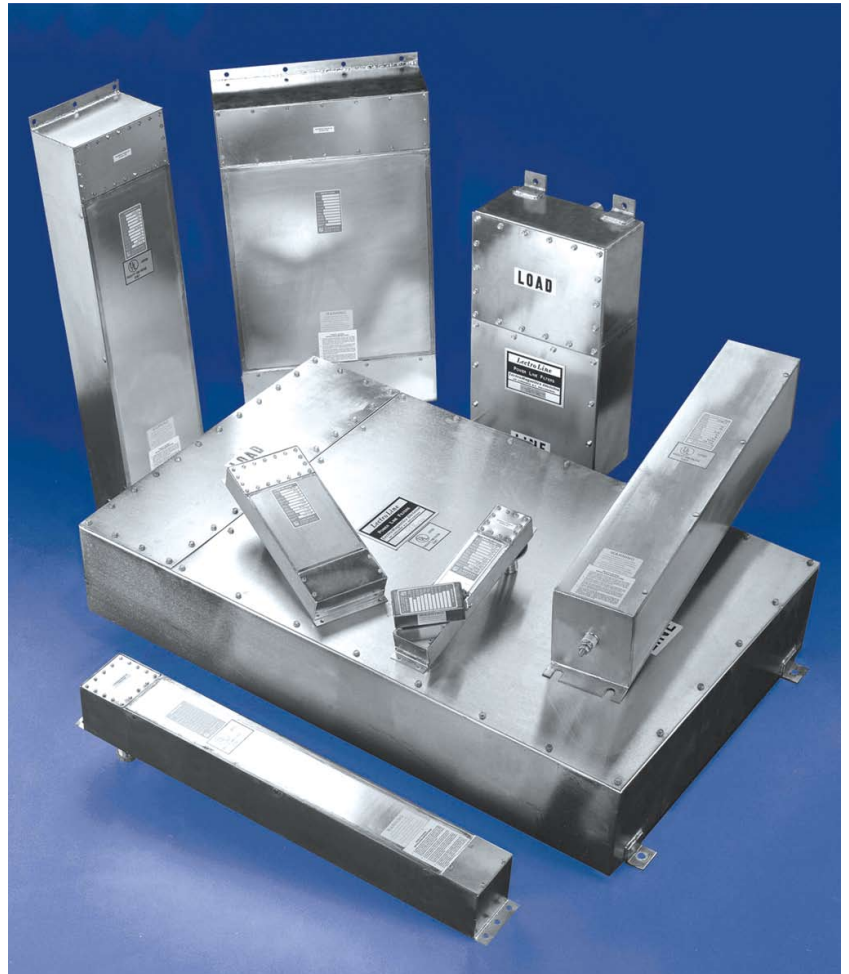
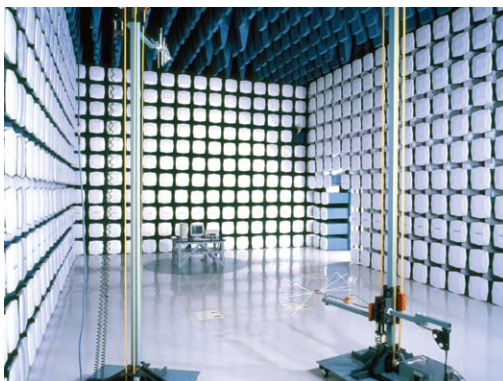
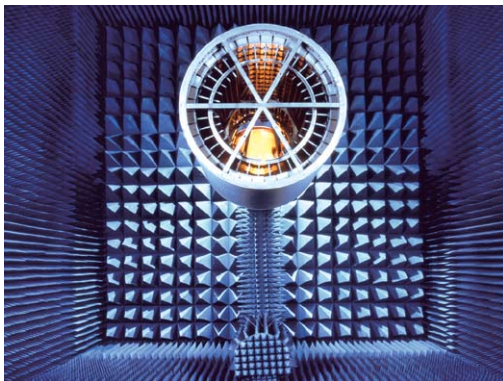


Powerline, Communication & Signal Line
Filter Capabilities



Enabling Your Success™

 **ETS-LINDGREN™**
An ESCO Technologies Company

Filter Design

Feature

We use multiple high quality feed-through capacitors.

Benefit

Assures maximum transient handling, high frequency performance, and eliminates RF leaks between internal filter compartments.

Capacitors are rated for twice the specified operating voltage.

Improved reliability, longevity and safety of our filters.

Our filters operate with low power loss and temperature rise.

Allows our filters to run cooler and extends operating life.

Filter cases have continuously welded seams.

Reduces RF leaks that can cause RF interference.

Manufacturing

Feature

Both of our manufacturing facilities are ISO 9000-2008 accredited.

Benefit

To meet the requirements of accreditation, each of our procedures and work instructions are documented, which eliminates variations and improves the quality of our filters.

