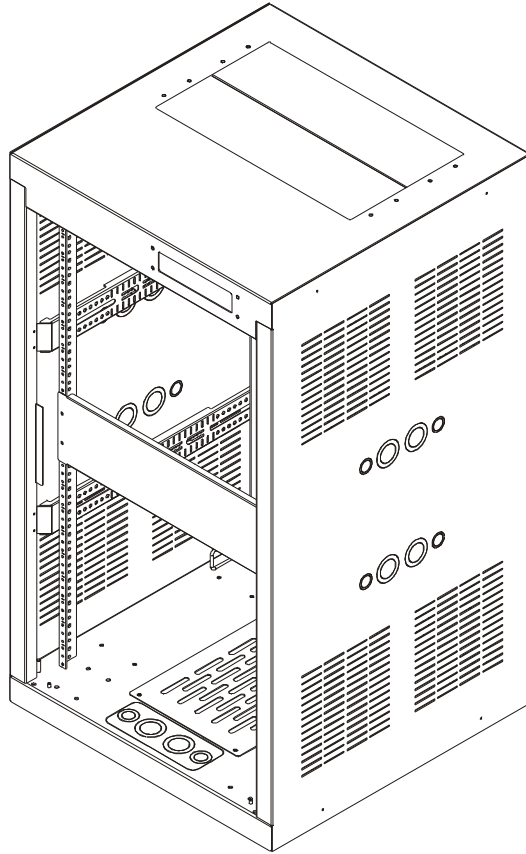

INSTALLATION INSTRUCTIONS



Enclosed Racks

DISCLAIMER

Milestone AV Technologies and its affiliated corporations and subsidiaries (collectively "Milestone"), intend to make this manual accurate and complete. However, Milestone makes no claim that the information contained herein covers all details, conditions or variations, nor does it provide for every possible contingency in connection with the installation or use of this product. The information contained in this document is subject to change without notice or obligation of any kind. Milestone makes no representation of warranty, expressed or implied, regarding the information contained herein. Milestone assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

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IMPORTANT WARNINGS AND CAUTIONS!



WARNING: A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.



CAUTION: A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.



WARNING: Failure to read, thoroughly understand, and

follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer's responsibility to make sure all components are properly assembled and installed using the instructions provided.



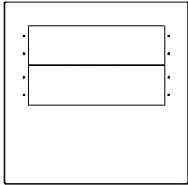
WARNING: Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the combined weight of all components located within the rack does not exceed 2500 lbs (1134.0 kg)*. Use with products heavier than the maximum weight indicated may result in instability or collapse of the rack causing possible injury.

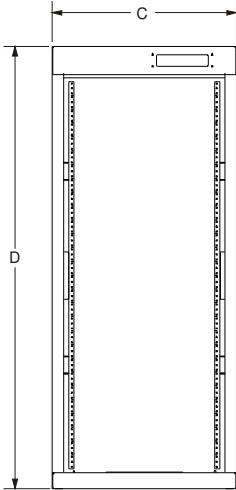
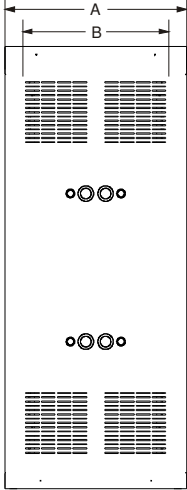
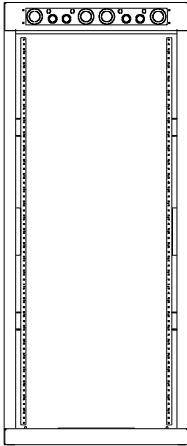
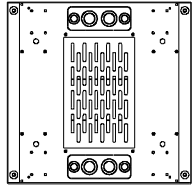
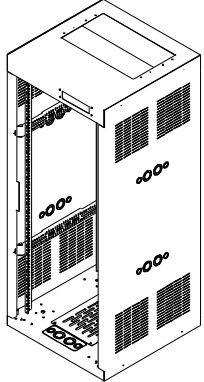
IMPORTANT ! : If the installation of this product requires OSHPD seismic approval, refer to OSHPD pre-approval documents and drawings before beginning installation. OSHPD documents and drawings are available at www.milestone.com and located on the product information page for the rack.

