BGR-SA Series 19" gangable enclosures

The #1 AV Enclosure with innovative installation and servicing features designed to save time and labor.

- All BGRs are now equipped with the revolutionary Forward rackrail giving you the ability to use Forward blank panels, vent panels, horizontal cable management and vertical cable management
- Provides more rackspace in a smaller overall height than similar racks
- Accepts patented Lever Lock[™] tool free and hardware free internal device and cable management system accessories
- Fully welded construction provides the following weight capacities: UL Listed load capacity: 3,000 lbs., Seismic certified capacity: 1,175 lbs.
- Pre-threaded ganging holes allow for rack joining after loading
- Rackrail depth indicators

eatures

- 1/2", 3/4", 1" & 1-1/2" electrical knockouts and 5/8" and 1/2" D UHF/VHF antennae knockouts on rear top & bottom, easily removable for cable pass-through. Top cable management plate (38 space and up) includes 1/2", 3/4", 1" 1-1/2" & 3" electrical knockouts and 5/8" and 1/2" D UHF/VHF antennae knockouts
- 23" OD width, multiple depths
- Two pairs of 11-gauge, 10-32 threaded rackrail with numbered rackspace increments
- Optional stackable 3" extender bay available for front and rear
- · Optional curved and beveled front doors in solid, vented and plexiglass styles
- Attractive interior bevels
- · Configurable open top with vertical cable management entry points
- Durable black textured powder coat finish
- Seismic certified (when used with BGR-Z4 or BGR-ISO-Z4 option) with an Ip value of 1.5
- UL Listed in the US and Canada









BGR shown with curved door and side panels



BGR shown with beveled door and side panels



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COMMERCIAL BRANDS C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold

96-01153 / rev g / 8-23-19

BGR-SA Series 19" gangable enclosures

specifications:

EIA compliant 19" gangable equipment rack shall be Middle Atlantic Products model #BGR-__-(see chart for available models). Overall dimensions of BGR shall be __"H x 23"W x __"D (refer to chart). Useable height of BGR shall be __ rackspaces, useable depth shall be __ " (refer to chart). BGR shall come equipped with two pairs of fully adjustable steel rackrail with two 10-32 threaded holes per side of each marked rackspace, and a cage-nut style mount that is compatible with tool-free Forward Series rackmount accessories. BGR rackrail shall include cable management lacing provisions and accept tool-free Forward Series cable management accessories. BGR shall have .100"thick steel along rackrail brackets, .310" thick steel at corners. BGR shall include vented locking and latching rear door, which shall be capable of accepting up to six 4-1/2" fans. Top and bottom of BGR shall feature vertical slotted vent pattern for ventilation. BGR shall have two 1" x 7" rear obround knockouts with 1/2", 1", 1-1/4" and 1-1/2" electrical knockouts and 5/8" and 1/2" D UHF/ VHF antennae knockouts in base and top. BGR shall have a configurable open top with vertical cable management entry points. BGR shall accept patent-pending LeverLock™ tool free and hardware free internal cable and device management system accessories. BGR shall have pre-threaded 5/16"-18 ganging holes. BGR shall be capable of ganging while fully loaded, using bolts only. BGR shall have marked rackrail depth indicators. BGR shall be of fully welded construction. BGR shall be finished in an environmentally friendly, durable black powdercoat. Grounding and bonding studs shall be 1/4-20 threaded, installed in top and base of enclosure (19 and 25 space have stud in bottom only). Fully welded construction shall provide a UL Listed load capacity of 3,000 lbs. BGR Series enclosures shall satisfy the 1997 UBC; 2001, 2007 & 2010 CBC; 2000, 2003, 2006 & 2009 IBC; ASCE 7-02, ASCE 7-05, ASCE 7-10 and the 2003, 2006 & 2009 editions of NFPA 5000 for use in areas of high seismicity, Seismic Use Group III, Zone 4 or Seismic Design Category (SDC) "D" with lateral force requirements for protecting 1,175 lbs. of essential equipment in locations with the highest level of seismicity and top floor or rooftop installations with an Importance factor (Ip) of 1.5 when used with BGR-Z4 or BGR-ISO-Z4 (isolated) seismic floor anchor bracket. BGR shall be OSHPD approved for fixed equipment anchorage in California healthcare facilities. BGR shall be UL Listed in the US and Canada. BGR shall be GREENGUARD Gold Certified. BGR enclosure shall meet the RoHS EU Directive 2011/65/EU. BGR shall be manufactured by an ISO 9001 and ISO 14001 registered company. BGR enclosure shall be warrantied to be free from defects in material or workmanship under normal use and conditions for the lifetime of the rack.