Testing

Feature

Both of our manufacturing facilities inspect and test our filters to the standards applicable for their respective countries and intended use. For example, U.S. manufactured filters may be tested to MIL-STD 220, MIL-F-15733, and UL-1283 standards. U.K. manufactured filters may be tested to MIL-STD 220 and BS 613 standards.

Benefit

Rigorous testing to published standards assures that our filters will perform as specified.

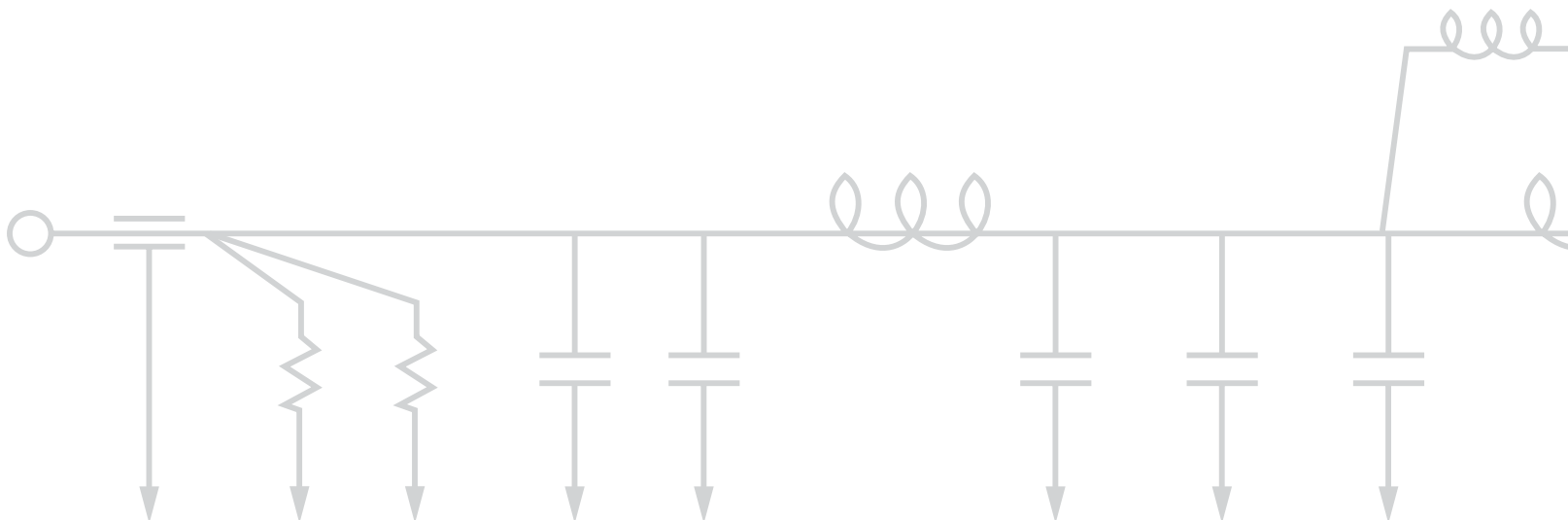
Support

Feature

Both of our filter manufacturing facilities are staffed with filter experts; engineers and technicians with years of filter design and manufacturing expertise. In addition, we employ more than 750 direct employees in locations around the world.

Benefit

ETS-Lindgren is a company with a global presence and local support, employing best practices, and staffed by knowledgeable professionals to help you.



Power Line Filters

Please ask us about our range of Power Line Filters covering virtually all EMI filtering, EMP, HEMP and transient protection applications. In many cases these filters can be used in parallel for higher current ratings without loss of attenuation. For very high performance government TEMPEST applications, our filters provide an insertion loss of greater than 100dB from 10 kHz/ 14 kHz to 10 GHz and above, depending on the specific requirement.

Control Filters

Our wide variety of Fire Alarm and Control Filters can be used for Control and Alarm Systems, Fire Detectors, Electronic Monitors and Instruments. Filters are available for both AC and DC applications with current ratings up to 10A.

EMC/EMI Filters

In addition to a complete range of EMI filters, we offer consulting services covering all aspects of EMC compliance and filter design.

MRI Filters

We manufacture filters specifically designed for the MRI and medical market. Our filters meet the stringent current leakage limits and insertion loss requirements for this application.

Equipment Filters & Capacitors

We offer a wide range of Equipment Filters and Capacitors for maximum protection against transients and the suppression of equipment generated noise.

Telephone & Data Filters

For maximum flexibility and convenience our Telephone, Data and Control Filters are designed to be mutually interchangeable. Ten line modules slot directly into the housing, allowing the user to 'mix and match' to suit any particular requirement. Filtering is provided for 50, 100 or 200 lines (or even more) in multiples of ten. This modular approach is ideal for installations where future expansion is expected.

