MIRUS International Inc.

The Lineator™

Advanced Universal Harmonic Filter

Proven Performance. Trusted Around the World.

THE ORIGINAL HARMONIC FILTER SOLUTION

Originally developed to address VFD harmonics across a variety of industries, the Lineator passive harmonic filter was the first of its kind. Today, the Lineator remains a symbol of our commitment to solving the harmonic challenges in modern power systems.

Mirus delivers innovative and reliable solutions for the most unique power quality problems, staying at the forefront of industry knowledge and expertise.

WHY CHOOSE THE LINEATOR?

- IEEE Std 519 compliance guaranteed
- Easy to install, configure and maintain
- Improved power system reliability
- Reduced energy use and overall operating costs
- Generator compatible

ABOUT MIRUS

- Products built for real-world conditions
- Iron-clad performance guarantee
- Best-in-class warranty
- Over 100,000 units in service
- Fully customizable solutions available

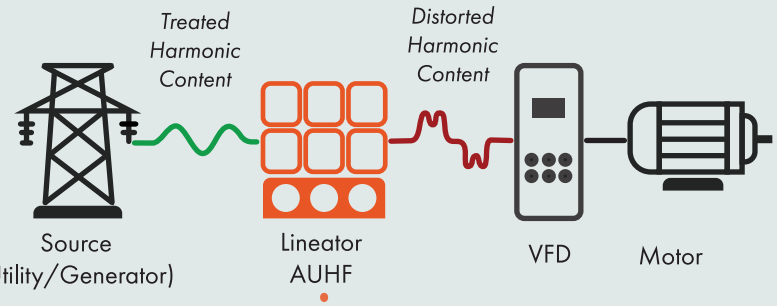
APPLICATIONS

Data Centres | Marine | HVAC | Oil & Gas | Agriculture | Water & Wastewater

1-888-TO MIRUS | www.mirusinternational.com

THE KEY TO A HEALTHY POWER SYSTEM

Mitigate the negative effects of harmonics, improve the power quality and efficiency of your electrical distribution system, and ensure compliance with international standards.



A LINEATOR FOR ANY APPLICATION

AUHF
Standard Duty

Cost-effective and designed to handle all common harmonic frequencies generated by VFDs and similar 3-phase, 6-pulse rectifier loads.

AUHF HP
High Performance

When the highest power quality demands must be met and energy efficiency is critical.

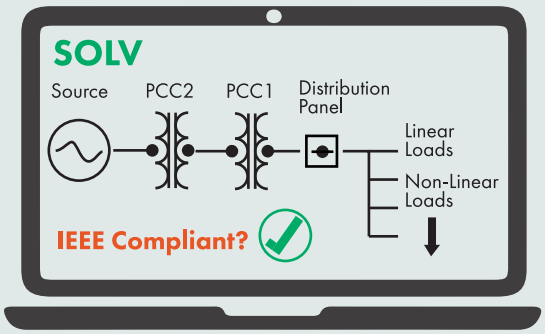
AUHF HP2
High Performance (EC Fans/Motors)

For applications with low DC bus capacitance, where most passive and active filters are ineffective.

AUHF ED
Extreme Duty

For high levels of grid voltage distortion (≤ 18% VTHD), high ambient temperatures (≤ 55°C), and high altitudes.

ANALYZE THE DETAILS



Mirus' SOLV™ harmonic simulation software let's you quickly and accurately model your entire power system.

By inputting source and load conditions, SOLV calculates the voltage and current distortion levels in your system and generates comprehensive IEEE Std 519 compliance reports.

Contact Mirus for complete sizing and pricing options.

SPECIFICATIONS

Power (HP/KW)	≤ 4500/3350
Current (A)	≤ 5000
Voltage (VAC)	Standard voltages up to 690
Frequency (Hz)	50/60
Cooling	Convection air cooled; Liquid cooled
Enclosure	Open (no enclosure); NEMA 3R; Contact factory for custom options
Options	DNV or Lloyds certification; Contactor; Temp. switches; Tin plating; Coordinated surge protection; InSight™ power meter

For full specifications see the Lineator AUHF technical data sheet.