*** For use with OSHPD rating: The combined weight of all components located within the rack must not exceed 1600 lbs (725.7 kg).**

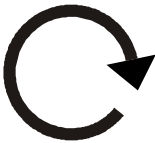
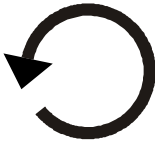
IMPORTANT ! : Minimum spacings between the Accessories and components and the (ITC/AV) Rack Enclosure shall be maintained for safe operation of the equipment when installed in accordance with the National Electric Code, ANSI/NFPA 70-2008. Operating temperature inside rack shall not exceed 104° F.

DIMENSIONS

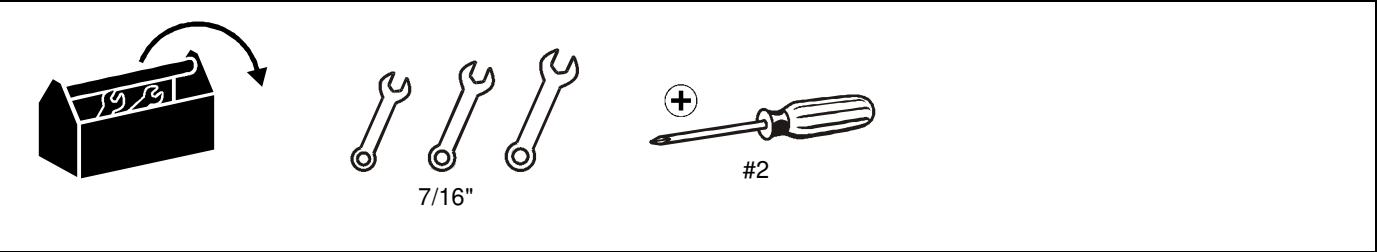
 TOP VIEW	MODEL	WEIGHT CAPACITY Lbs (kg)	RACKING HEIGHT UNITS	OVERALL DEPTH (A) Inches (mm)	USABLE DEPTH (B) Inches (mm)	WIDTH (C) Inches (mm)	HEIGHT (D) Inches (mm)
	NE1F2023	2500 (1134)	20	23 (584)	19.5 (495)	23.5 (597)	42 (1067)
	NE1F2823	2500 (1134)	28	23 (584)	19.5 (495)	23.5 (597)	56 (1422)
	NE1F3623	2500 (1134)	36	23 (584)	19.5 (495)	23.5 (597)	70 (1778)
	NE1F4423	2500 (1134)	44	23 (584)	19.5 (495)	23.5 (597)	84 (2134)
	NE1F2028	2500 (1134)	20	28 (711)	24.5 (622)	23.5 (597)	42 (1067)
	NE1F2828	2500 (1134)	28	28 (711)	24.5 (622)	23.5 (597)	56 (1422)
	NE1F3628	2500 (1134)	36	28 (711)	24.5 (622)	23.5 (597)	70 (1778)
	NE1F4428	2500 (1134)	44	28 (711)	24.5 (622)	23.5 (597)	84 (2134)