Customizable specification clips available at middleatlantic.com

		"A"	"B"	"C"	"D"
Part #	Rackspaces	Overall Height	Racking Height	Depth	Useable Depth
BGR-19SA-27	19	37.375 [949]	33.375 [848]	27 [686]	24.4 [620]
BGR-25SA-27	25	47.875 [1216]	43.875 [1114]	27 [686]	24.4 [620]
BGR-38SA-27	38	70.625 [1794]	66.625 [1692]	27 [686]	24.4 [620]
BGR-41SA-27	41	75.875 [1927]	71.875 [1826]	27 [686]	24.4 [620]
BGR-45SA-27	45	82.875 [2105]	78.875 [2003]	27 [686]	24.4 [620]
BGR-25SA-32	25	47.875 [1216]	43.875 [1114]	32 [812]	29.4 [747]
BGR-38SA-32	38	70.625 [1794]	66.625 [1692]	32 [812]	29.4 [747]
BGR-41SA-32	41	75.875 [1927]	71.875 [1826]	32 [812]	29.4 [747]
BGR-45SA-32	45	82.875 [2105]	78.875 [2003]	32 [812]	29.4 [747]

options:

- Lever Lock[™] tool free and hardware free internal device and cable management system accessories shall be model # LL-XXYY (XX = type, YY = size, refer to middleatlantic.com for additional details)
- Curved front doors shall be model # VFD-XXA (vented, 64% open area), PFD-XXA (plexi), (XX= # of rackspaces)
- Beveled front doors shall be model # BFD-XX (solid), BVFD-XX (vented, 64% open area), BPFD-XX (plexi), (XX= # of rackspaces)
- Front or Rear Extender, adds 3" of usable depth, model # BGR-___-EXT3 (41,45)
- Cable entry rear door, shall be model # BGR-RDC_____(19, 25, 38, 41, 45)
- Inner platform base shall be BS-BGR
- Caster kit shall add 1" to overall height, include four casters with a 1,100 lb. weight capacity, and shall be model # CBS-BGR
- Forward UPS Caster Base shall be FWD-CBS-2KVA-BGRXX and have a weight capacity of 1,038 lbs. and raise total rack height 7.42" (XX=Depth)
- Forward UPS Base shall be FWD-BS-2KVA-BGRXX and raise total rack height 5.66" (XX=Depth)
- Rear rail kit shall be model # FWD-BGR-RRXX (XX=# of rackspaces)
- Seismic Zone 4, Seismic Use Group III and Seismic Design Category "D" compliancy kit shall be model # BGR-Z4
- Seismic Zone 4, Seismic Use Group III and Seismic Design Category "D" compliancy and isolation kit shall be model # BGR-ISO-Z4
- Seismic Zone 4, Seismic Use Group III and Seismic Design Category "D" riser bases shall be SRB-(1,2,3)-BGR-(32, 38)24
- Isolation kit shall be model # BGR-ISO
- Front decorative trim shall be BGR-TRIM__(45,41,38, 25, 19) and shall include the following colors: Green (pre-installed), Red, Black, Blue & White



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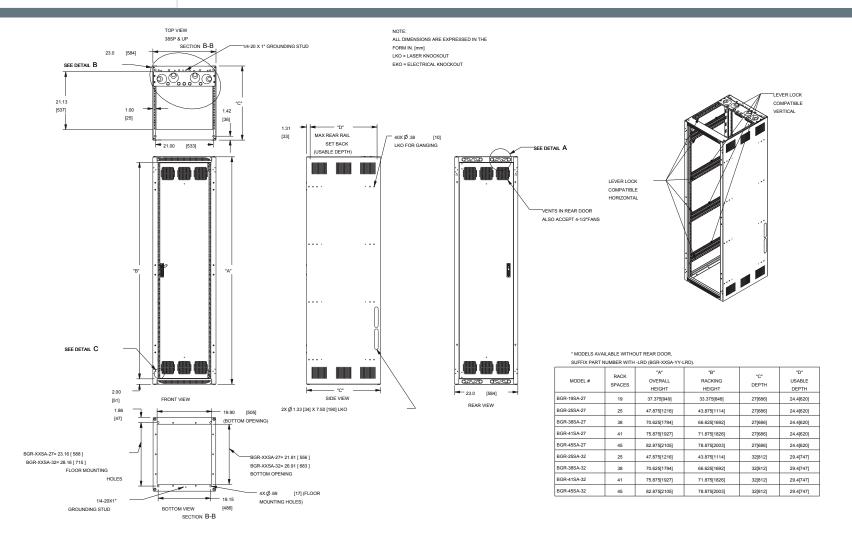
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COMMERCIAL BRANDS

