

# FAN COIL UNIT



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## Introduction

Started in 2010 under the name of "Green Power" as an individual company founded by Eng. Ossama M. Ghoneim, then it merged with the new shareholding company "Green Tech Solutions" in collaboration with new investors.

Today, GTS is a pioneer Egyptian company dedicated to new and renewable energy applications and energy efficiency utilisation in HVAC systems — delivering affordable, high-quality power systems that partner with customers, employees, suppliers, and communities toward a sustainable society.



Solar Power Plant (Marsa Alam)



CRA Pharme (Egypt, Badr)



Space Mall (6<sup>th</sup> October)

### 2010

Founded as Green Power by Eng. Ossama M. Ghoneim — focused on renewable energy and off-grid solar solutions.

### EXPANSION

Merged into Green Tech Solutions (GTS) shareholding company with new strategic investors, expanding scope across HVAC and sustainable energy.

### TODAY

500+ completed projects across Egypt and the region, serving commercial, industrial, healthcare, and residential sectors.

\* We are always improving our products to make them better. Therefore all specifications and details are subject to change without prior notice. Please contact with the sales to check if this is the latest catalogue.

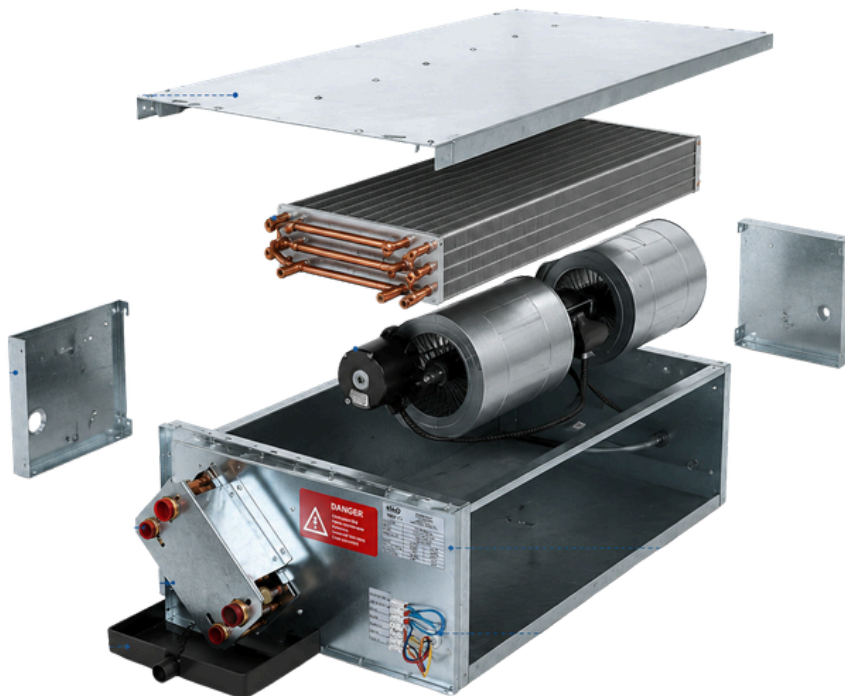
# Features

## ► KFC CONCEALED CEILING TYPE FAN COIL UNITS

KLS concealed ceiling type fan coil units are designed for all indoor spaces that need heating and cooling. These are the units that perform heating or cooling by supplying conditioned air into the interior locations by means of fan through the coil.

Concealed ceiling type fan coil units are generally used in hospitals, business centers, hotels, residences and etc. Concealed ceiling type fan coil units are manufactured in two different categories; standard and high-pressure models. Standard fan coil units are manufactured in 7 and High-pressure fan coil units are manufactured in 5 different models as two-pipe and four-pipe fan coil units.

Analog thermostats are available for two and four-pipe fan coil models on request.



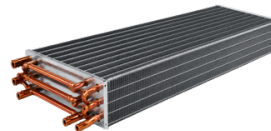
### ► FRAME

The frame material of KFC unit is galvanized sheet metal. The frame structure is built to provide high rigidity and to prevent vibrations.



### ► FANS

3 speed direct driven centrifugal fans are used in all models. They have maximum efficiency and optimum sound pressure level. They are statically and dynamically balanced as standard



### ► COILS

Coils are made from copper pipes with aluminium fins. The collectors of the coil are made from brass with low pressure loss. The coil is positioned at an angle of 45 ° according to the blowing direction in order to get maximum efficiency.

