

Press Release

Gerlingen, May 2023

New high-efficiency DLK *Next* air cooler with increased, field-proven versatility from Roller

With this further development of the popular DLK series, Roller completes its range of ceiling-mounted air coolers with PS 80 bar operating pressure and expands its performance range of optimized evaporators with reduced tube volume for CO₂ applications.

The new air cooler series is characterized in particular by its increased installation flexibility. Among other things, attention was paid to an easy-to-install aluminum housing with practical and generously dimensioned cutout options to meet the diverse requirements of installation engineering. This is complemented by flush ceiling suspension brackets made of stainless steel.

For complex cooling tasks and careful air conditioning of sensitive refrigerated goods, the evaporator blocks are available with 4 and now 6 rows of tubes in depth, which is accompanied by correspondingly large heat exchanger surfaces and thus lower dehumidification. For deep-freeze applications, the units are offered in T-design with electric defrosting systems in block and tray.

The DLK *Next* is also available for CO₂ applications up to PS 80bar with an optimized pipe system and reduced pipe volume. In addition, the air cooler is available for use with water and brine.

For easy connection to the refrigeration system and fast and uncomplicated start-up on site, the DLK *Next* offers a pre-installed electronic expansion valve with precise superheat control, regardless of the refrigerant used. And that for 40 pre-parameterized refrigerants, incl. CO₂!

In order to meet the increasing requirements for ceiling-mounted air coolers for commercial refrigeration today, the DLK *Next* covers a performance range of up to 14kW cooling capacity. The new DLK *Next* is equipped with 1 to 4 high-efficiency EC fans as standard and will replace the DLK/T...EP (Euroline Plus) in the future.

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About Walter Roller:

Walter Roller GmbH & Co. is an internationally operating family-owned company in the refrigeration and air conditioning industry. At the head office in Gerlingen near Stuttgart Walter Roller stands for over 75 years for the development, production and the selling of high-quality heat exchanger products in the premium segment. Examples of the highly efficient solutions for heating, cooling and ventilation are applications in commercial and industrial refrigeration, air conditioning and process cooling where customized products are of high importance.

Via trade and service partners Walter Roller is present in over 30 countries worldwide. The products which are developed in Germany are as well produced in Bangkok for the Asian market. The company is led by the acting partner Joachim Reule and managing director Wolfgang Krenn.

Press contact:

Walter Roller GmbH & Co.
Bernd Oehlerking / Marketing Manager
Tel.: +49 (0) 7156 200 117
E-Mail: bernd.oehlerking@walterroller.de
Web: www.walterroller.de

Walter Roller GmbH & Co.
Lindenstr. 27- 31
70839 Gerlingen
Germany
Tel: +49 (0) 7156 2001-0
Mail: info@walterroller.de
Web: www.walterroller.de

Managing Directors: Joachim Reule, Wolfgang Krenn

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Illustration 1:

The new DLK *Next* from Roller with increased installation flexibility