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BGR-SA Series basic dimensions





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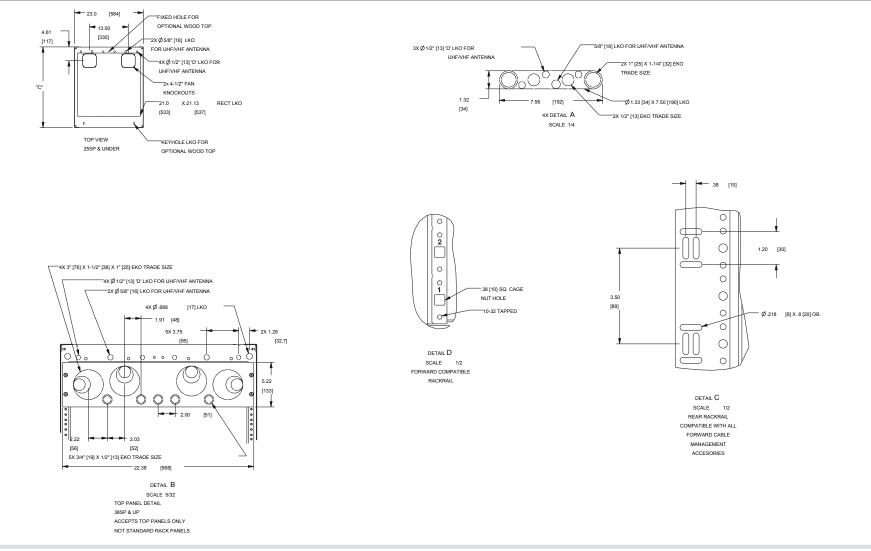
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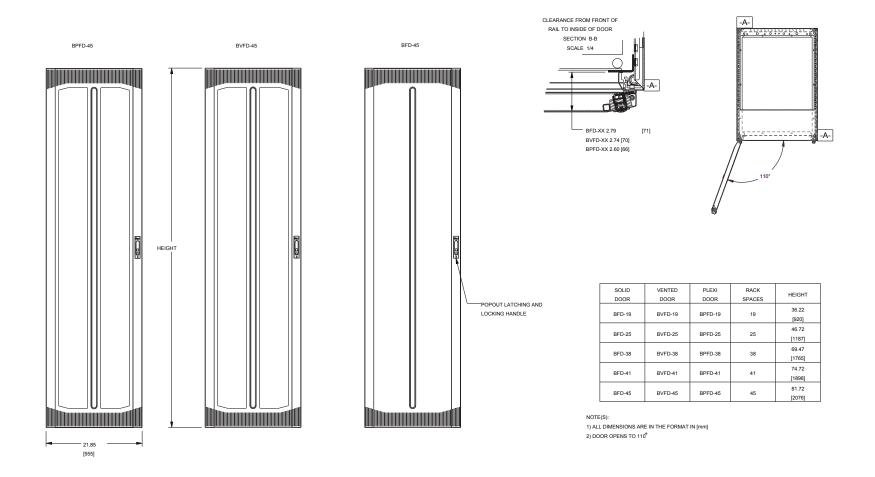
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BGR-SA Series curved & beveled doors basic dimensions





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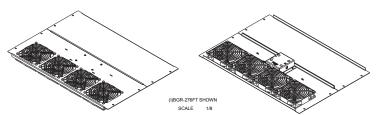
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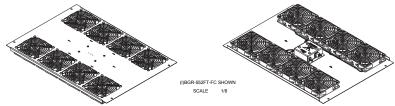
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BGR-SA Series fan top basic dimensions

