



R&H Projects Company Profile



Inspections



Installation



Repairs



Maintenance

WHY R&H PROJECTS?

We provide installation and maintenance services on existing electrical installations and air conditioning units in Gauteng and surrounding areas. As an established business founded in 2000, we undertake aircon and refrigeration projects and installations in the industrial and corporate sector.

At R&H Projects we are known for the strong, long term relationships with our customers and do our part in caring for the environment by only using environmentally friendly gas.

We are registered at the Department of Labour and are therefore qualified to issue COC certificates on all work.

ACCREDITED DEALERS

R&H Projects is an accredited dealer of



ENVIRONMENTALLY FRIENDLY



We care about the environment

We use R-410A non-ozone depleting gas that is environmentally friendly and more cost effective in energy saving on the long run, as the older R-22 (Freon) gas is also being phased out.



ABOUT R&H PROJECTS

R & H Projects cc was established in 2000 and is located in Gauteng, Pretoria North.
Our Company registration number is: 2009/182684/23.

The main objective of our company is to provide an excellent service striving to perfection whether it is a new installation or maintenance on an existing electrical installation or any air conditioning unit.

R & H Projects cc do repairs, maintenance and installations in the following:

- Ventilation systems
- Air Conditioning Units
- VRV Systems & Control Systems
- Chillers
- Air handling units
- Cold rooms & Freezer rooms

We also do electrical work for the residential and commercial and industrial sectors.
We offer the equipment sale of all international brands like the following hereunder and many more

- Samsung
- LG
- Mitsubishi
- York
- Daiken
- Carrier
- Midea

We are also registered at the Department of Labour. We can therefore also issue COC Certificates.



SERVICES

R & H Projects cc do repairs, maintenance and installations in the following:

Ventilation Systems

Ventilation includes both the exchange of air to the outside as well as circulation of air within the building. It is one of the most important factors for maintaining acceptable indoor air quality in buildings. Methods for ventilating a building may be divided into mechanical/forced and natural types.

Air Conditioning

Air conditioning (often referred to as A/C, AC, or aircon) is the process of altering the properties of air (primarily temperature and humidity) to more comfortable conditions, typically with the aim of distributing the conditioned air to an occupied space such as a building, house or vehicle to improve thermal comfort and indoor air quality. In common use, an air conditioner is a device that lowers the air temperature. The cooling is typically achieved through a refrigeration cycle, but sometimes evaporation or free cooling is used. Air conditioning systems can also be made based on desiccants.

Chillers

In air conditioning systems, chilled water is typically distributed to heat exchangers, or coils, in air handling units or other types of terminal devices which cool the air in their respective space(s), and then the water is re-circulated back to the chiller to be cooled again. These cooling coils transfer sensible heat and latent heat from the air to the chilled water, thus cooling and usually dehumidifying the air stream.

General Maintenance & Construction

General building contracting company specializing in all minor & major repairs, alterations, restorations and maintenance on commercial and residential structures.

Air Handling units

An air handler, or air handling unit (often abbreviated to AHU), is a device used to regulate and circulate air as part of a heating, ventilating, and air-conditioning (HVAC) system. An air handler is usually a large metal box containing a blower, heating or cooling elements, filter racks or chambers, sound attenuators, and dampers. Air handlers usually connect to a ductwork ventilation system that distributes the conditioned air through the building and returns it to the AHU. Sometimes AHUs discharge (supply) and admit (return) air directly to and from the space served without ductwork.

VRV Systems

VRFs are typically installed with an Air conditioner inverter which adds a DC inverter to the compressor in order to support variable motor speed and thus variable refrigerant flow rather than simply on/off operation. By operating at varying speeds, VRF units work only at the needed rate allowing for substantial energy savings at partial-load conditions. Heat recovery VRF technology allows individual indoor units to heat or cool as required, while the compressor load benefits from the internal heat recovery. Energy savings of up to 55% are predicted over comparable unitary equipment.

Refrigeration

Refrigeration is a process of moving heat from one location to another in controlled conditions. The work of heat transport is traditionally driven by mechanical work, but can also be driven by heat. Refrigeration has many applications including, household refrigerators and industrial freezers, lifestyle, agriculture, preserving food and pharmaceutical.



CONTACT US



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PROJECTS

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