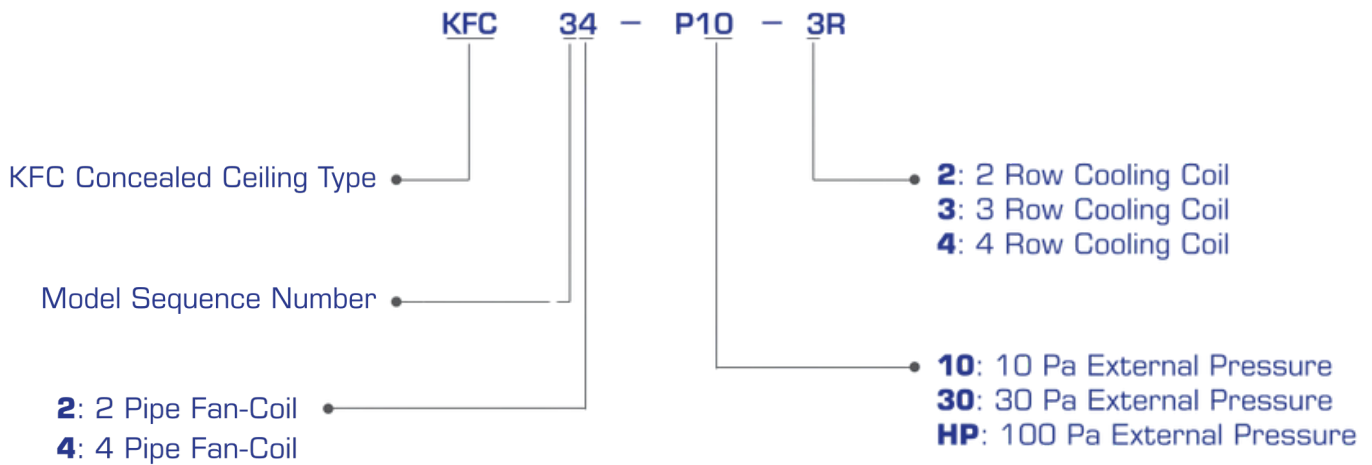


### ► FILTER

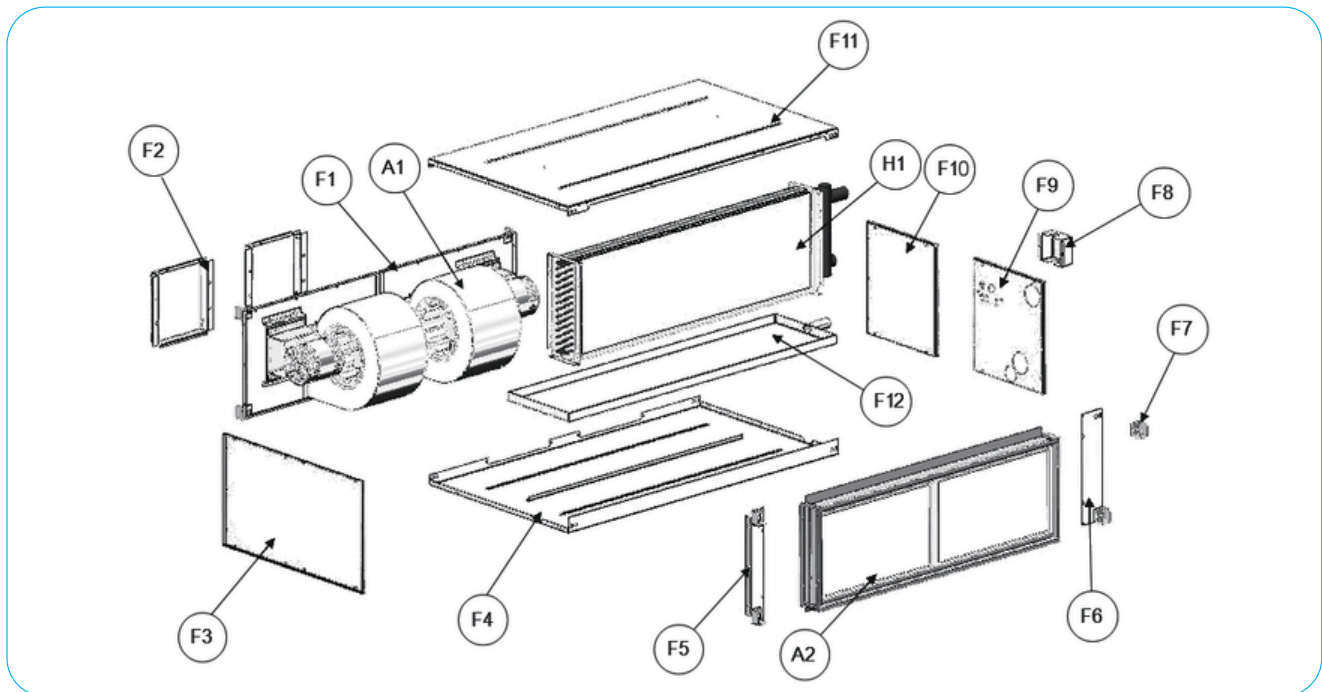
Antibacterial and washable filters are used as standard. Thanks to the specially designed filter seats, the filters can be demounted very easily.

## Nomenclature

### ► PRODUCT CODING



### Exploded-View & Part List



|    |                 |    |                  |     |                   |
|----|-----------------|----|------------------|-----|-------------------|
| A1 | FAN MOTOR ASSY. | F4 | BASE PANEL ASSY. | F9  | SIDE PANEL DRAIN  |
| A2 | FILTER ASSY.    | F5 | R COIL BAFFLE    | F10 | SIDE PANEL ACCESS |
| F1 | FRONT PANEL     | F6 | L COIL BAFFLE    | F11 | TOP PANEL         |
| F2 | COLLAR ASSY.    | F7 | TOP FIX          | F12 | DRAIN PAN ASSY.   |
| F3 | SIDE PANEL WIDE | F8 | TERMINAL BOX     | H1  | COIL ASSY.        |

KLS make designs of fan-coil units and unit selection in different conditions with the selection software “SEL FCU” that KLS has developed in its own R&D department.

