

July 2023 View this email in your browser



CARGO TRAIN CENTRE DEPOT, HUMENNÉ, SLOVAKIA

At the end of 2022, ADRIAN GROUP was involved in the design and delivery of heating and cooling for the halls of the Technical and Hygienic Maintenance Center in the locomotive depot in Humenné. Company METROSTAV SLOVAKIA built the construction and companies R-Mont Pylávy installed radiant heaters and VZT Mont installed cooling and door curtains. In the first stage, air curtains were delivered, which will ensure significant energy savings. Curtains were installed in one of the halls vertically and in the other horizontally. All gates were 6 m opening. Warm water door curtain GUARD PRO was delivered. In the second stage, three evaporative cooling units with an air flow of 30,000 m³/h per unit were supplied. ADRIAN-AIR EV30 coolers were mounted on the roof with an outlet to the hall under the ceiling with cool air blowing through a 6-sided diffuser. These units will cool the space and significantly help to make the environment in the hall more pleasant during the summer months. The third stage concerned the supply of dark gas infrared heaters ADRIAN-RAD E222, and their installation is currently being completed.



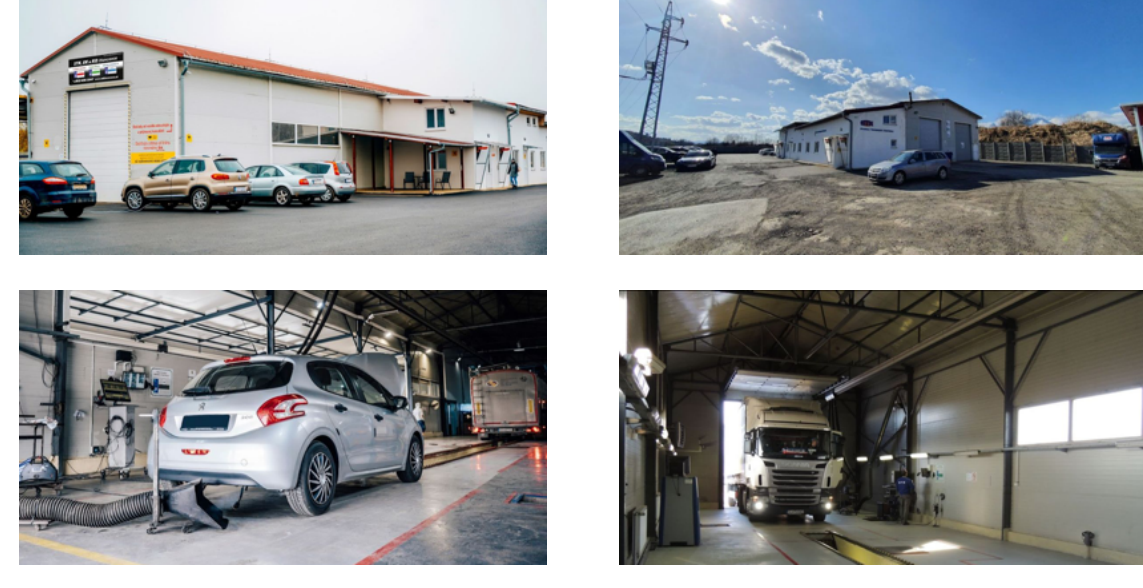
GOOD ADVICE: WHERE TO PLACE THE ADRIAN-RAD EV18 EVAPORATION COOLING UNIT?

Cooling 18000 m³/h with only water, without freons and with a maximum electricity consumption of up to 1 kWh, and for a fraction of the price compared to conventional air conditioning, sounds really tempting. This ecological temperature reduction technology has been proven for years and works. How to support its effectiveness with a suitable installation?
Rule 1: Find a position as close as possible to the place where you need to deliver the cold. The further the source from the destination, the greater the losses. Long ducts mean losses of energy but also on pressure, and blowing at the end of the branch can be significantly affected.
Rule 2: Do minimal ducts in the outdoor environment. Why produce cold air and immediately lose part of it? Even if you insulate the pipes, there will inevitably be losses in them.
Rule 3: Build on the maximum duct diameter. Whether you choose metallic distributions or textile, angular or spiro, the larger the diameter, the better. The adiabatic unit has sufficient pressure and flow, so use it. Small diameters can create such losses that cause the flow to slow down or even return it back to the appliance and not deliver the cold to the required place.
Rule 4: The unit must be cared for regularly. Place it so that a maintenance person or an external company can access it. Think about this when choosing between a floor, a side wall or a roof. Maintenance is crucial for the efficiency of the unit.
Rule 5: Although perhaps unnecessary, we remind you: for the best result the unit must be placed outdoors! Yes, it should be emphasized.
If you want advice, contact us at adrian@adrian.sk, we will be happy to help you.



TECHNICAL CONTROL STATION VELKA LOMNICA

Poprad company LAJMEX SLOVAKIA TRADING, with whom we have been cooperating for a long time, built a technical inspection station in Veľká Lomnica. 5 pcs of ADRIAN-RAD AA222 dark gas infrared heaters were chosen for heating the hall. Flue gas discharge and air intake is handled by a coaxial chimney with a total length of 3.5 m. The installation of infrared heaters with connection to the propane distribution was done in cooperation with Matej Hatsch VUK from Huncovoce. Radiant heating is the most suitable type for operations performed in the building, because it heats individual zones where staff workers move. It is much more expensive to heat the entire area with hot air heating, while the desired effect will be difficult to achieve due to the frequent opening of the gates for the entry and exit of vehicles.



