

PRESS RELEASE

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New Energy Efficient, High Pressure Centrifugal Fan Range From Torin-Sifan

New fans enable a wider performance-envelope for air-movement installations

UK-based Torin-Sifan has extended its popular range of innovative Forward Curved Centrifugal Fans, powered by its latest generation EC motor platform. A leading manufacturer and supplier of direct drive centrifugal fans to the UK and European HVAC industry, Torin-Sifan's new energy efficient, high-pressure EC Direct Drive Centrifugal Fans (ECDDC-HP) are not only compliant with the European Energy Related Products (ErP) Directive for 2015, but also exceed its required Fan Motor Efficiency Grades (FMEGs) by nearly 40%.

Torin-Sifan's new fans significantly outperform the January 2015 ErP Regulations' minimum efficiency levels, with the ECDDC-HP range boasting FMEGs of up to 60, compared to a requirement of 44. In addition, the high efficiency EC motor used in this range offers significant energy savings when compared to a traditional AC motor through the infinite speed control that is possible with EC motors, without any loss in fan efficiency.



Ideal for a wide range of high-performance applications including ventilation units, air handling units, heat recovery systems, air curtains, cooling equipment and unit/cabinet heating. The ECDDC-HP fans also have the added advantage of being suitable for retrofit as direct replacements for Torin-Sifan's traditional AC Forward Curved range across many OEM HVAC systems. Building owners will benefit from the lower running costs of EC products, without the high capital investment costs or installation inconvenience of a full replacement system and OEMs are ensured of minimal design disruption.

For both retrofit and new OEM development alike, the new ECDDC-HP range provides the increased pressure performance that upgraded high-specification, high-performance filters require.

"We pride ourselves in our continuous design and development in-line with both customer needs and legislation. By creating the high-pressure version as an extension to our existing ECDDC range, we are providing a means for our customers to deliver innovative applications, in a number of ways, working with a wider air-movement envelope, whilst meeting all current European ErP Directive targets," says Paul Kilburn, Managing Director, Torin-Sifan

Designed for continuous operation in a temperature range of -20 °C +40 °C, the ECDDC-HP fans are low-noise for quiet operation. Available in all of Torin-Sifan's generic fan sizes, starting at 201-178 (7/7) through to 321-321 (12/12), the ECDDC-HP fans are also offered as customer or application specific fully customised solutions.

Featuring a fan case and impeller manufactured from corrosion resistant galvanised steel, the ECDDC-HP fans are also robust and reliable, benefitting from an F-class motor with maintenance-free ball bearings. Meanwhile, built-in Tacho Output signal capability provides easy monitoring of fan speed. This enables the user to monitor whether the fan is running, with alarm systems that can be linked into a Building Management System (BMS) on larger systems to support maintenance control. Additionally, the fans benefit from a range of accessories that can be factory fitted, including outlet flanges, mounting feet and cubic frames. Painted finishes are also available on request.

For further information on all products and services offered by Torin-Sifan Tel: +44 (0) 1793 524291 or visit www.torin-sifan.com

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Notes for Editors

- Torin-Sifan Ltd. is a leading designer, developer and manufacturer of highly efficient AC and EC motors, fans and blower products for the residential and commercial HVAC construction product market throughout Europe.
- Torin-Sifan sells over 1 million products each year and operates from two production sites, located in Swindon, UK:

- **Head Office:** as well as design and development, here the company manufactures AC motor based technology products
- **New purpose built EC Manufacturing and Technology Centre:** here Torin-Sifan manufactures its most efficient, high technology products.
- Torin-Sifan has celebrated over 50 years of successful trading in the UK.

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