Introducing the MRCOOL Universal DC Inverter Heat Pump

MRCOOL is an innovative company offering heating and cooling solutions that are the cutting edge of what modern, flexible HVAC fabrication can produce. These systems rely on state-of-the-art manufacturing processing and advanced design to deliver high efficiency air comfort anywhere you need it. From being the only producer of do-it-yourself ductless mini-split systems, to smart thermostats, bladeless fans and tankless water heaters, MRCOOL never stops innovating and never stops dreaming.

MrCOOL is proud to introduce the innovative and advanced MRCOOL Universal Inverter Central Heating & Air Split System. This sophisticated inverter split system includes the Universal condenser, air handler, and support components necessary to maximize your home air comfort.

The MRCOOL DC Inverter System takes a new approach to heating and cooling by offering an ultra-wide operating temperature range. This heating and cooling system adopts two-stage enhanced enthalpy technology to ensure strong heating capacity even at extremely low temperatures. It can heat at 100% efficiency at -5 degrees Fahrenheit, even with outdoor temperatures as low as -22 degrees Fahrenheit. It can cool at 100% efficiency up to outdoor temperatures as high as 115 degrees Fahrenheit. This allows your home to maintain an optimal temperature without extreme energy usage causing high energy bills.

The new MRCOOL Universal DC Inverter System’s slim design takes up a fraction of the space that traditional condensers need, which makes it ideal for installation in various locations outside your home — even tight spaces. This system adopts 24V non-communication control technology between condenser and evaporator. Because of this feature, the system can be adopted to any third-party 24V air handler or thermostat other than the included air handler.

The MRCOOL DC Inverter System comes in two models — a 36k model and a 60k model. The 36k model can cover a 24k to 36k BTU capacity range and has a SEER rating of 20. The 60k model can cover between 48k and 60k BTU capacity range and has a SEER rating of 17.5 to 18. Both models are heat pump systems that can produce cool air and heat for year round usage. Additionally, both models use environmentally-safe R410A refrigerant, which is chlorine-free to help prevent damage to the ozone layer, and are ETL and AHRI certified.