 FRONT VIEW	 SIDE VIEW	 REAR VIEW	 BOTTOM VIEW	 NOTE NE1F2823 SHOWN
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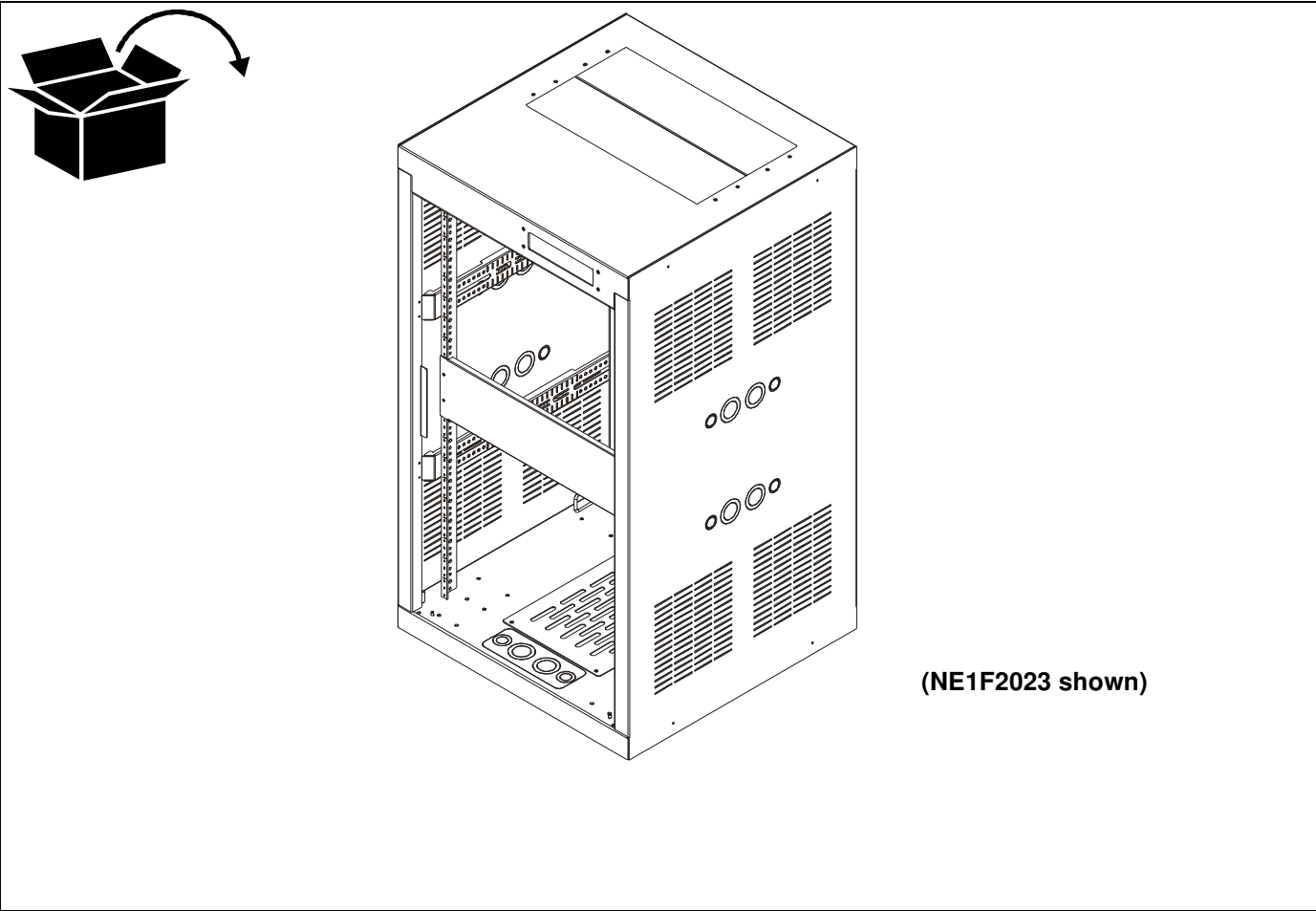
LEGEND

	Tighten Fastener
	Apretar elemento de fijación
	Befestigungsteil festziehen
	Apertar fixador
	Serrare il fissaggio
	Bevestiging vastdraaien
	Serrez les fixations
	Loosen Fastener
	Aflojar elemento de fijación
	Befestigungsteil lösen
	Desapertar fixador
	Allentare il fissaggio
	Bevestiging losdraaien
	Desserrez les fixations
	Open-Ended Wrench
	Llave de boca
	Gabelschlüssel
	Chave de bocas
	Chiave a punta aperte
	Steeksleutel
	Clé à fourche
	Phillips Screwdriver
	Destornillador Phillips
	Kreuzschlitzschraubendreher
	Chave de fendas Phillips
	Cacciavite a stella
	Kruiskopschroevendraaier
	Tournevis à pointe cruciforme

TOOLS REQUIRED FOR INSTALLATION



PARTS



INTRODUCTION

The E1 Series racks may be configured with optional accessories (not included) such as doors, levelers, casters, fan panels, etc. All accessory installation instructions accompany the accessories.