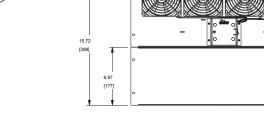
PART NUMBER	FAN CONTROL	FAN QUANTITY	AIRFLOW CFM [M3/MIN]	NOISE @ FULL SPEED	CURRENT DRAW	
(I)BGR-276FT		4	276 [7.8]	35 dBA	620mA @ 12VDC	
(I)BGR-276FT-FC	x	4	276 [7.8]	35 dBA	620mA @ 12VDC	
(I)BGR-552FT		8	552 [15.6]	38 dBA	1.24A @ 12VDC	
(I)BGR-552FT-FC	x	8	552 [15.6]	38 dBA	1.24A @ 12VDC	





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22.38 [568]



NOTE(5): 1. ALL DIMENSIONS SHOWN: IN [MM] 2. TURN ON TEMPERATURE FOR FAN CONTROLLED MODELS CAN BE SET AT 75F (24C), 86F (27C), 86F (24C), 070 96 (23C), 4ARM CAN BE SET AT 56F (35C) ON 100F (28F), 3. "I' PREFIX INDICATES INTERNATIONAL FAN TOP MODELS. INTERNATIONAL MODELS COME WITH A UNIVERSAL VOLTAGE PLUCH: IN POWER SUPPLY AND DAPHTERS.



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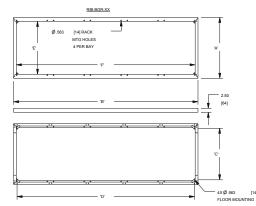
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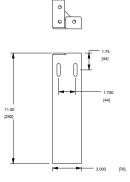
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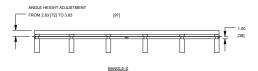
BGR-SA Series riser bases basic dimensions





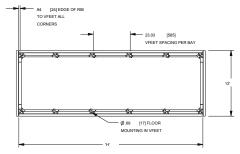
VFEET-X-12





PART NUMBER	'A' DEPTH	'B' WIDTH	'C' DEPTH MTNG HOLE C TO C	'D' WIDTH MTNG HOLE C TO C	'E' OPENING DEPTH	'F' OPENING WIDTH	VFEET (QTY OF FEET)	ANGLE	'G' ANGLE DEPTH	'H' ANGLE WIDTH
RIB-1-BGR-27	27.00 [686]	23.00 [584]	21.18 [538]	18.62 [473]	22.00 [559]	19.5 [495]	VFEET-1-12 (4)	BANGLE-1	30.00 [762]	22.75 [578]
RIB-1-BGR-32	32.00 [813]	23.00 [584]	26.18 [665]	18.62 [473]	27.00 [686]	19.5 [495]	VFEET-1-12 (4)	BANGLE-1	30.00 [762]	22.75 [578]
RIB-1-BGR-38	38.00 [965]	23.00 [584]	32.18 [817]	18.62 [473]	33.00 [838]	19.5 [495]	VFEET-1-12 (4)	BANGLE-1-38	41.00 [1041]	22.75 [578]
RIB-2-BGR-27	27.00 [686]	46.03 [1169]	21.18 [538]	41.65 [1058]	22.00 [559]	42.53 [1080]	VFEET-2-12 (6)	BANGLE-2	30.00 [762]	45.78 [1163]
RIB-2-BGR-32	32.00 [813]	46.03 [1169]	26.18 [665]	41.65 [1058]	27.00 [686]	42.53 [1080]	VFEET-2-12 (6)	BANGLE-2	30.00 [762]	45.78 [1163]
RIB-2-BGR-38	38.00 [965]	46.03 [1169]	32.18 [817]	41.65 [1058]	33.00 [838]	42.53 [1080]	VFEET-2-12 (6)	BANGLE-2-38	41.00 [1041]	45.78 [1163]
RIB-3-BGR-27	27.00 [686]	69.06 [1754]	21.18 [538]	64.68 [1643]	22.00 [559]	65.56 [1665]	VFEET-3-12 (8)	BANGLE-3	30.00 [762]	68.81 [1748]
RIB-3-BGR-32	32.00 [813]	69.06 [1754]	26.18 [665]	64.68 [1643]	27.00 [686]	65.56 [1665]	VFEET-3-12 (8)	BANGLE-3	30.00 [762]	68.81 [1748]
RIB-3-BGR-38	38.00 [965]	69.06 [1754]	32.18 [817]	64.68 [1643]	33.00 [838]	65.56 [1665]	VFEET-3-12 (8)	BANGLE-3-38	41.00 [1041]	68.81 [1748]
RIB-4-BGR-27	27.00 [686]	92.09 [2339]	21.18 [538]	87.71 [2228]	22.00 [559]	88.59 [2250]	VFEET-4-12 (10)	BANGLE-4	30.00 [762]	91.84 [2333]
RIB-4-BGR-32	32.00 [813]	92.09 [2339]	26.18 [665]	87.71 [2228]	27.00 [686]	88.59 [2250]	VFEET-4-12 (10)	BANGLE-4	30.00 [762]	91.84 [2333]
RIB-4-BGR-38	38.00 [965]	92.09 [2339]	32.18 [817]	87.71 [2228]	33.00 [838]	88.59 [2250]	VFEET-4-12 (10)	BANGLE-4-38	41.00 [1041]	91.84 [2333]
RIB-5-BGR-27	27.00 [686]	115.12 [2924]	21.18 [538]	110.74 [2813]	22.00 [559]	111.62 [2835]	VFEET-5-12 (12)	BANGLE-5	30.00 [762]	114.87 [2918]
RIB-5-BGR-32	32.00 [813]	115.12 [2924]	26.18 [665]	110.74 [2813]	27.00 [686]	111.62 [2835]	VFEET-5-12 (12)	BANGLE-5	30.00 [762]	114.87 [2918]
RIB-5-BGR-38	38.00 [965]	115.12 [2924]	32.18 [817]	110.74 [2813]	33.00 [838]	111.62 [2835]	VFEET-5-12 (12)	BANGLE-5-38	41.00 [1041]	114.87 [2918]

