

Heating systems: Significant performance, even in small spaces

The EuroAirport Basel/Mulhouse is the best developed airport on the upper Rhine. In order to significantly lower the running costs, the heating system for the cargo and maintenance terminal needed to be brought up to date. The equipment manufacturer Cofely, which was commissioned to carry this out, decided in favour of a new heating system from two of the most modern gas condensing boilers from ELCO's R600 series.

In addition to the excellent performance data, the R600 boilers also benefit from their compact design and a high degree of flexibility. Given the little space available, they were the optimal solution. Another advantage lies in the fact that they are easy to break down and re-install at another location in the event of any structural alterations. Both the equipment manufacturer and the plan-



ning office and operator are very pleased with the expert support they have received from ELCO, from the planning to the realisation and service.

Customer

EuroAirport Basel/Mulhouse
Postfach 142
CH-4030 Basel

Planning

INOTEC
1 Rue des Merles
F-68280 Andolsheim

Installation

COFELY ZI d'Argiesans
F-90800 Bavilliers

BENEFITS

Efficiency

- Normal supply level 110.4 %
- Consistently high efficiency
- Convincing modulation ratio (1:7)

Convenience

- Top installation safety using pre-assembled system kits
- Easy assembly
- Plug & Play principle

- Boilers can be dismantled in the case of difficult placement

Savings

- Very little space required
- Low weight and easy assembly
- Maintenance and service-friendly

Renovation: EuroAirport Basel/Mulhouse

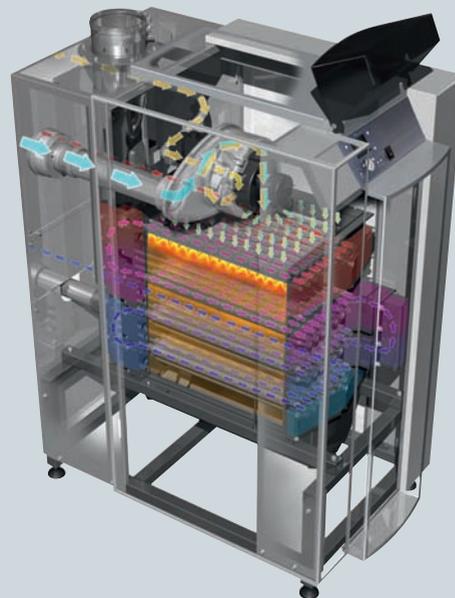
Convincing performance, flexible assembly

The new system

The R600, the new generation of gas condensing boilers, was developed by ELCO especially for greater performance requirements in commerce, industry and municipal housing. In addition to the easy and safe handling, this series also always takes individual mounting conditions into account. The R600 boilers are not only easy to assemble, but they also deliver significant output in an efficient system. Up to eight boilers and 15 mixer circuits can be synchronised, thereby generating up to 4,500 kW. Pre-assembled system kits hydraulic separators and plate heat exchangers enable the boilers to be connected in accordance with the Plug & Play principle and make them particularly easy to plan and install. A weather-based electronic control reliably monitors all functions. All settings can be retrieved or changed using a digital display window.

The benefits of the R600 gas condensing boiler

Costs are reduced via energy savings: Renovation using modern R600 gas condensing boilers enables up to 35 % energy savings compared to conventional systems. Thanks to their outstanding heat transfer, the normal supply level is 110.4 %. The R600 series is particularly maintenance and service-friendly and works efficiently and with little pollutants. Heat exchangers made from stainless steel and the patented combustion engineering provide for consistently high efficiency and minimal erosion.



Equipment	New System
Gas condensing boiler	Two R603
Normal supply level	110.4 %
Nominal heat output	2 x 45.1 - 251 kW
Dimensions (W x H x D)	1,500 x 670 x 1,585 mm
Weight (empty)	400 kg

EuroAirport Basel/Mulhouse

The extraordinarily favourable location in the heart of Western Europe and at the centre of three strong economic regions (Alsace, north-western Switzerland and Baden-Württemberg) makes the EuroAirport a heavily frequented hub. 20 different airlines fight for the daily route offering of roughly 70 flights. Whether it be Paris, London or Berlin – EuroAirport's route network includes 62 airports in approximately 30 different countries, with direct flights at least once a day.

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