

## FILTERS Multiple Circuit Filters LRE Series

ETS-Lindgren's LRE Series Multiple Circuit Filters are designed for moderate filtering requirements.



ETS-Lindgren's LRE Series Multiple Circuit 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 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.

Power factor correction coils are recommended for 400 Hz filters 30A or higher.

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### Key Features

- High Performance: For Moderate Requirements
- Dual or Multiple Lines
- Maximum Voltage:
  - 0 to 60 Hz: 277V to GND; 480V Line to Line
  - 0 to 400Hz: 125V to GND; 208V Line to Line
- Frequency Range 150 kHz to 40 GHz
- Insertion Loss: 100 dB

### Specifications



## Electrical Specifications

Model	Stopband Insertion Loss	Rated Current Amps	Number of Circuits
LRE-2030	60 Hz	30	2
LRE-2050	60 Hz	50	2
LRE-2060	60 Hz	60	2
LRE-2075	60 Hz	75	2
LRE-2100	60 Hz	100	2
LRE-2150	60 Hz	150	2
LRE-2225	60 Hz	225	2
LRE-2250	60 Hz	250	2
LRE-2300	60 Hz	300	2
LRE-2400	60 Hz	400	2
LRE-3030	60 Hz	30	3
LRE-3050	60 Hz	50	3
LRE-3060	60 Hz	60	3
LRE-3075	60 Hz	75	3
LRE-3100	60 Hz	100	3
LRE-3150	60 Hz	150	3
LRE-3255	60 Hz	225	3
LRE-3250	60 Hz	250	3
LRE-3300	60 Hz	300	3
LRE-3400	60 Hz	400	3
LRE-4030	60 Hz	30	4
LRE-4050	60 Hz	50	4
LRE-4060	60 Hz	60	4
LRE-4075	60 Hz	75	4
LRE-4100	60 Hz	100	4
LRE-4150	60 Hz	150	4
LRE-4225	60 Hz	225	4

LRE-4300	60 Hz	300	4
LRE-4400	60 Hz	400	4
LRE-2030-4	400 Hz	30	2
LRE-2050-4	400 Hz	50	2
LRE-2060-4	400 Hz	60	2
LRE-2075-4	400 Hz	75	2
LRE-2100-4	400 Hz	100	2
LRE-2150-4	400 Hz	150	2
LRE-2225-4	400 Hz	225	2
LRE-2250-4	400 Hz	250	2
LRE-2300-4	400 Hz	300	2
LRE-2400-4	400 Hz	400	2
LRE-3030-4	400 Hz	30	3
LRE-3050-4	400 Hz	50	3
LRE-3060-4	400 Hz	60	3
LRE-3075-4	400 Hz	75	3
LRE-3100-4	400 Hz	100	3
LRE-3150-4	400 Hz	150	3
LRE-3225-4	400 Hz	225	3
LRE-3250-4	400 Hz	250	3
LRE-3300-4	400 Hz	300	3
LRE-3400-4	400 Hz	400	3
LRE-4030-4	400 Hz	30	4
LRE-4050-4	400 Hz	50	4
LRE-4060-4	400 Hz	60	4
LRE-4075-4	400 Hz	75	4
LRE-4150-4	400 Hz	150	4
LRE-4225-4	400 Hz	225	4
LRE-4250-4	400 Hz	250	4
LRE-4300-4	400 Hz	300	4

LRE-4400-4	400 Hz	400	4
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## Physical Specifications

Model	Dimensions
LRE-2030	53.97 cm x 12.7 cm x 762 cm (21.25 in x 5 in x 3 in)
LRE-2050	81.28 cm x 22.86 cm x 15.24 cm (32 in x 9 in x 6 in)
LRE-2060	81.28 cm x 22.86 cm x 15.24 cm (32 in x 9 in x 6 in)
LRE-2075	106.7 cm x 24.5 cm x 24.5 cm (42 in x 10 in x 10 in)
LRE-2100	106.7 cm x 24.5 cm x 24.5 cm (42 in x 10 in x 10 in)
LRE-2150	106.7 cm x 24.5 cm x 24.5 cm (42 in x 10 in x 10 in)
LRE-2225	152.4 cm x 30.48 cm x 35.56 cm (60 in x 12 in x 14 in)
LRE-2250	152.4 cm x 30.48 cm x 35.56 cm (60 in x 12 in x 14 in)
LRE-2300	152.4 cm x 30.48 cm x 35.56 cm (60 in x 12 in x 14 in)
LRE-2400	152.4 cm x 30.48 cm x 35.56 cm (60 in x 12 in x 14 in)
LRE-3030	53.97 cm x 19.05 cm x 7.62 cm (21.25 in x 7.5 in x 3 in)
LRE-3050	81.28 cm x 34.29 cm x 15.24 (32 in x 13.5 in x 6 in)
LRE-3060	81.28 cm x 34.29 cm x 15.24 (32 in x 13.5 in x 6 in)
LRE-3075	106.7 cm x 38.1 cm x 24.5 cm (42 in x 15 in x 10 in)
LRE-3100	106.7 cm x 38.1 cm x 24.5 cm (42 in x 15 in x 10 in)
LRE-3150	106.7 cm x 38.1 cm x 24.5 cm (42 in x 15 in x 10 in)
LRE-3255	Call Factory
LRE-3250	Call Factory

