

August 2022[View this email in your browser](#)

NEW REFERENCE VÚMZ

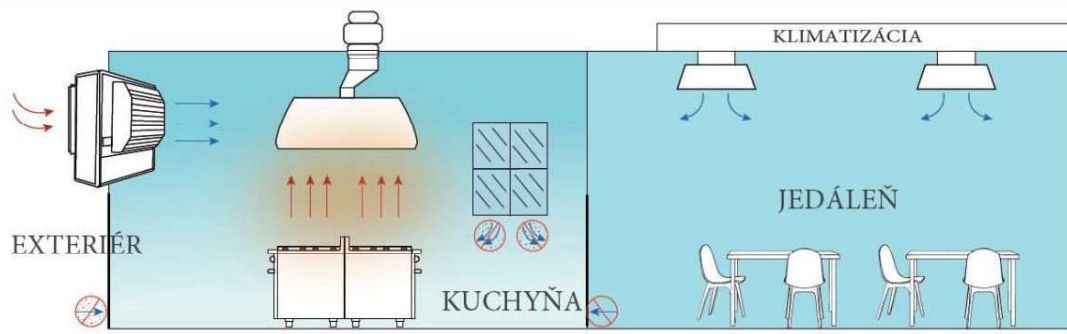
Do you know which customer will come back to buy again? Only the satisfied one. The customer is satisfied when his expectations are fulfilled. Also this summer season, the engineering company VÚMZ from the village of Černík pri Nitre approached us to solve their problem with heat. This time in the hall used for welding metal structures. In 2021 they purchased the first unit for the hall for assembly and finalization of products and it proved to be an effective way of cooling the production premises. This year they approached us again. Adiabatic cooling has countless advantages, including the fact that it cleans, cools and humidifies the space in the hall, creating an acceptable working environment for employees. Are you and your business troubled by a problem with heat? Do not hesitate to contact us and we will find an affordable solution for you as well.



NEW PRODUCT ADRIAN-AIR EV KITCHEN 5.0

Check out our new specially designed [evaporative cooler for kitchens](#) and gastro premises. Its compact construction is suitable for typical gastro premises for easy installation, minimum space occupancy and maximum cooling effect. With airflow capacity 5000 m³/h and 5 different speeds of rotation you can get maximum 12 kW of cooling with only 0,45 kWh electric consumption. Intake of fresh oxygenated air from the outside provides necessary air exchange. Cooled air pushes out of the premises vapours and odours through opened windows and doors. It performs ideally when combined with high-capacity extractors. These premises normally suffer with high temperatures and humidity. Adiabatic cooling will make it more comfortable for staff inside. Filtration EU-4 means lower NO, NO_x and other pollutant emissions and it decreases the

costs.



Every summer ADRIAN GROUP offers variety of evaporative coolers - [ADRIAN AIR EV](#). Do you know how to use it in the most efficient way? We offer customized solutions for various premises such as production, industry, logistics, cultural and sport buildings, catering and gastro or even your terrace. You will be one of many happy customers benefiting from low operation costs and benefits of natural cooling. The best performance is achieved when the cooler intakes 100 % fresh air from outside and when it is placed or it blows its cooled air into well ventilated premises. In order to secure sufficient ventilation, try to open all doors or windows. If it proves to be insufficient, forced ventilation is needed. Besides necessary air exchange it will help to draw cooled air around your space. Running adiabatic cooling in closed or badly ventilated buildings will result in lower cooling effect, higher humidity and feeling of stiff air. Running adiabatic cooling in rainy conditions will also bring more humidity than cooling. However, with the rain the temperature drops naturally in and out. If necessary, operate your adiabatic cooler only in ventilation mode to benefit from colder air outside. Following these basic steps make a difference between good and great experience. Take for example wedding in a hall. We had just married couple who were very grateful for saving the event with the cooling due to extremely high temperatures outside. And the next week another wedding where the manager of catering company said he had to turn the adiabatic cooling down after few hours. Guess who followed the instructions better. Take advantage of our professional consultants and follow their advice and you will get the best possible result with top energy solutions.





WHAT IS NEW WITH ADRIAN-AIR ERP?

The main advantage and construction difference between standard [ADRIAN-AIR](#) units and new innovated ERP range is the possibility to set not only gas pressure and its flow on burner nozzles however we are able to adjust pressure and the flow of air in combustion process. Now we have full control over combustion and emissions in order to regulate power and meet legislation requirements. Technician is able to modify working parameters of the heater for operation in premises where standard mode and setting will not prove the most efficient. With the new set up and construction, it is possible to take all necessary steps to secure smooth operation for example with low gas pressure on the inlet or affected draw of combustion ventilator. Even if the conditions are not as perfect as it should be, we are able to set the unit into safe and functioning operation.

Another great advantage is the ability to set your differential manostat according to the length of the chimney. With the non-ERP units, the technical manual stated maximum chimney dimensions and there was nothing to do about it. Using for example standard ADRIAN-AIR AX units in buildings with the height of 12 – 14 m and leading the gas exhaust above the level of the roof could result in difficulties with functioning. With new ERP heaters we are able to set power of the combustion fan and parameters of manostat.

New hot air gas fired heaters meet all requirements of ERP norms. They offer simple diagnostics of malfunction or non-standard events. Digital control box is able to communicate and read status or history of almost all components inside the unit. User friendly display shows all necessary data.

ERP concept pushed emissions value of NO_x below 69 mg/kWh. Innovated combustion process offers efficiency at 95 % and seasonal efficiency is 78 %.

Shall you have any questions regarding setting or diagnostics of gas fired hot air heaters do not hesitate to contact our chief technician Ing. Michal Tvrdon (tvrdon@adrian.sk, 00421 948 977 133).



INVITATION TO AGROKOMPLEX 2022

Dear customers and partners. We would like to welcome you to 47th annual agricultural and gastro fair [AGROKOMPLEX](#) in Nitra, Slovakia. It will take place between in August 18th and 21st 2022 and we will be there with specialized presentation of products and solutions for agro sector. We will introduce energy solutions for heating, cooling and ventilation. If you want to learn more about advantages and benefits of new technologies combined with SMART control systems, come and visit us in Hall M3 at stand no. 27.



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COME AND SEE US IN PLOVDIV

Hello everyone! We are happy to announce that ADRIAN GROUP together with SARIO agency will be presented at [International technical fair in Plovdiv 2022](#) in Bulgaria. Come and see us between September **19th** and **24th** **2022**. This exhibition has long history and tradition in territory of Balkan and covers many segments such as energy, metal works, IT, construction, robotics and automation as well as automotive industry. You are most welcome.



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