# KFC - Ceiling Concealed Fan Coil Unit

## Standard Unit / 2-Pipe / 3 Rows



| 2 PIPE FANCOIL CAPACITY (10 Pa External Pressure) |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |
|---------------------------------------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|
|                                                   | 6-11°C        |                           |                   | 7-12°C        |                           |                   | 90-70°C       |                           |                   | 80-60°C       |                           |                   | 70-50°C       |                           |                   | 45-40°C       |                           |                   |
| Model                                             | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) |
| KFC 22-P10-3R                                     | 2.31          | 16.53                     | 0.4               | 2.1           | 13.86                     | 0.36              | 5.9           | 5.6                       | 0.25              | 4.88          | 4.11                      | 0.21              | 3.83          | 2.77                      | 0.16              | 2.2           | 12.76                     | 0.38              |
| KFC 32-P10-3R                                     | 3.15          | 28.62                     | 0.54              | 2.87          | 24.08                     | 0.49              | 7.97          | 9.51                      | 0.34              | 6.6           | 7.02                      | 0.28              | 5.21          | 4.77                      | 0.22              | 2.96          | 21.52                     | 0.51              |
| KFC 42-P10-3R                                     | 4.58          | 22.83                     | 0.79              | 4.19          | 19.42                     | 0.72              | 12.14         | 8.29                      | 0.52              | 10.04         | 6.08                      | 0.43              | 7.89          | 4.1                       | 0.34              | 4.51          | 18.79                     | 0.78              |
| KFC 52-P10-3R                                     | 5.19          | 34.19                     | 0.89              | 4.72          | 28.74                     | 0.81              | 12.87         | 10.99                     | 0.55              | 10.67         | 8.12                      | 0.46              | 8.45          | 5.54                      | 0.36              | 4.77          | 24.87                     | 0.82              |
| KFC 62-P10-3R                                     | 6.61          | 28.32                     | 1.14              | 6.02          | 23.75                     | 1.04              | 16.38         | 9.11                      | 0.7               | 13.58         | 6.72                      | 0.58              | 10.74         | 4.57                      | 0.46              | 6.07          | 20.55                     | 1.04              |
| KFC 72-P10-3R                                     | 8.1           | 16.42                     | 1.39              | 7.4           | 13.72                     | 1.26              | 20.86         | 5.77                      | 0.9               | 17.26         | 4.22                      | 0.74              | 13.59         | 2.82                      | 0.58              | 7.72          | 12.94                     | 1.33              |
| KFC 92-P10-3R                                     | 10.01         | 26.71                     | 1.72              | 9.17          | 22.63                     | 1.58              | 25.57         | 9.2                       | 1.1               | 21.2          | 6.75                      | 0.91              | 16.75         | 4.56                      | 0.72              | 9.46          | 20.66                     | 1.63              |

| 2 PIPE FANCOIL CAPACITY (30 Pa External Pressure) |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |
|---------------------------------------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|
|                                                   | 6-11°C        |                           |                   | 7-12°C        |                           |                   | 90-70°C       |                           |                   | 80-60°C       |                           |                   | 70-50°C       |                           |                   | 45-40°C       |                           |                   |
| Model                                             | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) |
| KFC 22-P30-3R                                     | 2.4           | 17.69                     | 0.41              | 2.18          | 14.84                     | 0.37              | 6.08          | 5.9                       | 0.26              | 5.02          | 4.33                      | 0.22              | 4.01          | 3.01                      | 0.17              | 2.31          | 13.89                     | 0.4               |
| KFC 32-P30-3R                                     | 3.1           | 27.73                     | 0.53              | 2.82          | 23.33                     | 0.49              | 7.72          | 9                         | 0.33              | 6.4           | 6.64                      | 0.28              | 5.18          | 4.72                      | 0.22              | 2.94          | 21.3                      | 0.51              |
| KFC 42-P30-3R                                     | 4.7           | 23.9                      | 0.81              | 4.32          | 20.54                     | 0.74              | 11.99         | 8.1                       | 0.52              | 10.07         | 6.12                      | 0.43              | 8.08          | 4.27                      | 0.35              | 4.62          | 19.6                      | 0.79              |
| KFC 52-P30-3R                                     | 5.43          | 36.99                     | 0.93              | 4.95          | 31.23                     | 0.85              | 13.39         | 11.8                      | 0.58              | 11.1          | 8.71                      | 0.48              | 8.86          | 6.02                      | 0.38              | 5.01          | 27.11                     | 0.86              |
| KFC 62-P30-3R                                     | 6.58          | 28.05                     | 1.13              | 5.99          | 23.53                     | 1.03              | 16.21         | 8.95                      | 0.7               | 13.44         | 6.59                      | 0.58              | 10.74         | 4.57                      | 0.46              | 6.07          | 20.55                     | 1.04              |
| KFC 72-P30-3R                                     | 8.4           | 17.52                     | 1.44              | 7.61          | 14.63                     | 1.31              | 21.29         | 5.98                      | 0.92              | 17.62         | 4.37                      | 0.76              | 14.33         | 3.11                      | 0.62              | 8.15          | 14.29                     | 1.4               |
| KFC 92-P30-3R                                     | 9.84          | 25.89                     | 1.69              | 9.01          | 21.95                     | 1.55              | 24.4          | 8.46                      | 1.05              | 20.04         | 6.3                       | 0.88              | 16.65         | 4.51                      | 0.72              | 9.41          | 20.43                     | 1.62              |

| 2 PIPE HIGH PRESSURE FANCOIL CAPACITY (100Pa External Pressure) |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |
|-----------------------------------------------------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|
|                                                                 | 6-11℃         |                           |                   | 7-12℃         |                           |                   | 90-70℃        |                           |                   | 80-60℃        |                           |                   | 70-50℃        |                           |                   | 45-40℃        |                           |                   |
| Model                                                           | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) |
| KFC 42 HP                                                       | 7.5           | 17.94                     | 1.29              | 6.75          | 14.77                     | 1.16              | 20.59         | 6.92                      | 0.89              | 16.96         | 5.05                      | 0.73              | 13.61         | 3.52                      | 0.59              | 7.86          | 16.46                     | 1.35              |
| KFC 52 HP                                                       | 10.66         | 7.46                      | 1.83              | 9.42          | 5.94                      | 1.62              | 33.4          | 3.78                      | 1.44              | 27.21         | 2.67                      | 1.17              | 21.53         | 1.79                      | 0.93              | 12.89         | 9.11                      | 2.22              |
| KFC 62 HP                                                       | 13.62         | 13.41                     | 2.34              | 12.2          | 10.97                     | 2.1               | 38.97         | 5.74                      | 1.68              | 31.99         | 4.12                      | 1.38              | 25.19         | 2.75                      | 1.08              | 14.71         | 13.34                     | 2.53              |
| KFC 72 HP                                                       | 15.85         | 20.02                     | 2.73              | 14.32         | 16.61                     | 2.46              | 42.79         | 7.69                      | 1.84              | 35.31         | 5.57                      | 1.52              | 28.34         | 3.86                      | 1.22              | 16.29         | 18.12                     | 2.8               |
| KFC 82 HP                                                       | 21.66         | 39.14                     | 3.73              | 19.61         | 32.63                     | 3.37              | 58.28         | 14.92                     | 2.51              | 48.15         | 10.85                     | 2.07              | 38.87         | 7.59                      | 1.67              | 22.28         | 35.46                     | 3.83              |