EXPERTS IN GAS BURNERS

After a mutual agreement with the world manufacturer of burners RIELLO, which belongs to the CARRIER group, we agreed to train other technicians of the ADRIAN GROUP and at the same time strengthen our competences in starting up and maintaining technology burners. From 26 to 29 June 2023, in the main research and development center of the Center of Excellence in Angiari, we devoted ourselves to setting up, servicing and maintaining burners. Our intention is to be a strong and reliable partner of RIELLO and to offer professional services for the products of this brand. In addition to expertise in burners for central hot air generators, we now offer you the same level of services for burners in technological processes. Contact us and learn more at adrian@adrian.sk.



HUNGARIAN CULTURE AND COOPERATION WEEK IN SLOVAKIA

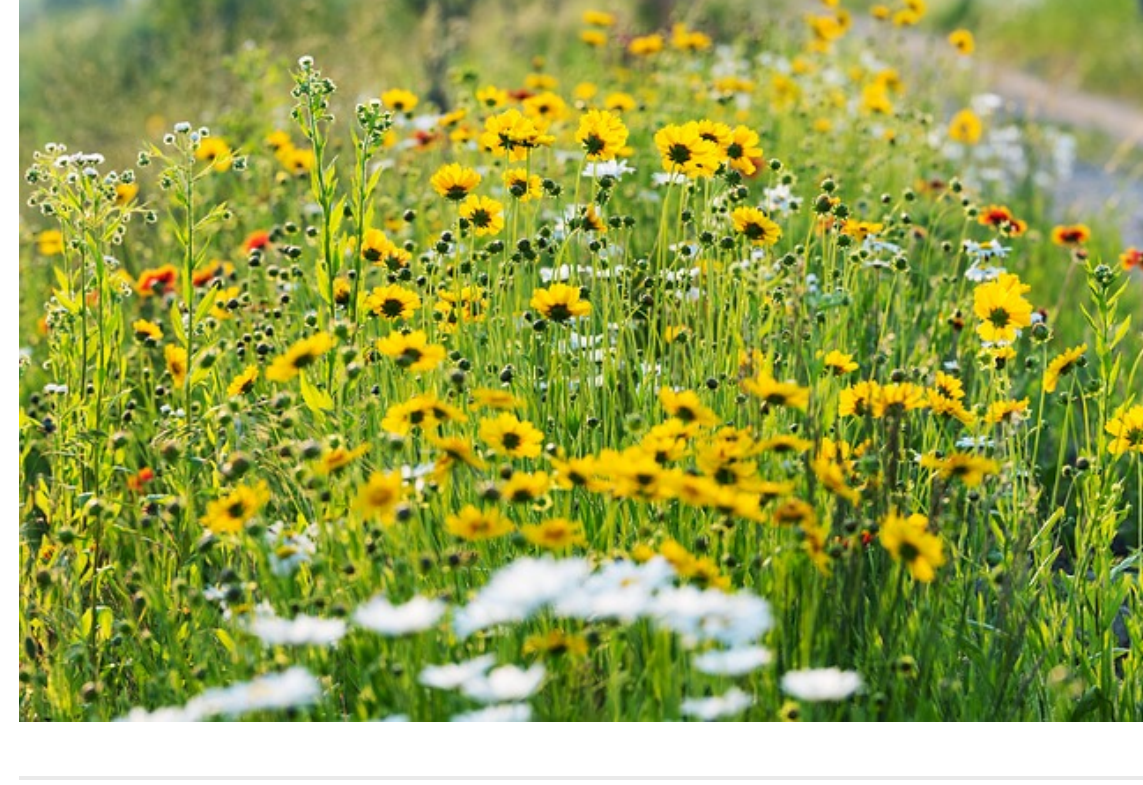
ADRIAN GROUP has been successfully operating in Hungary for more than 20 years. Together with excellent partners, we have collaborated on large and small projects all over the country. We continue our efforts to strengthen activities, gain wider awareness of the ADRIAN brand and expand partnerships. To boost these activities, we decided to present ourselves at all business meetings and events that were successively organized by the Embassy of the Republic of Hungary, the SARIO agency and Slovak chamber of industry and commerce. From 12 to 16 June 2023, presentations, round tables and negotiations as well as accompanying programs were held in various places. We have established many contacts and we believe that our activity in Hungary will continue to grow.



INVITATION TO AGROKOMPLEX 2023 FAIR

Dear customers and business partners, ADRIAN GROUP cordially invite you to the 48th edition of the AGROKOMPLEX international agricultural and food exhibition in Nitra, which will take place on August 17-20, 2023. We will present successful technologies for the AGRO sector in the field of heating, cooling and ventilation. Advantages and effective ways to ensure thermal comfort in plant and animal production will be the main topic. At the same time, we will introduce you to news in the field of modern SMART solutions for remote control in the energy sector. Free tickets can be requested at adrian@adrian.sk

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