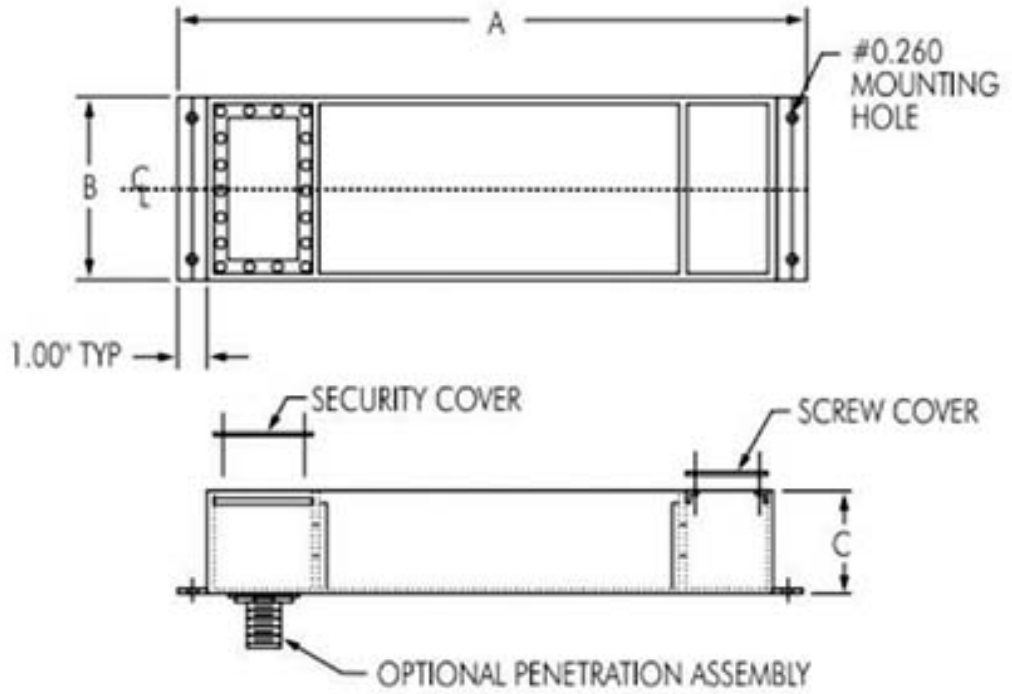
LRE-3300	Call Factory
LRE-3400	Call Factory
LRE-4030	53.97 cm x 25.4 cm x 762 cm (21.25 in x 10 in x 3 in)
LRE-4050	81.28 cm x 45.72cm x 15.24 cm (32 in x 18 in x 6 in)
LRE-4060	81.28 cm x 45.72cm x 15.24 cm (32 in x 18 in x 6 in)
LRE-4075	106.7 cm x 50.8 cm x 24.5 cm (42 in x 20 in x 10 in)
LRE-4100	106.7 cm x 50.8 cm x 24.5 cm (42 in x 20 in x 10 in)
LRE-4150	106.7 cm x 50.8 cm x 24.5 cm (42 in x 20 in x 10 in)
LRE-4225	152.4 cm x 60.96 cm x 25.4 cm (60 in x 24 in x 10 in)
LRE-4250	152.4 cm x 60.96 cm x 25.4 cm (60 in x 24 in x 10 in)
LRE-4300	152.4 cm x 60.96 cm x 25.4 cm (60 in x 24 in x 10 in)
LRE-4400	152.4 cm x 60.96 cm x 25.4 cm (60 in x 24 in x 10 in)
LRE-2030-4	53.98 cm x 12.7 cm x 7.62 (21.25 in x 5 in x 3 in)
LRE-2050-4	111.76 cm x 35.56 cm x 15.24 cm (44 in x 14 in x 6 in)
LRE-2060-4	111.76 cm x 35.56 cm x 15.24 cm (44 in x 14 in x 6 in)
LRE-2075-4	111.76 cm x 35.56 cm x 15.24 cm (44 in x 14 in x 6 in)
LRE-2100-4	Call Factory
LRE-2150-4	Call Factory
LRE-2225-4	152.4 cm x 30.48 cm x 35.56 cm (60 in x 12 in x 14 in)
LRE-2250-4	152.4 cm x 30.48 cm x 35.56 cm (60 in x 12 in x 14 in)

LRE-2400-4	Call Factory
LRE-3030-4	53.98 cm x 19.05 cm x 7.62 (21.25 in x 7.5 in x 3 in)
LRE-3050-4	Call Factory
LRE-3060-4	111.76 cm x 53.34 cm x 15.24 cm (44 in x 21 in x 6 in)
LRE-3075-4	Call Factory
LRE-3100-4	Call Factory
LRE-3150-4	Call Factory
LRE-3225-4	Call Factory
LRE-3250-4	Call Factory
LRE-3300-4	Call Factory
LRE-3400-4	Call Factory
LRE-4030-4	53.98 cm x 25.4 cm x 7.62 (21.25 in x 10 in x 3 in)
LRE-4050-4	111.76 cm x 71.12 cm x 15.24 cm (44 in x 28 in x 6 in)
LRE-4060-4	111.76 cm x 71.12 cm x 15.24 cm (44 in x 28 in x 6 in)
LRE-4075-4	111.76 cm x 71.12 cm x 15.24 cm (44 in x 28 in x 6 in)
LRE-4100-4	111.76 cm x 71.12 cm x 15.24 cm (44 in x 28 in x 6 in)
LRE-4150-4	111.76 cm x 71.12 cm x 15.24 cm (44 in x 28 in x 6 in)
LRE-4225-4	Call Factory
LRE-4250-4	Call Factory
LRE-4300-4	Call Factory
LRE-4400-4	Call Factory



Product Charts

**LRE Series  
Filter Style 2**



1. PENETRATION ASSEMBLY IS OPTIONAL AND MUST BE SPECIFIED WHEN REQUIRED.
2. GROUNDING STUD PROVIDED INSIDE INPUT AND OUTPUT WIRING COMPARTMENTS.
3. ADDITIONAL MOUNTING HOLES PROVIDED IN MOUNTING FLANGE ON 3 AND 4 LINE FILTERS.