### NOTES:

- 1) Cooling Capacities are valid for 27°C-50% RH indoor air conditions.
- 2) Heating capacities are valid for 20°C-50% RH indoor air conditions.
- 3) Heating and cooling capacities given in the table are based on highest fan speed. Refer to the conversion table for other fan speeds.
- 4) Our company reserves the right to make any changes on the information given in this catalogus. Please contact our company for information.

# KFC - Ceiling Concealed Fan Coil Unit

## Standard Unit / 4-Pipe / 3 Rows



| 4 PIPE FANCOIL CAPACITY (10 Pa External Pressure) |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |
|---------------------------------------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|
|                                                   | 6-11℃         |                           |                   | 7-12℃         |                           |                   | 90-70℃        |                           |                   | 80-60℃        |                           |                   | 70-50℃        |                           |                   | 45-40℃        |                           |                   |
| Model                                             | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) |
| KFC 24-P10-3R                                     | 2.25          | 15.77                     | 0.39              | 2.05          | 13.37                     | 0.35              | 2.27          | 2.29                      | 0.1               | 1.83          | 1.61                      | 0.08              | 1.39          | 1.03                      | 0.06              | 0.85          | 5.29                      | 0.15              |
| KFC 34-P10-3R                                     | 3.08          | 27.39                     | 0.53              | 2.8           | 23.04                     | 0.48              | 3.28          | 4.39                      | 0.14              | 2.67          | 3.14                      | 0.11              | 2.04          | 2.01                      | 0.09              | 1.24          | 10.24                     | 0.21              |
| KFC 44-P10-3R                                     | 4.42          | 21.41                     | 0.76              | 4.04          | 18.18                     | 0.69              | 4.91          | 11.23                     | 0.21              | 3.99          | 8.02                      | 0.17              | 3.09          | 5.28                      | 0.13              | 1.85          | 26.14                     | 0.32              |
| KFC 54-P10-3R                                     | 5.1           | 33.18                     | 0.88              | 4.65          | 27.91                     | 0.8               | 5.42          | 16.08                     | 0.23              | 4.45          | 11.7                      | 0.19              | 3.47          | 7.79                      | 0.15              | 2.04          | 37.35                     | 0.35              |
| KFC 64-P10-3R                                     | 6.5           | 27.43                     | 1.12              | 5.91          | 23.02                     | 1.02              | 6.92          | 4.25                      | 0.3               | 5.63          | 3.04                      | 0.24              | 4.32          | 1.96                      | 0.19              | 2.61          | 9.9                       | 0.45              |
| KFC 74-P10-3R                                     | 7.9           | 15.69                     | 1.36              | 7.16          | 13.11                     | 1.23              | 9.26          | 8.14                      | 0.4               | 7.57          | 5.86                      | 0.33              | 5.85          | 3.84                      | 0.25              | 3.48          | 18.9                      | 0.6               |
| KFC 94-P10-3R                                     | 9.72          | 25.34                     | 1.67              | 8.89          | 21.44                     | 1.53              | 11.19         | 12.82                     | 0.48              | 9.12          | 9.19                      | 0.39              | 7.08          | 6.07                      | 0.3               | 4.21          | 29.76                     | 0.72              |

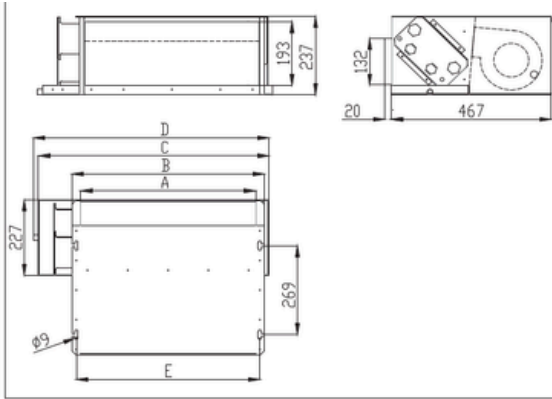
| 4 PIPE FANCOIL CAPACITY (30 Pa External Pressure) |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |
|---------------------------------------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|
|                                                   | 6-11°C        |                           |                   | 7-12°C        |                           |                   | 90-70°C       |                           |                   | 80-60°C       |                           |                   | 70-50°C       |                           |                   | 45-40°C       |                           |                   |
| Model                                             | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) |
| KFC 24-P30-3R                                     | 2.37          | 17.34                     | 0.41              | 2.15          | 14.54                     | 0.37              | 2.07          | 2.48                      | 0.1               | 1.92          | 1.76                      | 0.08              | 1.46          | 1.12                      | 0.06              | 0.89          | 5.77                      | 0.15              |
| KFC 34-P30-3R                                     | 3.02          | 26.56                     | 0.52              | 2.75          | 22.66                     | 0.047             | 3.23          | 4.27                      | 0.14              | 2.63          | 3.05                      | 0.11              | 2.01          | 1.96                      | 0.09              | 1.22          | 9.96                      | 0.21              |
| KFC 44-P30-3R                                     | 4.53          | 22.41                     | 0.78              | 4.11          | 18.77                     | 0.71              | 5             | 11.57                     | 0.22              | 4.09          | 8.36                      | 0.18              | 3.17          | 5.5                       | 0.14              | 1.88          | 26.92                     | 0.32              |
| KFC 54-P30-3R                                     | 5.21          | 34.49                     | 0.9               | 4.75          | 28.19                     | 0.82              | 5.53          | 16.65                     | 0.24              | 4.54          | 12.11                     | 0.2               | 3.54          | 8.06                      | 0.15              | 2.08          | 38.68                     | 0.36              |
| KFC 64-P30-3R                                     | 6.34          | 26.27                     | 1.09              | 5.81          | 22.34                     | 1                 | 6.77          | 4.09                      | 0.29              | 5.55          | 2.96                      | 0.24              | 4.26          | 1.91                      | 0.18              | 2.57          | 9.64                      | 0.44              |
| KFC 74-P30-3R                                     | 8             | 16.06                     | 1.38              | 7.25          | 13.42                     | 1.25              | 9.36          | 8.3                       | 0.4               | 7.65          | 5.98                      | 0.33              | 5.91          | 3.92                      | 0.25              | 3.52          | 19.28                     | 0.61              |
| KFC 94-P30-3R                                     | 9.47          | 24.18                     | 1.63              | 8.61          | 20.52                     | 1.48              | 10.88         | 12.19                     | 0.47              | 8.91          | 8.82                      | 0.38              | 6.92          | 5.83                      | 0.3               | 4.09          | 28.29                     | 0.7               |