NOTE: The top cover panels may be removed and replaced with fan panels (follow instructions included with the fan panels), or other 3U panels (remove four nuts, replace existing panel, and replace and tighten nuts.) (See Figure 1)

NOTE: The bottom cover panel may be removed for wire entry or may be replaced with a filtered fan panel. Follow instructions included with the fan panel. (See Figure 1)

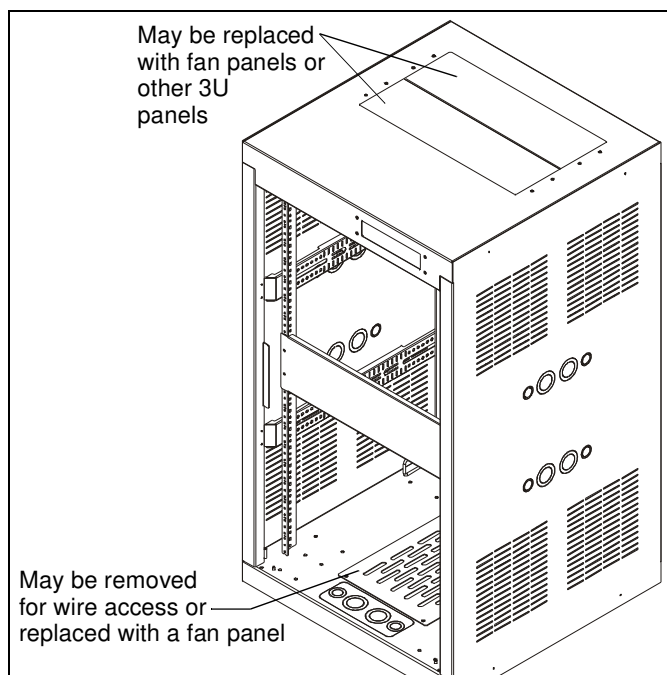


Figure 1

ASSEMBLY

1. Add optional levelers (not included) or casters (not included) to the rack following instructions included with the levelers or casters.
2. Add optional door(s) (not included) to the rack following instructions included with the door(s).

IMPORTANT ! : If the door(s) are to be attached with the pull-ring handle on the right side, the grounding screw, washer and wire already installed on the door must be removed and reinstalled on the opposite end of the door. See instructions included with the door(s).

NOTE: If NOT adding door(s), proceed to Step 6.

