

Healthcare, education and sustainable air conditioning

WE OFFER SOLUTIONS THAT LOOK TO THE FUTURE

In the healthcare field, the essential part is to maintain accurate thermo-hygrometric comfort and to pay the outmost attention to hygiene. It is also to this target that Rhoss today turns its focus by proposing exclusive solutions for Indoor Air Quality and the production of fluids.

Rhoss has always paid close attention to the needs of the healthcare industry by developing exclusive solutions and by winning many orders in the last two years for hospitals, clinics and triage units in Italy and Europe. This note confirms its market leadership in all those fields of application where temperature control and

management, accurate air filtration and air change management are crucial.

“The company’s strength lies in not only being able to launch new, highly efficient ranges with more environmentally friendly refrigerants, but also in being recognised as experts in various applications, to the extent of becoming a real point of reference for designers and operators in certain vertical segments, such as the healthcare and medical fields (clinics, hospitals, tri-

ge, etc.) and the education field (nurseries, schools, universities, institutes, etc.), which today represent both core competence and core business for the company, states Managing Director Maurizio Marchesini”. In the design phase of all units, we paid great attention to sustainable energy solutions: a prerequisite on which the company bases its contribution to the global objective of reducing greenhouse gas emissions into the atmosphere. Sustainability for Rhoss means being able to perfectly combine energy efficiency, respect for the environment and attention to people’s wellbeing and health, by offering customised solutions tailored to specific needs.

“Thanks to the possibility of supplying a complete package of products and to the high level of professionalism and competence acquired in the field of Indoor Air Quality, we have been able to identify and supply multiple and effective solutions for the containment of the spread and contagion of Covid19 indoors. The recent large investments made in our research laboratories in Codroipo have allowed us to further testing the reliability and improve the performance of our units, explains Marchesini”.



Customised solutions for healthcare and education

The desire to maintain a high level of wellbeing and health for operators, patients and users of healthcare facilities, together with the need to ensure maximum hygiene, has led to the development of various HVAC solutions and systems specifically for the healthcare field, whether it be in wards, low to medium infectious risk areas or critical contamination risk areas. Our ADV Custom Hygienic air handling units have been designed to the highest engineering standards to ensure the ideal solution for applications where cleanliness and hygiene are mandatory. The ADV range of units have obtained, among others, the Hygiene Suitability Certification. Rhoss air handling units and terminal units are equipped with exclusive Air Suite anti-bacterial filters, which have recently been combined with an innovative sanitization and air purification device for indoor environments. These filters provide control of contaminants such as bacteria, fungi, mould, volatile organic substances or viruses such as SARS-CoV2.

By integrating these advanced solutions, whose performance has been certified by the most important laboratories and research institutes, Rhoss ventilation systems are able to quickly and effectively eliminate the main harmful substances in the air and inactivate the infectious viral load of Sars-Cov-2 in indoor environments. These technologies can make the difference, not only in the healthcare field but also in the education field, where air exchange and forced mechanical ventilation are key elements to invest in, as they help to ensure not only comfort and energy saving, but also the safety of the occupiers. Rhoss provides professional, expert advice to associations, authorities and, above all, to design studios committed to designing efficient schools that provide our children with comfortable and, above all, healthy environments. Advice on its products and on the best possible system solutions that can be adopted both in new buildings and in the renovation and adaptation of existing school environments.

About us

Rhoss, an important Italian company founded in 1968 and part of the Nibe Group since 2019, is one of Europe's leading air conditioning companies, specialised in the production of chillers, heat pumps, multi-purpose units, air handling units and fan coil units for the residential, tertiary, commercial and industrial sectors. In its production facilities located in Codroipo (UD), with over 50 years of history and 300 employees, Rhoss has succeeded in establishing itself in the world of HVAC solutions and systems, reaching a turnover of 72 million euros in 2021 with over 16% growth compared to 2020 and a very good and satisfactory operating result for shareholders.



New air for the future.



We are partners in the construction of **solutions for air conditioning and treatment**. Chillers, heat pumps, multi-purpose systems, fan coils and air handling units, designed to operate in buildings designed for the wellbeing of individuals and sustainability.