| 4 PIPE HIGH PRESSURE FANCOIL CAPACITY (100Pa External Pressure) |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |               |                           |                   |
|-----------------------------------------------------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|---------------|---------------------------|-------------------|
|                                                                 | 6-11℃         |                           |                   | 7℃            |                           |                   | 90℃           |                           |                   | 80-60℃        |                           |                   | 70-50℃        |                           |                   | 45-40℃        |                           |                   |
| Model                                                           | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) | Capacity (kW) | Water Pressure Drop (kPa) | Water Flow (m³/h) |
| KFC 44 HP                                                       | 7.33          | 17.21                     | 1.26              | 6.6           | 14.19                     | 1.14              | 8.74          | 10.74                     | 0.38              | 7.12          | 7.68                      | 0.31              | 5.48          | 4.98                      | 0.24              | 3.3           | 25.07                     | 0.57              |
| KFC 54 HP                                                       | 10.18         | 6.86                      | 1.75              | 8.99          | 5.47                      | 1.55              | 13.27         | 5.43                      | 0.57              | 10.69         | 3.76                      | 0.6               | 8.06          | 2.33                      | 0.35              | 5.03          | 12.69                     | 0.87              |
| KFC 64 HP                                                       | 13.12         | 12.55                     | 2.26              | 11.76         | 10.26                     | 2.02              | 16.06         | 8.75                      | 0.69              | 13.03         | 6.15                      | 0.6               | 9.96          | 3.9                       | 0.43              | 6.07          | 20.38                     | 1.04              |
| KFC 74 HP                                                       | 15.5          | 19.22                     | 2.67              | 14            | 15.95                     | 2.41              | 18.38         | 12.53                     | 0.79              | 14.99         | 8.91                      | 0.64              | 11.56         | 5.75                      | 0.5               | 6.94          | 29.13                     | 1.19              |
| KFC 84 HP                                                       | 20.81         | 36.41                     | 3.58              | 19.12         | 31.17                     | 3.29              | 22.99         | 22.45                     | 1.03              | 19.89         | 16.44                     | 0.86              | 15.4          | 10.69                     | 0.66              | 9.18          | 53.5                      | 1.58              |

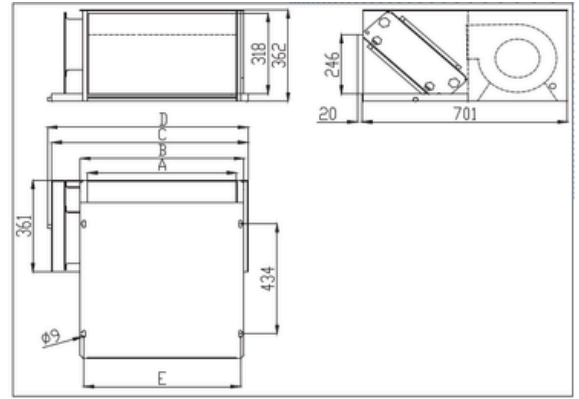
### NOTES:

