

FILTERS LRE MULTIPLE CIRCUIT PANEL FILTERS



ETS-Lindgren's LRE Series Filters are designed for moderate filtering requirements. These filters are typically used on mid-performance modular shielded rooms, screen rooms, or foil-lined rooms. LRE filters are designed for two to four wire applications. Like all ETS-Lindgren power line Filters, LRE filters are designed and manufactured to meet or exceed MIL-STD-220C, UL-1283 and/or MIL-f-15733, though none of these are UL Listed.

Optional mounting penetration hardware is available that allows for direct installation through a shielded wall. Please order /PEN option.

Power factor correction coils are recommended for 400 Hz filters 50A or higher.

LRE Multiple Circuit Panels Filters

- **High Performance: For Moderate Requirements**
- **Dual or Multiple Lines**
- **Insertion Loss: 100 dB minimum**
- **Insertion Loss Frequency Range: 150 kHz to 40 GHz**
- **Maximum Voltage:**
 - 0 to 60 Hz: 0 - 277V to GND;
 - 0 - 480V Line to Line
 - 0 to 400Hz: 0 - 120V to GND;
 - 0 - 208V Line to Line

Standard Configuration

- These filters canisters can come without penetration.
- Wall mount

Options

- Penetration kit
- Order filters bundled with penetration kits for effortless shield installation.

Technical Specifications

Electrical (Max. Rating)		
Model	Current Rating	Voltage Rating
LRE-2030	2 X 30 A	0-277/480 VAC
LRE-2060	2 X 60 A	0-277/480 VAC
LRE-2100	2 X 100 A	0-277/480 VAC
LRE-2225	2 X 225 A	0-277/480 VAC
LRE-2250	2 x 250 A	0-277/480 VAC
LRE-2400	2 x 400 A	0-277/480 VAC
LRE-3030	3 x 30 A	0-277/480 VAC
LRE-3060	3 x 60 A	0-277/480 VAC
LRE-3100	3 x 100 A	0-277/480 VAC
LRE-3255	3 x 255 A	0-277/480 VAC
LRE-3250	3 x 250 A	0-277/480 VAC
LRE-3400	3 x 400 A	0-277/480 VAC
LRE-4030	4 x 30 A	0-277/480 VAC
LRE-4060	4 x 60 A	0-277/480 VAC
LRE-4100	4 x 100 A	0-277/480 VAC
LRE-4225	4 x 225 A	0-277/480 VAC
LRE-4250	4 x 250 A	0-277/480 VAC
LRE-4400	4 x 400 A	0-277/480 VAC

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Physical Specifications

Model	Case Height "A"	Case Width "B"	Case Depth "C"	Approx. Weight
LRE-2030	53.97 cm (21 in)	12.7 cm (5 in)	7.62 cm (3 in)	6.8 kg (20 lbs)
LRE-2060	81.28 cm (32 in)	22.86 cm (9 in)	15.24 cm (6 in)	27 kg (60 lbs)
LRE-2100	106.7 cm (42 in)	24.5 cm (10 in)	24.5 cm (10 in)	27 kg (60 lbs)
LRE-2225	152.4 cm (60 in)	30.48 cm (12 in)	35.56 cm (14 in)	41 kg (90 lbs)
LRE-2250	152.4 cm (60 in)	30.48 cm (12 in)	35.56 cm (14 in)	41 kg (90 lbs)
LRE-2400	152.4 cm (60 in)	30.48 cm (12 in)	35.56 cm (14 in)	45 kg (100 lbs)
LRE-3030	53.97 cm (21 in)	19.05 cm (7 in)	7.62 cm (3 in)	14 kg (30 lbs)
LRE-3060	81.28 cm (32 in)	34.29 cm (13 in)	15.24 cm (6 in)	32 kg (70 lbs)
LRE-3100	106.7 cm (42 in)	38.1 cm (15 in)	24.5 cm (10 in)	32 kg (70 lbs)
LRE-3225	152.4 cm (60 in)	60.96 cm (24 in)	25.4 cm (10 in)	45 kg (100 lbs)
LRE-3250	152.4 cm (60 in)	60.96 cm (24 in)	25.4 cm (10 in)	45 kg (100 lbs)
LRE-3400	152.4 cm (60 in)	60.96 cm (24 in)	25.4 cm (10 in)	50 kg (110 lbs)
LRE-4030	53.97 cm (21 in)	25.4 cm (10 in)	7.62 cm (3 in)	18 kg (40 lbs)
LRE-4060	81.28 cm (32 in)	45.72 cm (18 in)	15.24 cm (6 in)	36 kg (80 lbs)
LRE-4100	106.7 cm (42 in)	50.8 cm (20 in)	24.5 cm (10 in)	36 kg (80 lbs)
LRE-4225	152.4 cm (60 in)	60.96 cm (24 in)	25.4 cm (10 in)	50 kg (110 lbs)
LRE-4250	152.4 cm (60 in)	60.96 cm (24 in)	25.4 cm (10 in)	50 kg (110 lbs)
LRE-4400	152.4 cm (60 in)	60.96 cm (24 in)	25.4 cm (10 in)	54 kg (120 lbs)

NOTE: 400 Hz Filters available with suffix "-4". LRE-XXXX-4 Models are the same current rating, dimensions and weight as non 400 Hz counterpart.

*400 Hz Filters Voltage Rating is 125/208 VAC

