

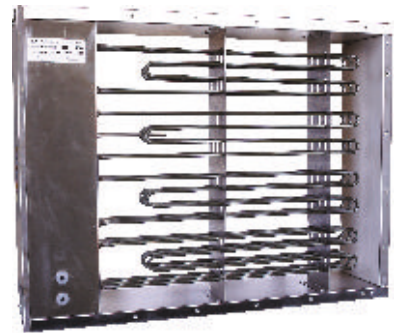
Electric Heater Battery

Temperature control is the critical factor when it comes to any comfort, industrial or process heating application.

KEPL offers, top of the line, Electric Air Heater battery unit also called as Duct Heater or Heater Batteries that is capable to handle from a simple heating application to the most sophisticated custom designed comprehensive application. KEPL Electric Air Heater unit brings versatility to existing and new installations.

Our Air Heater Units are intrinsically safe coupled with Thyristor controllers / Electromechanical controls as a part of standard package that makes it ideal for use in any application. The units can be manufactured with finned tubular or with w/o fins tubular elements in straight, U-bent or virtually in any shape. The heater unit can be equipped with intelligent controls that makes it easily interface with any BMS system.

Ideally, a unit that is simple to install, commission and maintain.



Key Features



Installation Flexibility



Energy Efficient
Minimum Energy Loss



Improves Air Quality &
Temperature



Field Replaceable Heating
Elements



Integrated Controls



Extensive Built-In Safety
Features



Easy & Quick Interlocking
With Remote or Any
Field Instruments



Complete Package With all
Electrical Work Done & Factory Tested



CE Approved Product for
Reliability & Quality

Applications



HVAC



Reheating



Hospitals



RH Control



Paint Drying



Clean Room Environmental Heating



Oil & Petrochemical Plants

Committed To Quality Assurance

KEPL's commitment to quality assurance flows throughout our operations. Every unit is inspected and tested by our quality assurance team during and after the manufacturing process, providing a level of confidence that can only be achieved with the continuous oversight of our dedicated experts from design to completion.

Our In-house Test Laboratory consistently conducts tests for :

- Micro Ohm Test
- High Voltage Dielectric Strength
- High voltage Megger test for insulation
- Paint thickness test
- Torque test for tightening of nut on joints
- All testing equipments are periodically calibrated - once in a year.

ADOPTED BEST TQM PRACTICES

ISO 9001 | ISO 14001 | ISO 45001



PROVEN DESIGNS

'Our Certification is your Assurance'

KEPL's LV & MV Panels have been extensively type-tested to relevant IS/IEC standards, Short circuit withstand test including temperature rise and Ingress Protection test, Impulse & Power Frequency Voltage tests. The KEPL designs recognise priorities such as safety in accessing components, segregation and service



CPRI Tested

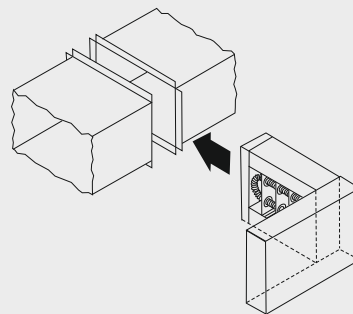
Product Category

KEPL categorizes its Electric Airduct Heaters in below mentioned types based on its installation mode.

Flanged Duct Heaters

Specification

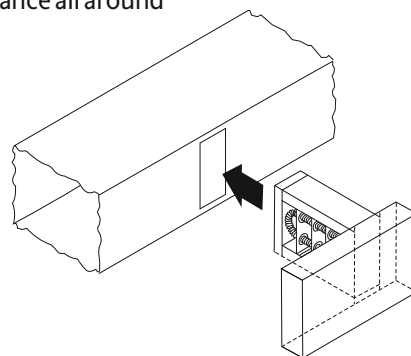
Application	: Air Duct
Installation	: Inside face dimensions exactly equal to the Duct dimensions
Flange	: 30mm as standard, deeper flanges are provided for larger Heater units
System	: 240V, 1Phase or 415V, 3Phase
Rated Frequency	: 50 Hz
Rating	: Upto 90KW
Insulation	: Single skin / Double skin
Heaters	: AISI 304 stainless steel Tubular heaters
Safety	: Fitted with Safety interlock
Enclosure	: Suitable for Indoor installation with Ingress protection IP-42
Switching	: De-energizing magnetic contactors / Thyristor control



Slip-in Duct Heaters

Specification

Application	: Air Duct
Installation	: Entire frame except Terminal Box slips inside the duct with clearance all around
Advantage	: Allows completion of Duct work before Installation
System	: 240V, 1Phase or 415V, 3Phase
Rated Frequency	: 50 Hz
Rating	: Upto 90KW
Insulation	: Single skin
Heaters	: AISI 304 stainless steel Tubular heaters
Safety	: Fitted with Safety interlock
Enclosure	: Suitable for Indoor installation with Ingress protection IP-42
Switching	: De-energizing magnetic contactors / Thyristor control



Heater Unit for AHU

Specification

Application	: Air Handling Units, Package A/C units
Installation	: Mounted adjacent to other components so that it becomes simply one module of the AHU assembly
Advantage	: Easy installation & maintenance : Unheated sections are provided where there is little or no airflow
System	: 240V, 1Phase or 415V, 3Phase
Rated Frequency	: 50 Hz
Rating	: Upto 90KW
Insulation	: Single skin
Heaters	: AISI 304 stainless steel Tubular heaters
Safety	: Fitted with Safety interlock
Terminal Box	: with Ingress protection IP-52
Switching	: De-energizing magnetic contactors / Thyristor control (Optional)