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### Dimensions



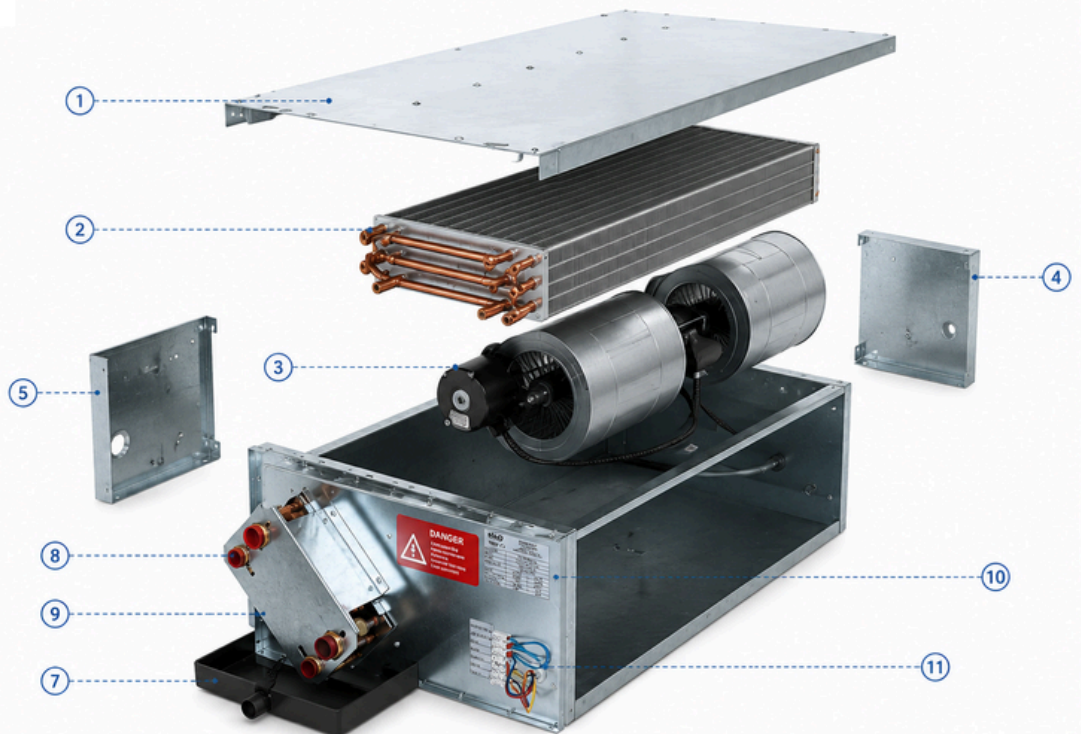
KFC 22...92 - PXX - XR - KFC 14...94 - PXX - XR



KFC 22...92 YB - KFC 14...94 -YB

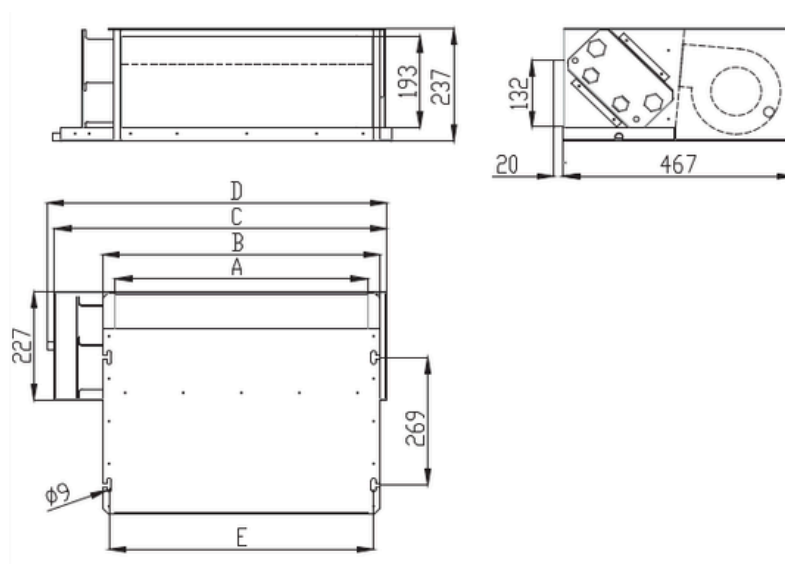
### Exploded-View & Part List

- ① Top Cover
- ② Heat Exchanger Coil
- ③ Fan / Blower Assembly
- ④ Side Panel (Right)
- ⑤ Side Panel (Left)
- ⑥ Drain Pan
- ⑦ Drain Connection
- ⑧ Water Inlet Connection
- ⑨ Water Outlet Connection
- ⑩ Electrical Junction Box
- ⑪ Wiring Diagram Label
- ⑫ Casing / Main Body

