

# WE BUILD

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# SINGLE-PHASE EMI FILTER SOLUTIONS

Astrodyne TDI provides a full selection of standard **Single-Phase EMI filters** ranging from 1A to 200A. Single-phase filters are available in varying leakage current versions with multiple lines of standard products to meet general purpose, as well as medical and military requirements. Our team will modify these standard products as needed to meet your unique application needs.

**Single-phase EMI Filters** suppress the electromagnetic noise generated by a wide range of appliances and equipment. With the help of our experienced team and comprehensive product line, you can be assured of finding the perfect EMI filter solution for your application.

## CUSTOM SOLUTIONS

*If you can't find what you're looking for in our catalog, we also offer fully custom products for many industries and applications.*

*Custom solutions are designed to meet your exact specifications and provide compliance to both industry standards and international EMI regulations. Contact Astrodyne TDI for more information.*



## APPLICATIONS OF SINGLE-PHASE FILTERS

- ✓ Exercise Equipment
- ✓ Food Service Equipment
- ✓ PWM Circuits
- ✓ Home Appliances
- ✓ Power Supplies
- ✓ Induction Cooking Equipment
- ✓ Motor Controllers
- ✓ Industrial Lighting
- ✓ Microwave Ovens
- ✓ Gaming Machines
- ✓ Medical Equipment
- ✓ HVAC
- ✓ Ultrasonic Cleaners

## FEATURES

- Thousands of agency certified standard products
- Free Pre-Compliance Testing
- Unmatched engineering support
- Top-quality solutions designed to the highest safety and reliability standards

# SINGLE-PHASE EMI FILTER SERIES

FILTER SERIES	DESCRIPTION	CURRENT RATINGS
DSC1000-1 DSC1000-3 DSC1000-4	High Performance Dual Stage Power Line Filters	16A
DSC1000-5	High Performance Single Stage Power Line Filters	16A
DSC2000	High Performance Dual Stage Power Line Filters	20A
LCR055	High Differential Mode Performance Single Phase EMI Filters	3A - 20A
LCR090	Single Phase Single Stage General Purpose EMI Filters	1A - 40A
LCR091	High Performance Single Phase Single Stage General Purpose EMI Filters	1A - 40A
LCR0913	High Voltage Single Phase Single Stage EMI Filters	1A - 40A
LCR092/21	High Performance Single Phase Dual Stage EMI Filters	1A - 30A
LCR092/23	High Performance Single Phase Dual Stage EMI Filters	4A - 20A
LCR0923	High Voltage Single Phase Dual Stage EMI Filters	1A - 30A
RP100	Compact Single Stage Power Line Filters	3A - 10A
RP105 RP115	Compact Single Stage Power Line Filters	3A - 20A
RP110	Compact Single Stage Power Line Filters	3A - 30A
RP120	Medium - High Performance Single Stage Power Line Filters	10A - 50A
RP125	High Performance Single Stage Power Line Filters	30A - 80A
RP130	High Performance Single Stage Power Line Filters	3A - 40A
RP135	High Performance Single Stage Power Line Filters	1A - 200A
RP210	Compact Dual Stage Power Line Filters	3A - 16A
RP2180	Ultra Compact Single Stage Power Line Filters	1A - 10A
RP220	High Performance Dual Stage Power Line Filters	6A - 20A
RP225	High Performance Dual Stage Power Line Filters	3A - 20A
RP230	High Performance Dual Stage Power Line Filters	3.5A - 40A
RP240	High Performance Dual Stage Power Line Filters	6A - 150A
RP500	EMI/Harmonics Dual Stage Power Line Filters	10A
RPC1199	Single Stage, GND Choke Power Line Filters	20A - 30A

General specifications: 120/250/300 VAC, ambient rating 40° C/50° C, 50/60 Hz operation. Consult individual datasheet for details and specific agency approvals.



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