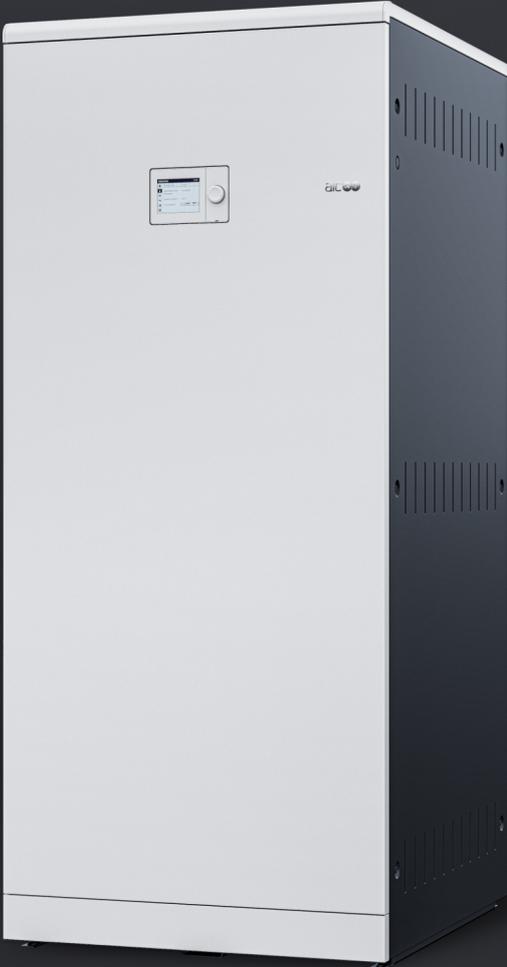




Banieczka S.A.

Carwash Banieczka

Automated car wash



Installation Reference

Customer:

Banieczka S.A.

Myjnia Banieczka, 40-143 Katowice,
ul. Gnieźnińska



Car wash manufacturer:

Euro-Ekol Myjnie bezdotykowe



History of the facility:

The Banieczka car wash is the latest investment of the car wash chain of the same name. Created in cooperation with Euro-Ekol - a leading manufacturer of contactless car washes.

Project outline:

This latest build has three separate car wash shelters. A large amount of hot water is vital for the effective running of any car washing facility, and the Banieczka S.A. installation has the additional requirement of a heating circuit to heat the floor plate simultaneously, especially in the winter season. Due to the open nature of the shelters, there is limited space available for the boiler plantroom. The **CoilMaster** design overcomes the space limitations and supplies ample heating and hot water to the site.

Thanks to its construction and clever use of geometry, the **CoilMaster** is able to deliver consistently high domestic hot water volumes without the need to store water. Like the Euro Ekol shelters, the **CoilMaster** condensing boilers are made of stainless steel, which ensures the longevity of the products as well as resistance to the impacts and pressure peaks that are inevitable in such an environment.



Product Specified:

CoilMaster

CoilMaster 35 kW

Detailed description of the installation:

Easily dismantled boiler housing provides quick access to the interior components, facilitating boiler installation and future maintenance.

Thanks to the large delivery of domestic hot water (3.270 l / h), CoilMaster is perfect for places where both heating and hot water is required. Its compact size will allow it to easily pass through standard doorways, and can fit where there is limited space, e.g. in car washes or small boiler rooms.

The CoilMaster does not start at low power consumption, and is also resistant to any pressure surges - which safeguards the heat exchanger and ensures a longer life of the boiler. The internal control system makes it possible to adjust the device start-ups depending on the installation demand and specification.

Exchanger Coil Fire Tube fully stainless steel

High DHW production:

3270 l/h

Thermal efficiency in DHW mode :

108%

Modulation ratio up to:

10:1

Nox class:

6



CoilMaster

CoilMaster is a series of twin condensing combination boilers that provide heat and large amounts of hot water from one device.

Designed for optimal heating performance and efficiency with a substantial domestic hot water circuit, all models have a flue gas-water exchanger and hydraulic connections constructed of stainless steel.



All **CoilMaster** boilers are equipped with an advanced weather compensation controller that commands the device parameters. It is intuitive to use and has many configuration options.



Specification		CM 35	CM 45	CM 60	CM 70	CM 80	CM 100	CM 120
heat input (net) G20/G25	kW	5,0 - 34,9	5,0 - 45,0	9,5 - 57,5	9,5 - 69,9	9,5 - 80,0	12,5 - 99,0	12,5 - 115,0
heat output at 80/60°C G20	kW	4,9 - 34,0	4,9 - 43,9	9,2 - 55,9	9,2 - 68,2	9,2 - 77,8	12,1 - 97,2	12,1 - 112,9
heat output at 50/30°C G20	kW	5,4 - 37,6	5,4 - 48,4	10,3 - 61,6	10,3 - 74,9	10,3 - 85,9	13,4 - 106,9	13,4 - 124,2
useful efficiency at 30% (return 30°C)	%	108.3	108.5	108.2	108.0	108.4	108.2	108.2
Nox class		6	6	6	6	6	6	6
boiler width	mm	602	602	632	632	632	698	698
boiler height	mm	1604	1604	1446	1446	1446	1650	1650
boiler depth	mm	641	641	774	774	774	801	801
dry weight	kg	180	180	200	200	200	285	285

All images, descriptions, illustrations and technical information provided in this document have been carefully formulated and prepared, however we reserve the right to make alterations and improvements in our products which may affect the accuracy of the information in this brochure. AIC UK do not accept any liability for errors or omissions within and reserve the right to change technical specification and components without prior notice.

AIC Heating UK Ltd
Unit 16 Belleknowes Ind Estate
Inverkeithing, Fife, KY11 1HZ

T: 0300 3034169
E: sales@myaic.co.uk
www.myaic.co.uk