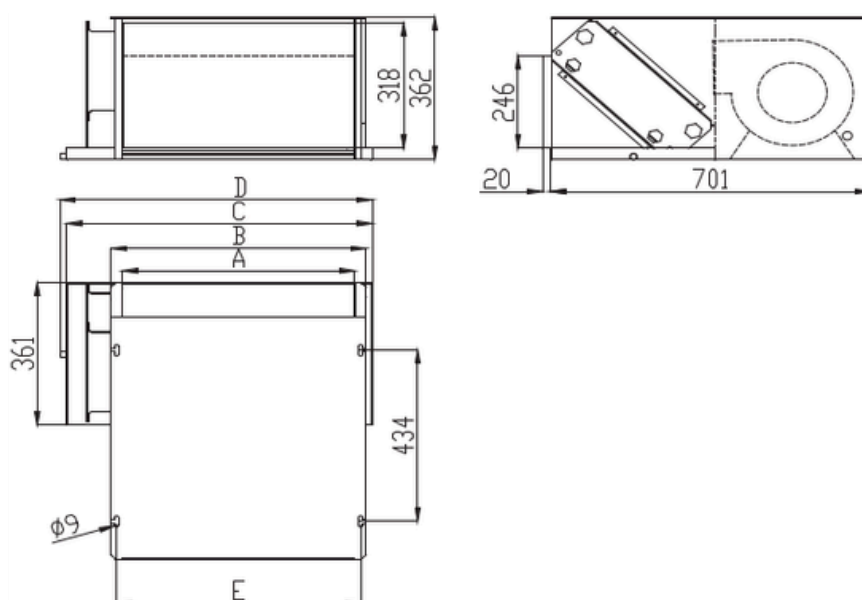


## Dimensions

### KFC 22....92 - PXX - XR - KFC 14....94 - PXX - XR



### KFC 22....92 YB - KFC 14....94 -YB



## FANCOIL TECHNICAL SPECIFICATIONS

| Model         | 7-12°C           | 19-27°C          | Air Flow<br>(m³/h) | Water Inlet-<br>Outlet<br>Connections<br>(inch) | Additional<br>Heating Inlet-<br>Outlet<br>Connections<br>(inch) | Drainage<br>(inch) | Fan Power<br>(pce.xW) | Fan Current<br>(pce.xA) | Noise<br>Level<br>(db(A)) | Weight<br>(Kg) | Dimension |           |           |           |           |
|---------------|------------------|------------------|--------------------|-------------------------------------------------|-----------------------------------------------------------------|--------------------|-----------------------|-------------------------|---------------------------|----------------|-----------|-----------|-----------|-----------|-----------|
|               | Capacity<br>(kW) | Capacity<br>(kW) |                    |                                                 |                                                                 |                    |                       |                         |                           |                | A<br>(mm) | B<br>(mm) | C<br>(mm) | D<br>(mm) | E<br>(mm) |
| KFC 22-P10-3R | 2.1              | 5.82             | 432                | 3/4"-3/4"                                       | -                                                               | 3/4"               | 1x68W                 | 1x0.20A                 | 37                        | 19             | 510       | 560       | 672       | 702       | 535       |
| KFC 32-P10-3R | 2.87             | 7.88             | 505                | 3/4"-3/4"                                       | -                                                               | 3/4"               | 1x80W                 | 1x0.30A                 | 38                        | 19             | 510       | 560       | 672       | 702       | 535       |
| KFC 42-P10-3R | 4.19             | 11.76            | 776                | 3/4"-3/4"                                       | -                                                               | 3/4"               | 2x68W                 | 2x0.20A                 | 39                        | 25             | 710       | 760       | 872       | 902       | 735       |
| KFC 52-P10-3R | 4.72             | 10.91            | 830                | 3/4"-3/4"                                       | -                                                               | 3/4"               | 2x68W                 | 2x0.20A                 | 42                        | 27             | 910       | 960       | 1072      | 1102      | 935       |
| KFC 62-P10-3R | 6.02             | 16.3             | 1026               | 3/4"-3/4"                                       | -                                                               | 3/4"               | 2x80W                 | 2x0.30A                 | 43                        | 29             | 1110      | 1160      | 1272      | 1302      | 1135      |
| KFC 72-P10-3R | 7.34             | 20.46            | 1215               | 3/4"-3/4"                                       | -                                                               | 3/4"               | 3x68W                 | 3x0.20A                 | 45                        | 35             | 1310      | 1360      | 1472      | 1502      | 1335      |
| KFC 92-P10-3R | 9.17             | 25.07            | 1500               | 3/4"-3/4"                                       | -                                                               | 3/4"               | 3x80W                 | 3x0.30A                 | 47                        | 37             | 1510      | 1560      | 1672      | 1702      | 1535      |
| KFC 24-P10-3R | 2.05             | 2.27             | 419                | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 1x68W                 | 1x0.20A                 | 38                        | 20             | 510       | 560       | 672       | 702       | 535       |
| KFC 34-P10-3R | 2.8              | 3.28             | 487                | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 1x80W                 | 1x0.30A                 | 39                        | 20             | 510       | 560       | 672       | 702       | 535       |
| KFC 44-P10-3R | 4.04             | 4.91             | 734                | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 2x68W                 | 2x0.20A                 | 40                        | 26             | 710       | 760       | 872       | 902       | 735       |
| KFC 54-P10-3R | 4.65             | 5.42             | 810                | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 2x68W                 | 2x0.20A                 | 43                        | 28             | 910       | 960       | 1072      | 1102      | 935       |
| KFC 64-P10-3R | 5.91             | 6.92             | 1000               | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 2x80W                 | 2x0.30A                 | 44                        | 30             | 1110      | 1160      | 1272      | 1302      | 1135      |
| KFC 74-P10-3R | 7.16             | 9.26             | 1173               | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 3x68W                 | 3x0.20A                 | 46                        | 36             | 1310      | 1360      | 1472      | 1502      | 1335      |
| KFC 94-P10-3R | 8.99             | 11.19            | 1437               | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 3x80W                 | 3x0.30A                 | 48                        | 38             | 1510      | 1560      | 1672      | 1702      | 1535      |
| KFC 22-P30-3R | 2.18             | 6.08             | 458                | 3/4"-3/4"                                       | -                                                               | 3/4"               | 1x68W                 | 1x0.25A                 | 42                        | 19             | 510       | 560       | 672       | 702       | 535       |
| KFC 32-P30-3R | 2.82             | 7.72             | 492                | 3/4"-3/4"                                       | -                                                               | 3/4"               | 1x80W                 | 1x0.33A                 | 43                        | 19             | 510       | 560       | 672       | 702       | 535       |
| KFC 42-P30-3R | 4.32             | 12.19            | 814                | 3/4"-3/4"                                       | -                                                               | 3/4"               | 2x68W                 | 2x0.25A                 | 44                        | 25             | 710       | 760       | 872       | 902       | 735       |
| KFC 52-P30-3R | 4.95             | 11.97            | 890                | 3/4"-3/4"                                       | -                                                               | 3/4"               | 2x68W                 | 2x0.25A                 | 47                        | 27             | 910       | 960       | 1072      | 1102      | 935       |
| KFC 62-P30-3R | 5.99             | 16.21            | 1018               | 3/4"-3/4"                                       | -                                                               | 3/4"               | 2x80W                 | 2x0.33A                 | 47                        | 29             | 1110      | 1160      | 1272      | 1302      | 1135      |
| KFC 72-P30-3R | 7.61             | 21.29            | 1278               | 3/4"-3/4"                                       | -                                                               | 3/4"               | 3x68W                 | 3x0.25A                 | 48                        | 35             | 1310      | 1360      | 1472      | 1502      | 1335      |
| KFC 92-P30-3R | 9.01             | 24.59            | 1464               | 3/4"-3/4"                                       | -                                                               | 3/4"               | 3x80W                 | 3x0.33A                 | 50                        | 37             | 1510      | 1560      | 1672      | 1702      | 1535      |
| KFC 24-P30-3R | 2.15             | 2.37             | 450                | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 1x68W                 | 1x0.25A                 | 43                        | 20             | 510       | 560       | 672       | 702       | 535       |
| KFC 34-P30-3R | 2.75             | 3.23             | 475                | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 1x80W                 | 1x0.33A                 | 44                        | 20             | 510       | 560       | 672       | 702       | 535       |
| KFC 44-P30-3R | 4.11             | 5                | 754                | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 2x68W                 | 2x0.25A                 | 45                        | 26             | 710       | 760       | 872       | 902       | 735       |
| KFC 54-P30-3R | 4.75             | 5.53             | 836                | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 2x68W                 | 2x0.25A                 | 48                        | 28             | 910       | 960       | 1072      | 1102      | 935       |
| KFC 64-P30-3R | 5.81             | 6.82             | 976                | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 2x80W                 | 2x0.33A                 | 48                        | 30             | 1110      | 1160      | 1272      | 1302      | 1135      |
| KFC 74-P30-3R | 7.25             | 9.36             | 1194               | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 3x68W                 | 3x0.25A                 | 49                        | 36             | 1310      | 1360      | 1472      | 1502      | 1335      |
| KFC 94-P30-3R | 8.61             | 10.88            | 1374               | 3/4"-3/4"                                       | 1/2"-1/2"                                                       | 3/4"               | 3x80W                 | 3x0.33A                 | 51                        | 38             | 1510      | 1560      | 1672      | 1702      | 1535      |
| KFC 42 HP     | 6.75             | 20.59            | 1360               | 1"-1"                                           | -                                                               | 3/4"               | 1x150W                | 1x1.6A                  | 50                        | 28             | 510       | 560       | 672       | 702       | 535       |
| KFC 52 HP     | 9.42             | 33.4             | 2450               | 1"-1"                                           | -                                                               | 3/4"               | 2x150W                | 2x1.6A                  | 53                        | 40             | 710       | 760       | 872       | 902       | 735       |
| KFC 62 HP     | 12.2             | 38.97            | 2670               | 1"-1"                                           | -                                                               | 3/4"               | 2x150W                | 2x1.6A                  | 53                        | 44             | 910       | 960       | 1072      | 1102      | 935       |
| KFC 72 HP     | 14.32            | 42.79            | 2768               | 1"-1"                                           | -                                                               | 3/4"               | 2x150W                | 2x1.6A                  | 53                        | 48             | 1110      | 1160      | 1272      | 1302      | 1135      |
| KFC 82 HP     | 19.61            | 58.28            | 3930               | 1"-1"                                           | -                                                               | 3/4"               | 3x150W                | 3x1.6A                  | 55                        | 52             | 1310      | 1360      | 1472      | 1502      | 1335      |
| KFC 44 HP     | 6.6              | 8.74             | 1310               | 1"-1"                                           | 1/2"-1/2"                                                       | 3/4"               | 1x150W                | 1x1.6A                  | 50                        | 29             | 510       | 560       | 672       | 702       | 535       |
| KFC 54 HP     | 8.99             | 13.27            | 2262               | 1"-1"                                           | 1/2"-1/2"                                                       | 3/4"               | 2x150W                | 2x1.6A                  | 53                        | 41             | 710       | 760       | 872       | 902       | 735       |
| KFC 64 HP     | 11.76            | 16.06            | 2510               | 1"-1"                                           | 1/2"-1/2"                                                       | 3/4"               | 2x150W                | 2x1.6A                  | 53                        | 45             | 910       | 960       | 1072      | 1102      | 935       |
| KFC 74 HP     | 14               | 18.38            | 2670               | 1"-1"                                           | 1/2"-1/2"                                                       | 3/4"               | 2x150W                | 2x1.6A                  | 53                        | 50             | 1110      | 1160      | 1272      | 1302      | 1135      |
| KFC 84 HP     | 19.12            | 24.33            | 3765               | 1"-1"                                           | 1/2"-1/2"                                                       | 3/4"               | 3x150W                | 3x1.6A                  | 55                        | 54             | 1310      | 1360      | 1472      | 1502      | 1335      |

