

# RF EMI PORTABLE ENCLOSURE OPTIONS

## ENCLOSURE CONSTRUCTION OPTIONS

5' X 5' Door



ESD Liner



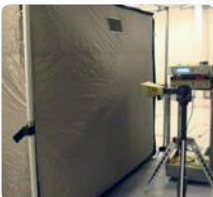
Part Number	Description
N/A	Size upgrade from Standard Door: 40" x 54.5" I.D. (58" x 64.5" O.D.) with either double (US Pat. No. 8,530,756) or single (U.S. Pat. No. 9,029,714) patented door sealing systems
N/A	ESD Liner — White Electrostatic Dissipative liner on four walls and ceiling
N/A	Vestibule / Foyer - internal or external

## SERVICES

Cleanroom Services



Testing of Enclosure



Part Number	Description
RMEC0009	<u>Cleanroom Services</u> – On-site ISO Class 7 (Class 10,000 - Fed. Std. 209) cleanroom and an ISO Class 5 (Class 100) isolated area
RMEC0006	<u>Shielding Effectiveness Testing</u> of completed enclosure to IEEE Std 299™ – 2006 with complete test report included. Standard Frequencies tested: 150 KHZ, 14, 26, 300 MHZ and .4, .8, 1, 3, 6, 10, 12, 14, 16, 18 GHZ Test frequencies can be modified to customer specifications.

## TRANSPORTATION AND STORAGE

Canvas Carry Bag



Deluxe Roller Bag



Hard Carry Case



Part Number	Description
RMEC0010	Canvas Carry Bag for enclosures 33" x 18" x 12.5"
RMEC0004	Canvas Carry Bag for enclosures 40" x 20" x 20"
RMMC0047	Series 100 Frame Deluxe Roller Bag – Up to 8'
RMMC0095	Series 100 Frame Deluxe Roller Bag – Up to 10'
RMMC0096	Series 100 Frame Deluxe Roller Bag – Up to 15'
RMMC0097	Series 100 Frame Deluxe Roller Bag – Up to 20'
RMMC0144	Series 100 Frame Hard Carry Case - Up to 10' High density polyethylene molded case with sturdy wheels and heavy-duty handle.

### Select Fabricators Inc.

5310 North Street, Building #5 • PO Box 119

Canandaigua, NY USA 14424

P: +1 585.393.0650 or 888.599.6113 • F: +1 585.393.1378

SelectUs@select-fabricators.com • www.select-fabricators.com



# RF EMI PORTABLE ENCLOSURE OPTIONS

## TRANSPORTATION AND STORAGE

Hard Case



Hard Case



Part Number	Description
3SKB-292-1MR	Hard Travel Case: 29" x 21.5" x 17" I.D. Molded impact resistant high density polyethylene case with spring loaded side handles, plastic pull handle and built-in "roller blade style" wheels
1780T	Hard Travel Case : 42" x 22" x 15.1" I.D. Ultra-high-impact structural copolymer construction with easy-open, double-throw latches, stainless steel padlock protectors and four polyurethane wheels

## LIGHTING

EMI Hardened String Lights



Interior perimeter lighting system



System consists of a two wire LED rope with a standard live feed (plug). Operates on 120 VAC, 60Hz.

Part Number	Description
RMEC0016	EMI Hardened String Lights Lights will operate on 100-240 Volts at 50 to 60 Hz.
RMEC0221	Interior perimeter lighting system consisting of a two wire LED rope with a standard live feed (plug). Operates on 120 VAC, 60Hz for a 48" x 48" x 78" enclosure
RMEC0023	Interior perimeter lighting system consisting of a two wire LED rope with a standard live feed (plug). Operates on 120 VAC, 60Hz for a 7' x 7' enclosure
RMEC0024	Interior perimeter lighting system consisting of a two wire LED rope with a standard live feed (plug). Operates on 120 VAC, 60Hz for a 9' x 9' enclosure
RMEC0025	Interior perimeter lighting system consisting of a two wire LED rope with a standard live feed (plug). Operates on 120 VAC, 60Hz for a 9' x 14' enclosure
RMEC0026	Interior perimeter lighting system consisting of a two wire LED rope with a standard live feed (plug). Operates on 120 VAC, 60Hz for a 9' x 19' enclosure
Custom	LED Custom sized interior perimeter lighting based on enclosure size.