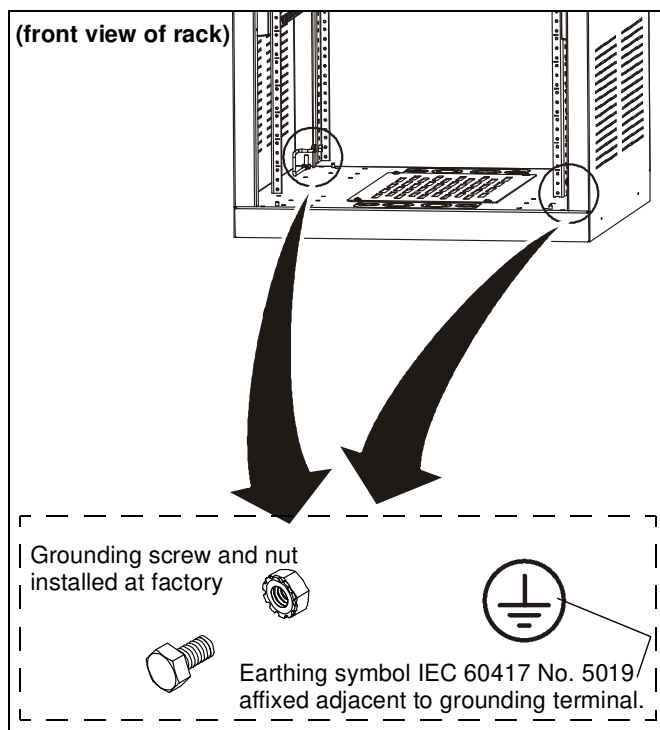


Figure 2

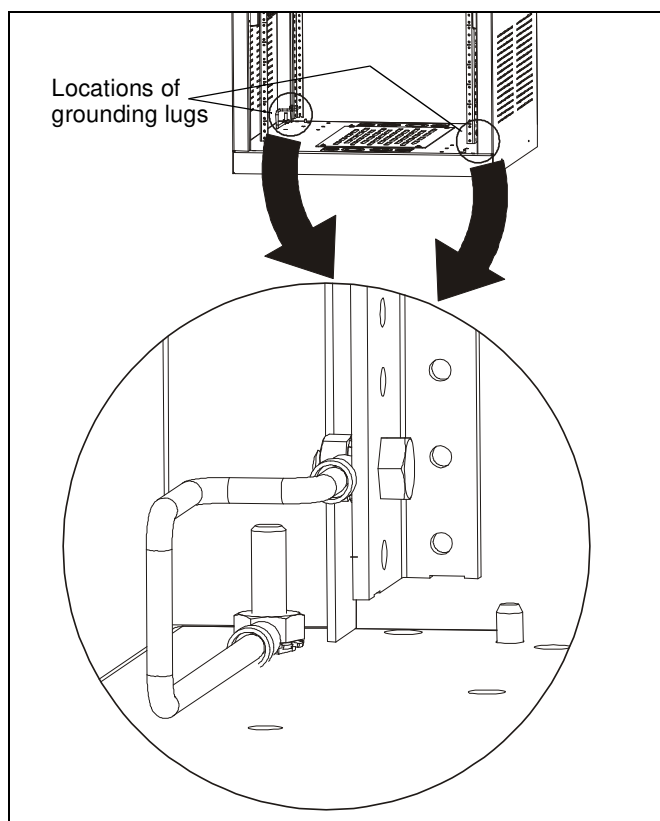


Figure 3

3. Remove and save nut from the grounding lug on side rail. (See Figure 4)
4. Attach grounding wire from door to the grounding lug. (See Figure 4)
5. Replace and tighten nut onto grounding lug. (See Figure 4)
6. Change optional logo panel by removing and saving 4 nuts from studs at inside top of front. (See Figure 5)
7. Remove blank panel and replace with optional personalized logo panel (not included). (See Figure 5)
8. Replace and tighten four nuts removed in Step 6.