[14]





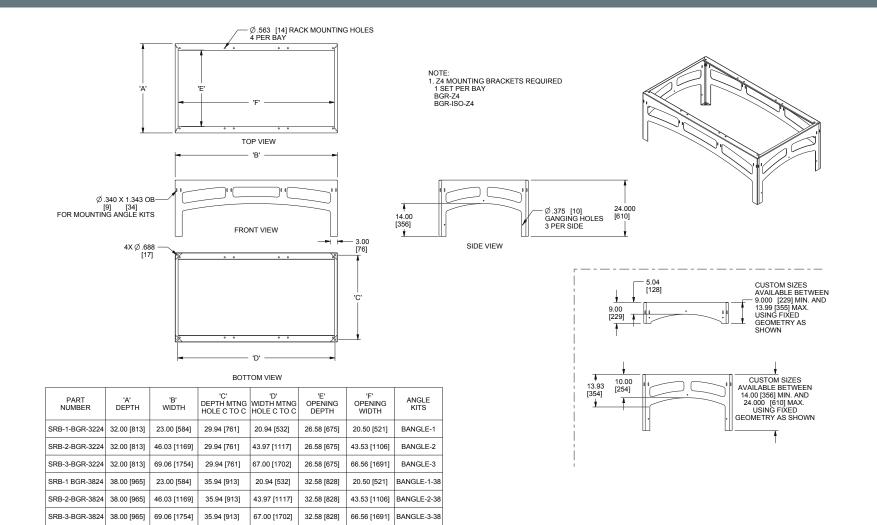
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BGR-SA Series seismic riser base basic dimensions





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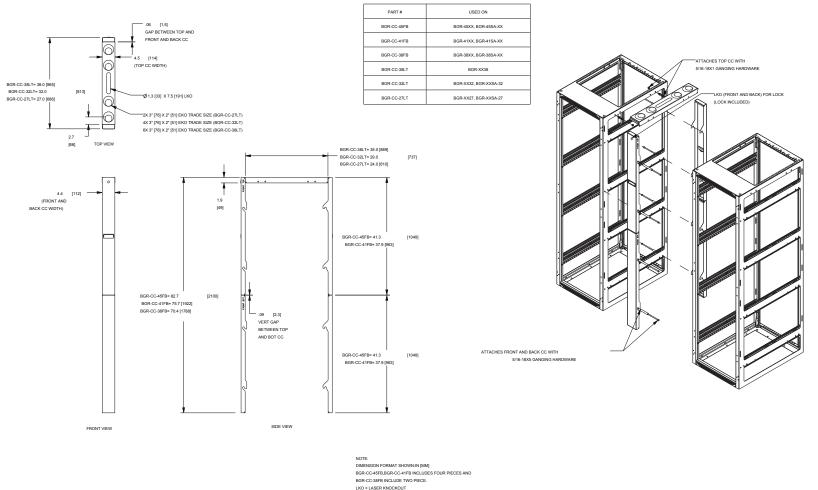
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BGR-SA Series

