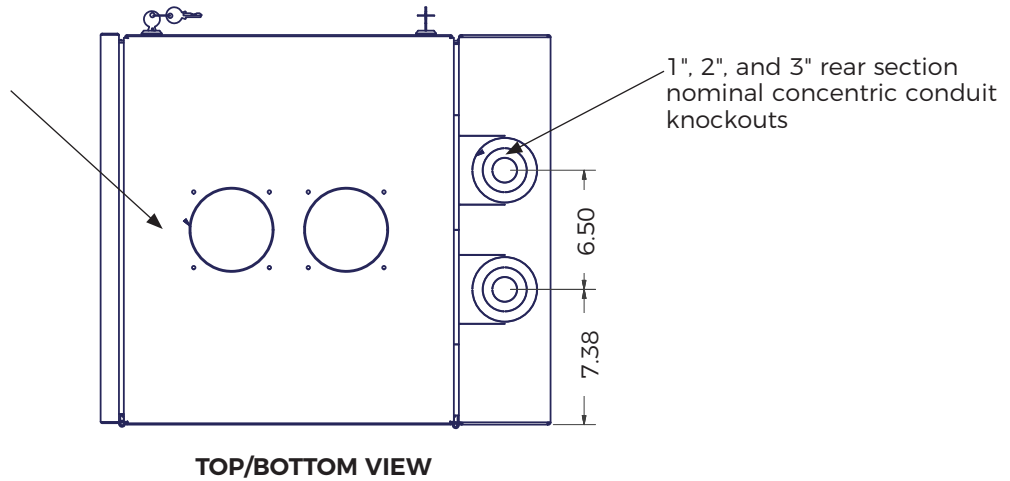


FRONT VIEW WITH DOOR



FRONT VIEW WITHOUT DOOR

2 fan unit mounting shown



APPENDIX A: REGULATORY INFORMATION

A.1 ROHS

This product is RoHS compliant.

APPENDIX A: REGULATORY INFORMATION

A.2 NOM STATEMENT

1. Todas las instrucciones de seguridad y operación deberán ser leídas antes de que el aparato eléctrico sea operado.
2. Las instrucciones de seguridad y operación deberán ser guardadas para referencia futura.
3. Todas las advertencias en el aparato eléctrico y en sus instrucciones de operación deben ser respetadas.
4. Todas las instrucciones de operación y uso deben ser seguidas.
5. El aparato eléctrico no deberá ser usado cerca del agua—por ejemplo, cerca de la tina de baño, lavabo, sótano mojado o cerca de una alberca, etc.
6. El aparato eléctrico debe ser usado únicamente con carritos o pedestales que sean recomendados por el fabricante.
7. El aparato eléctrico debe ser montado a la pared o al techo sólo como sea recomendado por el fabricante.
8. Servicio—El usuario no debe intentar dar servicio al equipo eléctrico más allá de lo descrito en las instrucciones de operación. Todo otro servicio deberá ser referido a personal de servicio calificado.
9. El aparato eléctrico debe ser situado de tal manera que su posición no interfiera su uso. La colocación del aparato eléctrico sobre una cama, sofá, alfombra o superficie similar puede bloquea la ventilación, no se debe colocar en libreros o gabinetes que impidan el flujo de aire por los orificios de ventilación.
10. El equipo eléctrico debe ser situado fuera del alcance de fuentes de calor como radiadores, registros de calor, estufas u otros aparatos (incluyendo amplificadores) que producen calor.
11. El aparato eléctrico deberá ser conectado a una fuente de poder sólo del tipo descrito en el instructivo de operación, o como se indique en el aparato.
12. Precaución debe ser tomada de tal manera que la tierra física y la polarización del equipo no sea eliminada.
13. Los cables de la fuente de poder deben ser guiados de tal manera que no sean pisados ni pellizcados por objetos colocados sobre o contra ellos, poniendo particular atención a los contactos y receptáculos donde salen del aparato.
14. El equipo eléctrico debe ser limpiado únicamente de acuerdo a las recomendaciones del fabricante.
15. En caso de existir, una antena externa deberá ser localizada lejos de las líneas de energía.
16. El cable de corriente deberá ser desconectado del cuando el equipo no sea usado por un largo periodo de tiempo.
17. Cuidado debe ser tomado de tal manera que objetos líquidos no sean derramados sobre la cubierta u orificios de ventilación.
18. Servicio por personal calificado deberá ser provisto cuando:
 - A: El cable de poder o el contacto ha sido dañado; u
 - B: Objetos han caído o líquido ha sido derramado dentro del aparato; o
 - C: El aparato ha sido expuesto a la lluvia; o
 - D: El aparato parece no operar normalmente o muestra un cambio en su desempeño; o
 - E: El aparato ha sido tirado o su cubierta ha sido dañada.



APPENDIX B: DISCLAIMER/TRADEMARKS

B.1 DISCLAIMER

Black Box Corporation shall not be liable for damages of any kind, including, but not limited to, punitive, consequential or cost of cover damages, resulting from any errors in the product information or specifications set forth in this document and Black Box Corporation may revise this document at any time without notice.

B.2 TRADEMARKS USED IN THIS MANUAL

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