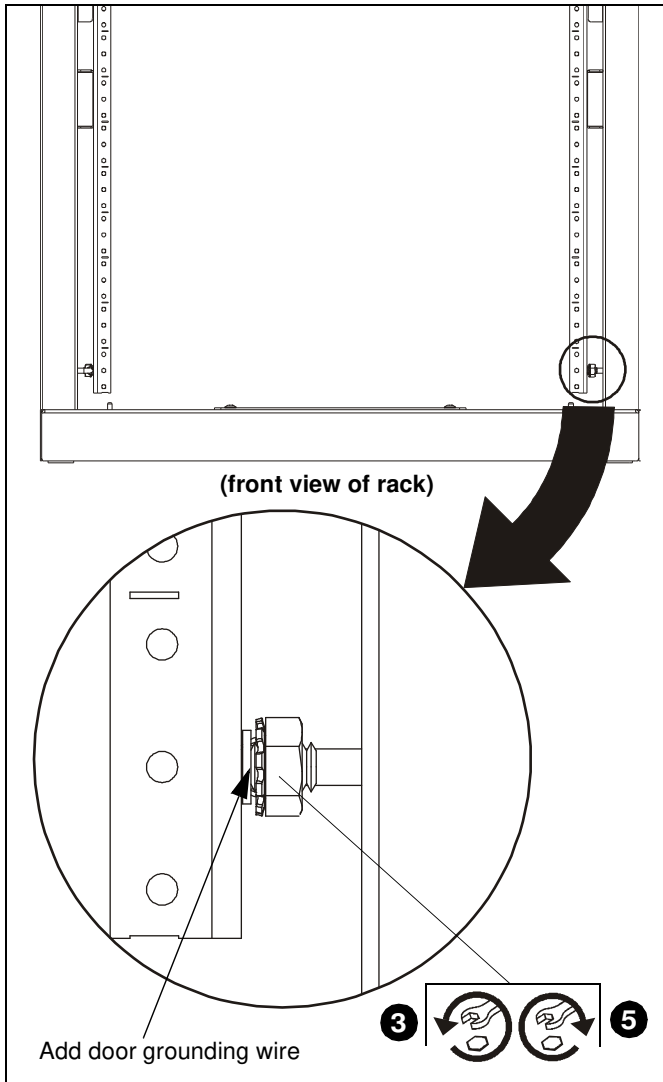


Figure 4



DANGER: IMPROPER WIRING CAN LEAD TO DEATH OR SEVERE PERSONAL INJURY! Grounding must be installed by qualified personnel using a UL Recognized No. 12AWG Green and Yellow grounding wire connected to grounding lug on rack.

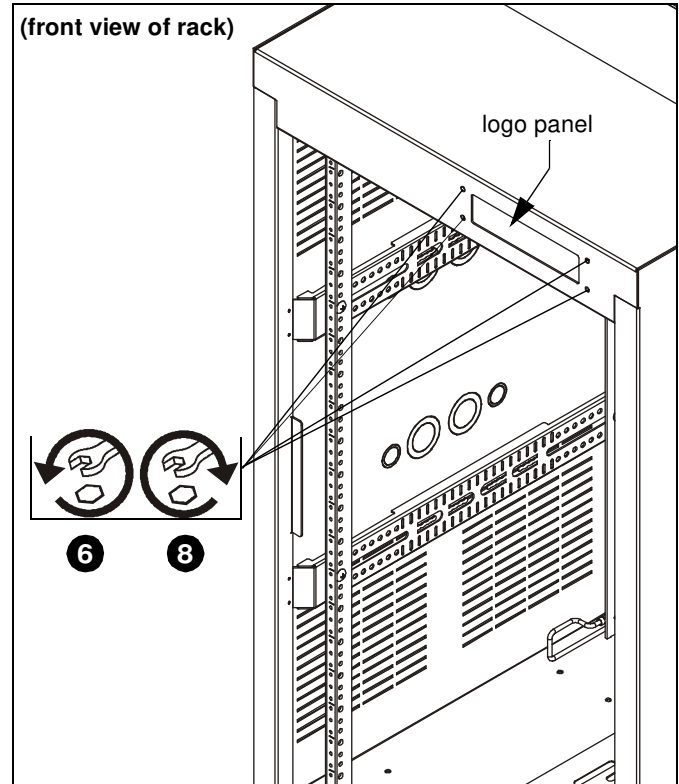


Figure 5

LOADING THE RACK

NOTE: The alignment panels shipped with the racks are optional. They may be removed to facilitate loading of the racks.

Load Distribution



CAUTION: BEGIN PLACEMENT OF LOAD AT BOTTOM OF RACK! Load rack, moving from bottom toward top of rack. Loading rack incorrectly may result in instability causing possibly injury and/or damage to components.

1. Begin placement of components into the rack at the lowest point.
2. Continue placing items into the rack, moving from the bottom upward.



CAUTION: DISTRIBUTE LOAD CORRECTLY! Load rack with 2/3 total weight of components in the lower half of rack. Loading rack incorrectly may result in instability causing possibly injury and/or damage to components.



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