front / rear extender basic dimensions



LKO = LASER KNOCKOUT EKO = ELECTRICAL KNOCKOUT



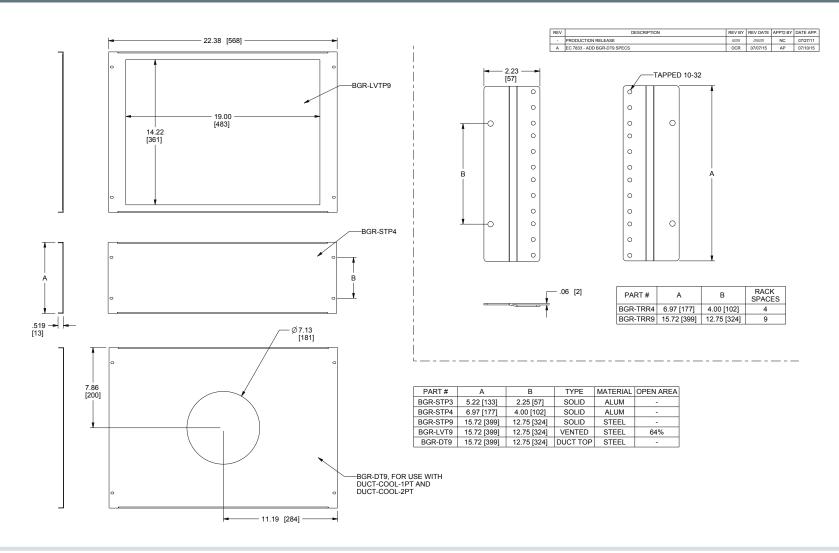
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BGR-SA Series top panel/rail basic dimensions





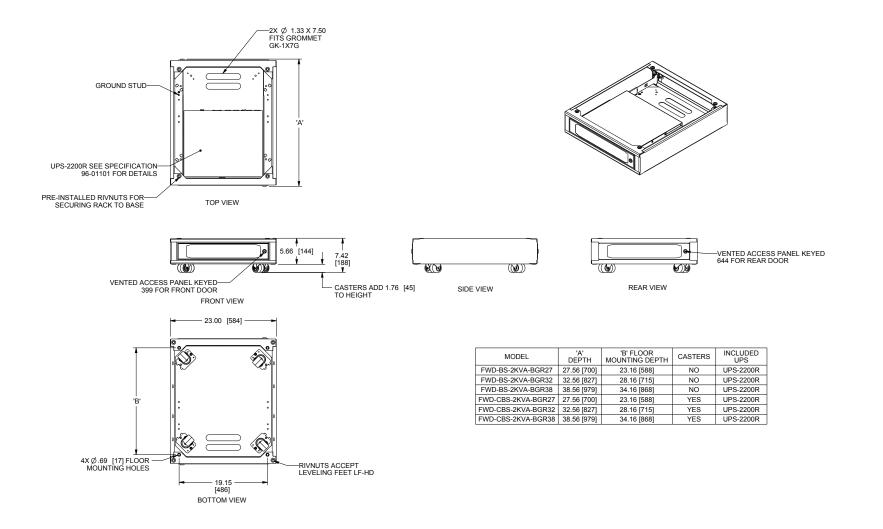
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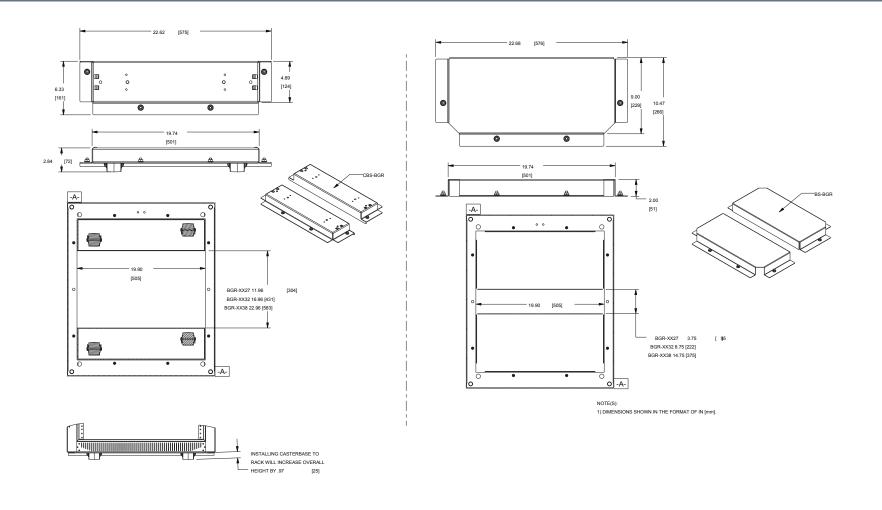
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BGR-SA Series