## CABLE SLEEVES

Cable Sleeves



**Select Fabricators Inc.**  
5310 North Street, Building #5  
PO Box 119  
Canandaigua, NY USA 14424  
P: +1 585.393.0650 or 888.599.6113  
F: +1 585.393.1378  
SelectUs@select-fabricators.com  
www.select-fabricators.com

Part Number	Description
RMEC0001	Cable Sleeve 4" x 3'
RMEC0008	Cable Sleeve 5" x 3'
RMEC0011	Cable Sleeve 6" x 4'

**Select**  
Fabricators™  
Shield. Seal. Sew. Assemble. Cover. Comply.

# RF EMI PORTABLE ENCLOSURE OPTIONS

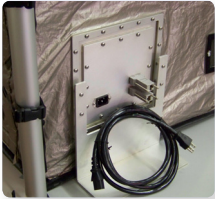
## FILTER OPTIONS

Note: Power & data connectors can easily be customized to meet unique requirements. Custom filter and connector options are available including: SMA, BNC and fiber optics.

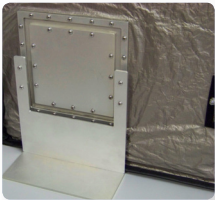
Filter Plate without Ethernet  
RMEC0073



Filter Plate with Ethernet  
RMEC0074



Blank Removable Plate



High Performance IO Plate  
RMEC0197



Part Number	Description
RMEC0073	Filter Plate without Ethernet 0-250 VAC, 15 Amp wall-mounted removable plate with 5-outlet power cord 120 VAC, 15 Amp for power inside tent.
RMEC0074	Filter Plate with Ethernet 0-250 VAC, 15 Amp wall-mounted removable plate with 5-outlet power cord 120 VAC, 15 Amp- for power inside tent plus Ethernet: (2) 100 PF DB9 RF filtered connectors to filter (2) RJ45/DB9 Adapter Kits for 10/100Mbps Ethernet
RMEC0072	Blank Wall-Mounted Removable Plate
RMEC0222	Blank Wall-Mounted Removable Plate with leg extenders
RMEC0196	High Performance IO Plate without Ethernet, wall-mounted, includes: 250 VAC/500 VDC/30A facility filter (-100 dB 100 kHz to 40 GHz) with two (2) USA 120VAC/15A five (5) outlet power strips rated for max. 20A and a 5-20P 120V/20A line cord
RMEC0196 - NEMA	High Performance IO Plate includes: 250 VAC/500 VDC/30A facility filter (-100 dB 100 kHz to 40 GHz) with one (1) USA 120VAC/15A five (5) outlet power strips rated for max. 15A and a 5-15P 120V/15A line cord
RMEC0197	High Performance IO Plate with Ethernet, wall-mounted, 10/100/1000 gigabit Ethernet includes: 250VAC/500VDC/30A facility filter (-100 dB 100 kHz to 40 GHz) with two (2) 10/100/1000 gigabit Ethernet media converters with cables & connectors, two (2) USA 120VAC/15A five (5) outlet power strips rated for max. 20A and a 5-20P 120V/20A line cord
RMEC0197 - NEMA	High Performance IO Plate with Ethernet, wall-mounted, 10/100/1000 gigabit Ethernet includes: 250VAC/500VDC/30A facility filter (-100 dB 100 kHz to 40 GHz) with two (2) 10/100/1000 gigabit Ethernet media converters with cables & connectors, one (1) USA 120VAC/15A five (5) outlet power strips rated for max. 15A and a 5-15P 120V/15A line cord
Custom Filter Plate	Filter Plate with custom options: Multiple filter & connector options: SMA, BNC, fiber optics, etc.

# RF EMI PORTABLE ENCLOSURE OPTIONS

## VENTILATION

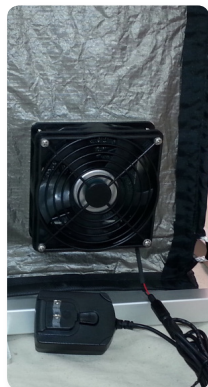
Vent Sleeve  
and Fan  
RMEC0028



Exhaust Vent



Ventilation  
System for  
Tabletop  
Enclosures  
RMEC0029-  
NEW



Ventilation  
System for  
Enclosures  
RMEC0028-  
NEW



Select Fabricators, Inc. strongly advises the use of a complete ventilation system or A/C unit with any enclosure that will contain people.

