



HVAC *Systems*

We energize the future

Manufacturing and installation on a turnkey basis

www.energize.rs

We energize the future

About ENERGIZE

ENERGIZE is a company that is a pioneer and leader in the field of building turnkey solar photovoltaic power plants in Serbia.

Since our founding in 2012, we have achieved:

- **90+ MWp** of installed photovoltaic power plants
- **40+ MWh** of storage solutions
- **250,000+** photovoltaic modules
- **1,500+** inverter units
- **60,000+** battery blocks
- **500,000+** low-voltage equipment units
- **300+** production process protection systems
- **200+** solar LED lighting locations
- **150+** functional facilities

We treat every investment as our own, evaluating each project using the Total Cost of Ownership (TCO) principle as a mandatory part of the assessment, with an operational horizon of 30+ years.

We provide our clients with the highest quality equipment and services, specialized engineering expertise, and the best warranty coverage available on the market.



Contents

HVAC *Systems* are integrated solutions designed to regulate indoor temperature, air quality, and ventilation within a building. Their primary function is to ensure comfortable and healthy indoor conditions throughout the entire year, regardless of external weather conditions.

Modern HVAC *Systems* provide precise control over temperature, humidity levels, and airflow, creating a balanced indoor environment that enhances comfort, productivity, and overall well-being. By continuously circulating and filtering air, these systems also help improve air quality and maintain optimal living and working conditions.

In addition to improving comfort, HVAC *systems* play a crucial role in energy efficiency and sustainable building management. Advanced technologies and smart energy control enable reliable performance while reducing energy consumption, making HVAC solutions essential for residential, commercial, and industrial facilities.

HVAC Systems

What HVAC *System* enables

What high-quality HVAC *System* brings

Modern HVAC Systems enable:

- **Efficient temperature control** – Heating in winter and cooling in summer
- **Space ventilation** – Continuous supply of fresh air and removal of pollutants
- **Humidity management** – Maintaining comfort and protecting materials
- **Energy efficiency** – Lower energy costs and reduced environmental impact
- **Air filtration and purification** – Improving indoor air quality by removing dust, allergens, and harmful particles
- **Smart system control** – Automated operation and remote monitoring for optimized performance
- **Zoned climate control** – Independent temperature regulation in different areas of a building
- **Operational reliability** – Stable and consistent performance in residential, commercial, and industrial environments



Installing a high-quality HVAC System brings numerous benefits, such as:

- **Improved indoor air quality** – Effective filtration and circulation of clean, fresh air
- **Consistent Thermal comfort** – Stable temperature throughout the space in every season
- **Energy efficiency** – Optimized performance that reduces overall energy consumption
- **Lower operating costs** – Smarter energy use leading to long-term savings
- **Enhanced equipment longevity** – Reliable operation and reduced wear of system components
- **Healthier indoor environment** – Balanced humidity levels and removal of airborne pollutants



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