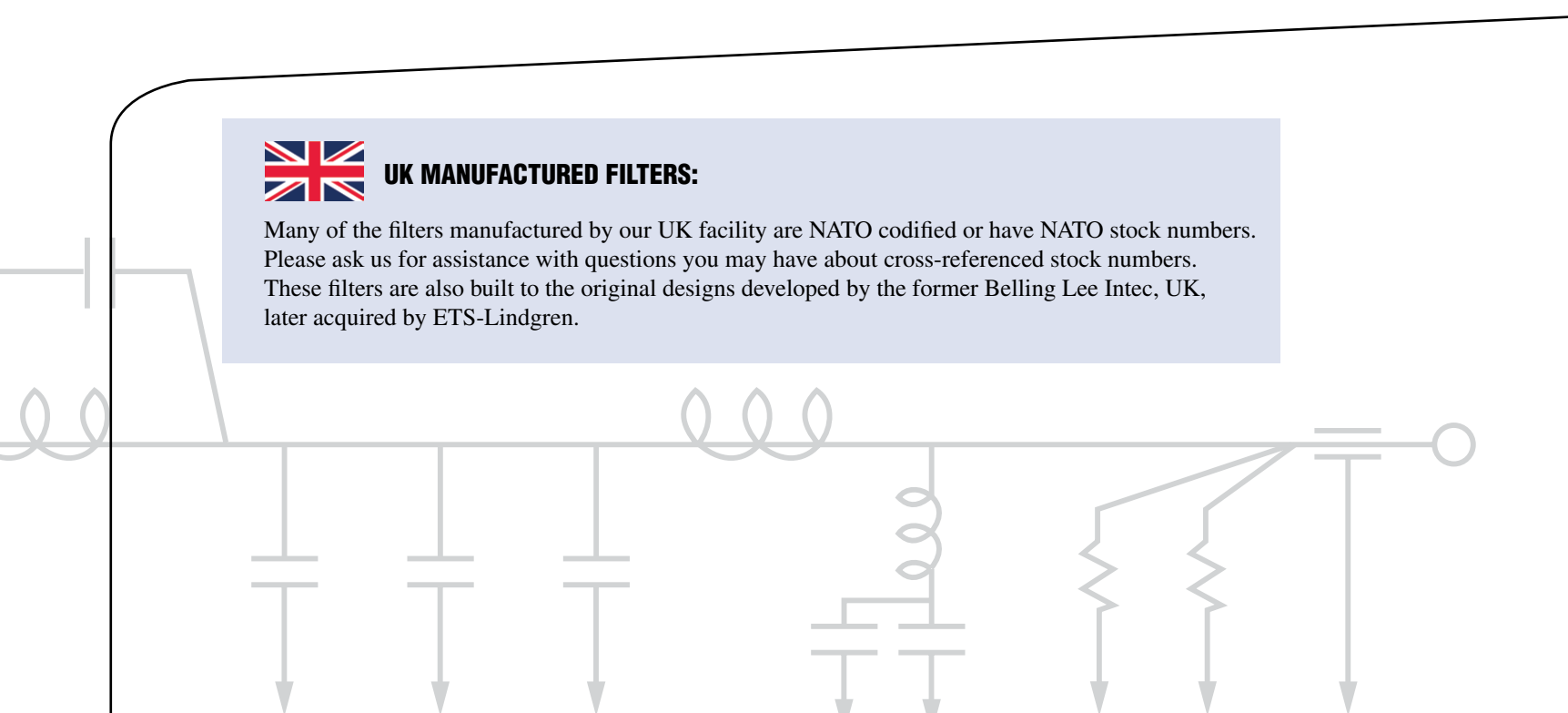
Custom Filters

ETS-Lindgren has the in-house engineering and manufacturing resources to design and build filters for almost any requirement. For some applications, our standard filter designs can be provided in custom-sized cases or panels to meet special installation requirements.



UK MANUFACTURED FILTERS:

Many of the filters manufactured by our UK facility are NATO codified or have NATO stock numbers. Please ask us for assistance with questions you may have about cross-referenced stock numbers. These filters are also built to the original designs developed by the former Belling Lee Intec, UK, later acquired by ETS-Lindgren.





U.K. filter manufacturing facility.



U.S. filter manufacturing facility.

Our company began in 1995 when industry leaders EMCO, Rantec, and Ray Proof combined their resources to form EMC Test Systems. A European presence was established in 1997 with the purchase of Euroshield Oy. In 2000, Lindgren RF Enclosures was acquired and our name was changed to ETS-Lindgren. The acquisition added important filter capability through Lindgren's ownership of two leading filter manufacturers, Elmag in the U.S., and Belling Lee Intec in the U.K. The legacy of these pioneering companies dates back to 1922, and is the foundation of our modern filter business. Today, the design, engineering and manufacturing of our filters is performed at our locations in Cedar Park, Texas, U.S. and Stevenage, U.K. Both facilities are ISO 9000-2008 accredited. Both facilities can supply modular off-the-shelf designs or create custom-built solutions. We can also provide expert technical consultancy, on-site testing, and after-sale support. Whether you need a single line device or a complex multi-line filter, we can supply your needs.

Enabling Your Success™



www.ets-lindgren.com/filters

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