All openings on the RF/EMI Shielding Enclosure must be completely sealed during operation for proper use including both layers of the door. Without ventilation (vents, fan and sleeve), the inside air temperature may rise due to the heat generated from the equipment and/or people inside. Also, without proper ventilation, the interior air quality may be affected due to a lack of air circulation,

Part Number	Description
RMEC0028	Complete Vent System including installation: Intake/Exhaust Honeycomb vents: 11.9" x 6.2" two layer honeycomb with 90° orientation, protective grill, sleeve and fan.
RMEC0028-NEW	Ventilation System – Includes two (2) 120mm x 120mm Dual Honeycomb Vent Panels w/ 12VDC fans for Intake and one (1) 6" x 12" Dual Honeycomb Vent Panel for exhaust. Includes 90-240VAC/12VDC power supply with USA Plug (USA Plug clip can be changed for International operation). Air Flow: 204 CFM.
RMEC0029-NEW	Ventilation System for Tabletop Tents - Includes (2) 120mm x 120mm Dual Honeycomb Vent Panels for intake and exhaust. Includes (1) 120mm 12VDC Muffin Fan with 90-240VAC/12VDC power supply with USA Plug (USA Plug clip can be changed for International operation). Air Flow: 102 CFM
RMEC Custom	Intake/exhaust 6" x 6" Steel High Attenuation Honeycomb Vent Panels, Sleeve & Fan

Contact Select Fabricators Inc. for pricing of any of our other USA made products and services including:

- Contract packaging & assembly
- Design & manufacture of RF/EMI shielding and mobile forensic products
- Medical device assembly, packaging, testing & sterilization sourcing
- Custom fabrication
- Military packaging
- Cleanroom assembly & services
- Industrial sewing
- Pad printing
- Ultrasonic Welding



Select Fabricators Inc.  
5310 North Street, Building #5 • PO Box 119  
Canandaigua, NY USA 14424  
P: +1 585.393.0650 or 888.599.6113 • F: +1 585.393.1378  
SelectUs@select-fabricators.com • www.select-fabricators.com

# RF EMI PORTABLE ENCLOSURE OPTIONS

## AIR CONDITIONING

Intake and exhaust EMI shielding honeycomb panels provide air circulation. Sleeves are installed for attachment of air conditioning units and fan to direct air into the tent.

Air  
Conditioning



Part Number	Description
RMEC0030	Air Conditioning: 2500 - 8000 BTU/115v HVAC unit ready for hookup with hoses, two (2) honeycomb vents, and drip pan. Note: Includes ventilation system RMEC0028 (Complete Vent System including installation: Intake/Exhaust Honeycomb vents: 11.9" x 6.2" two layer honeycomb with 90° orientation, protective grill, sleeve and fan.) Size of unit based on needs and availability.
RMEC0030-New	Same as RMEC0030 plus RMEC0028-NEW ventilation system instead of RMEC0028
RMEC0031	Air Conditioning for Large Tents (250 min. - 500 max. Sq. Ft.): 12,000 BTU/3.5 kW unit uses environmentally friendly, R410a refrigerant. No water collection tank required. Compact, portable, self-contained unit is quickly & easily installed via a shielded vent and standard 5-15R outlet. Includes two (2) 11.9" x 6.2" two layer, honeycomb, 90° orientation vent panels for intake and exhaust plus RMEC0028 ventilation system(Complete Vent System including installation: Intake/Exhaust Honeycomb vents: 11.9" x 6.2" two layer honeycomb with 90° orientation, protective grill, sleeve and fan.). Three cycles, cool, dehumidify and fan, with a built-in timer for automatic operation. 120V AC input, 60 Hz frequency compatible, 1250 max Watts consumption. Unit is 30.63 x 11.81 x 19.88 (HWD/in.) Tested to UL484, CAS; RoHS.

Air  
Conditioning  
for Large  
Enclosures



Terms: 25% with order. Net 30. FOB Canandaigua, NY.  
Lead time is based on manufacturing and inventory at time of order.

Contact Select Fabricators Inc. for pricing of any of our other USA made products and services including:

- Contract packaging & assembly
- Design & manufacture of RF/EMI shielding and mobile forensic products
- Medical device assembly, packaging, testing & sterilization sourcing
- Custom fabrication
- Military packaging
- Cleanroom assembly & services
- Industrial sewing
- Pad printing
- Ultrasonic Welding



Select Fabricators Inc.  
5310 North Street, Building #5 • PO Box 119  
Canandaigua, NY USA 14424  
P: +1 585.393.0650 or 888.599.6113 • F: +1 585.393.1378  
SelectUs@select-fabricators.com • www.select-fabricators.com