

Planned service and maintenance



The services installed in modern buildings encompass a variety of different technologies, and with the correct attention will reward you with many years of trouble free service.

If this upkeep is neglected, the equipment can quickly depreciate from an asset to a liability. At GK Industrial we are able to tailor a service schedule to suit customers' needs and budget, from a basic six month visit to a more intensive on site involvement, favored by some of our larger clients.

A selection of the schedules used by our customers include:

- Filter change and grill clean contracts.
- Parts only short term contracts.
- Full all inclusive cover.
- Selected rolling contracts.

As part of our mission and values, GK engineers receive regular and ongoing training, enabling them to remain fully conversant with new technologies within our industry.

To ensure that customers systems are running at their optimum performance levels, GK has maintenance procedures designed specifically to prolong the lifespan of all air conditioning, ventilation and refrigeration systems.

An air conditioning system is inspected in four sections.

- The outdoor unit, or 'air cooled condensing unit'.
- The indoor unit, or 'air handling unit'.
- The interconnecting pipe work and control wiring.
- Filters.

Each section is inspected for obvious faults and checked to ensure that it is meeting its designed intention. If the maintenance procedure highlights any system parts that have failed or may cause future disruption, GK immediately repairs or quotes any remedial works required.

The air cooled condensing unit will be cleaned, concentrating on the condenser itself. If required, a specialist cleaning solvent would be sprayed into the fin coil block to loosen any entrapped contaminants, the solvent then lifts these contaminants to the exterior surface of the coil where they will be washed off with water.

GK Industrial Ltd

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Each of the condensing units individual components are checked for wear and tear, electrical integrity and correct operating parameters.

The air handling section will be cleaned, again concentrating on the evaporator cooling coil. This coil will be cleaned generally as the condenser coil and the process will be extended to the condensate drain and if applicable the condensate pumps. As with the condensing unit, each of the air handling unit components will be individually checked for wear and tear, electrical integrity and correct operating parameters. The refrigerant pipe work and its associated thermal insulation will be inspected for damage and deterioration.

Filters for the air handling units or indoor units will be vacuumed clean of any deposits or in the case of washable filters these will be cleaned with a solution if required. All glass fibre and pleated filters will be replaced.

A visual check of grilles and ductwork will take place for exterior damage and wear and tear.

The cooling and heating duties are checked and recorded where relevant and on completion of the service visit a full report would be submitted for each individual system. This would provide you with a record of the condition and any remedial work which may be required.

About GK

As a specialist installation and maintenance provider of environment managed solutions, GK Industrial Ltd aims to manage climate control and energy efficiency issues on behalf of its many national clients in the retail, food, commercial, industrial and public sectors. The company's portfolio covers the entire spectrum of installing complete air conditioning, heating, ventilation, refrigeration and energy efficient lighting systems, to providing service maintenance contracts for both GK installed and client adopted systems.

For more information of how GK can help your business, contact our Business Development Team on:

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