caster base / inner platform base basic dimensions





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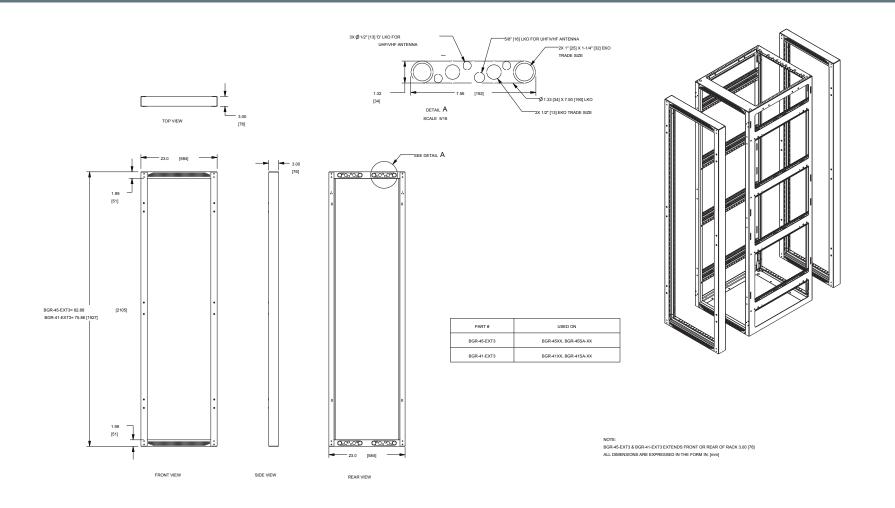
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BGR-SA Series

front/rear extender & cable chase basic dimensions





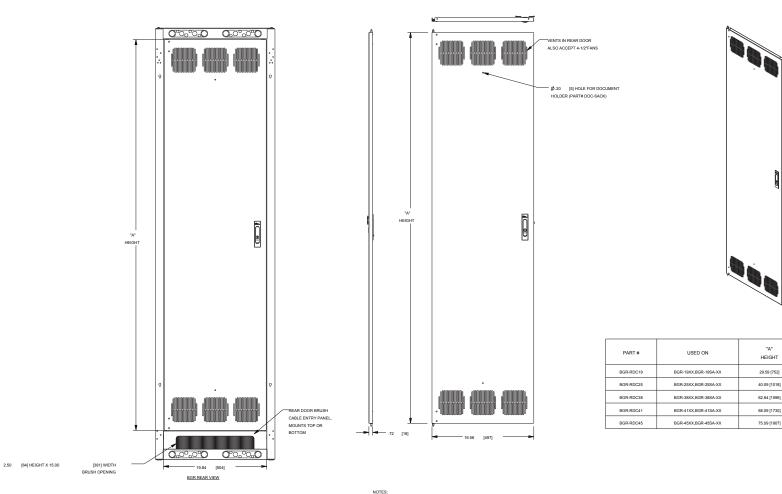
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BGR-SA Series cable entry rear door basic dimensions



ALL DIMENSIONS SHOWN: INCHS [MILLIMETERS]



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