### NOTES:

- ▶ Noise level is measured from a distance of 1.5 m away from the device.
- ▶ Our company reserves the right to make any changes on the information given in this catalogue. Please contact our company for information.

## CERTIFICATES



- GTS, ESTABLISHED SINCE 2012, IS A LEADING EGYPTIAN COMPANY SPECIALIZING IN NEW AND RENEWABLE ENERGY APPLICATIONS AND THE USE OF ENERGY EFFICIENCY IN HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS AND VARIOUS APPLICATIONS.
- WITH EXTENSIVE EXPERIENCE IN THE FIELD OF HVAC AND FIRE FIGHTING SYSTEMS INSTALLATION, START-UP, COMMISSIONING, OPERATION AND MAINTENANCE.
- IN 2020, THE COMPANY SPECIALIZED IN THE FIELD OF MANUFACTURING AND OPENED ITS FACTORY IN BADRCITY AND ACQUIRED ITS OWN BRAND, GREENVAC. THE COMPANY.
- SPECIALIZES IN THE MANUFACTURE OF CENTRAL AIR CONDITIONING UNITS, REPRESENTED BY AIRHANDLING UNITS (AHU) OF VARIOUS CAPACITIES, FAN COIL UNIT (FCU), FAN SECTIONS, COIL SECTION, AND AHU RENOVATION.







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