

# HVAC

## PRODUCTS



LATEST CATALOGUE BY KONARK INDIA ENGINEERING

# ABOUT US

## Manufacturer Of HVAC Products

### KONARK INDIA ENGINEERING

Established as a Proprietor firm in the year 2020, we “Konark India ” are a leading Manufacturer and Retailer of a wide range of Cooling & Heating Coils, Direct Expansion Cooling Coil, Air Handling Unit, Ventilation / Exhaust Unit, Air Washer Unit, Air Filters, HVAC Air Terminal Products

requirements of the customers in mind. We have made use of the best quality raw material in the making of this range. We provide this duct to our clients in customized options at affordable prices. We are offering our products as per client requirements.



# COOLING & HEATING COILS



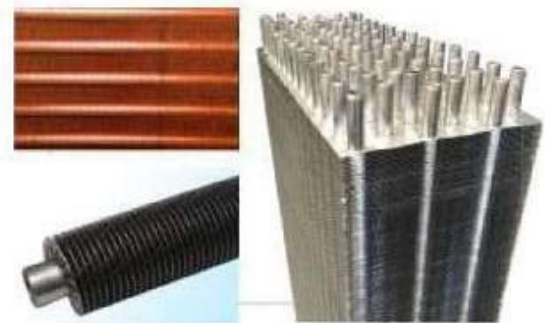
## APPLICATIONS:

- | AHU Air Cooling and Dehumidifying
- | Runaround heat recovery coils
- | Commercial/Industrial Air-conditioning
- | Refrigeration Systems
- | Ship Air-conditioning

## MATERIALS OF CONSTRUCTION:

We import copper tubes from across the globe to meet the international standards. The Aluminium foil used is available in original Aluminium/blue colour with or without Hydrophilic coating. We can provide 4 to 14 fins per inch.

- | Tubes-Copper, copper-nickel, and stainless steel
- | Fins-Aluminium, Blue Coated, Copper
- | Tube Diameters-3/8", 1/2" & 5/8"
- | Casings - Aluminum, galvanized steel, and stainless steel



## RANGE OF COIL:

Chilled Water Cooling Coil.

Hot Water Heating Coil

Direct-expansion Coil (DX-Coil)

Direct Expansion Interwinded Coil

Chiller Coil

SS Cooling Coil

Condenser Coil

Replacement Coils

Heat Exchanger Coils

Booster Coil

Steam Coil

HVAC Coils

# AIR HANDLING UNIT

FLOOR / CEILING MOUNTED



Floor Mounted AHU



Ceiling Mounted AHU

## CONSTRUCTIONS

I The unit is manufactured in a HEAVY duty extruded aluminum profile with & without Thermal Break & internal coving section.

I The unit panels are filled with 25 or 50-mm thick pressure-injected polyurethane foam, having 38/40 kg/m<sup>3</sup> density.

I Various options such as pre-coated galvanized sheets, plain galvanized sheets, aluminum & SS 304&SS316 sheets in various thicknesses are available for the inner & outer skin of double skin panels

I High-efficiency AMCA certified imported DWDI & PLUG type Blowers are used

I Drain pan made of SS 304 with dual slope to facilitate immediate condensate discharge.

I Access doors are provided with hinges & locks made of self extinguishing nylon for perfect air tightness

## CAPACITY RANGE :

1000 CFM to 40000 CFM

## OPTIONS AVAILABLE

- | Weatherproof light, limit switch, view glass
- | Filter sections for EU-5, EU-7 in Rigid/Bag construction.
- | Humidification, Pre/Re Heat Package.
- | Heat recovery wheel / Heat Pipe.
- | Mixing Box with Fresh/Return Air Dampers.
- | Single/Double tier construction.

## APPLICATIONS

Comfort Air Conditioning, for Schools, studios, Airports, Laboratories, Multiplexes, Offices, Institutes, Buildings and Hotels.

## VENTILATION / EXHAUST UNIT



Ventilation Unit

## CAPACITY RANGE

800 cfm to 50,000 cfm

## APPLICATIONS

For Shopping Malls, Multiplexes, Small offices, Hotels.  
Exhaust Unit



Exhaust Unit



# AIR WASHER UNIT



Air Washer, an air cooling equipment is manufactured by us in both single and double skin construction with compact, low height with multi centrifugal fan design. Double-skin units are available with aluminum profiles. The new, innovative designs guarantee predictable performance, long life expectancy, and near-zero maintenance.

## CAPACITY RANGE :

1000 cfm to 150000 cfm

## APPLICATIONS

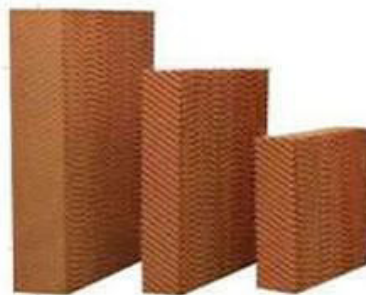
Supermarket, Office, Shopping Mall, Showroom, Restaurant & Bar, School, Institute, Marriage / Conference Hall, Industry, Poultry Farm, Green House, Generator Room and even in your Home

## FEATURES

Specially designed distributor tray for uniform water distribution. Very high efficiency (upto 90%) with 'Cellulose Paper cooling pads Variable humidification of the supply air for partial saturation.

## AIR FILTERS

The Pre-Filters are made from multi-layers for nonwoven synthetics, HDPE & metallic meshes. The filter is finally housed in a Galvanized sheet/Aluminum/SS



# DIRECT DRIVE CABINET FANS

## DIRECT DRIVE CABINET FANS

Low Noise Type Cabinet fans are ducted ventilating fans with both intake and outlet opening fixing at the interior and exterior of the house respectively. They can be used as a single part or multi-port to exhaust air from several areas with one unit. Since only a small ventilation opening is required, the appearance of the interior is not spoiled.



## DAMPERS

### MOTORISED / FIRE / MANUAL



#### Blade

GI opposed blade/aluminium  
extruded blade type

#### Actuator

230 V. 1 ph AC/415v.3 Ph AC,  
Input Signal

Volume control dampers are specially designed for low leakages of air. Dampers are available in GI opposed blade type, aluminium extruded blade type, face and bypass. Such as electrical actuator or fusible link. Blades are provided with brass or nylon bush with gear operated.

#### Body

G.I./Aluminium/S.S.Sheet Fabricated

# AIR TERMINAL PRODUCTS

## Air Diffusers

Four-way square diffusers give equal supply in all directions while three, two and one diffusers limit the supply in the required direction. The removable core simplifies installation and avoids visible mounting screws.

## Constructions

Extruded aluminium. Removable cores.

1, 2, 3 and 4 way are discharge With & without VCD



## Air Grilles

### Linear/Single/Double Deflection

Grilles are used for supply and return air. Removable louvers facilitate installation. Adjustable louvers installed in collars are recommended for vertical air pattern control.



## Constructions

Aluminium

0°, 15° or 30° deflection

With & without VCD

## SPECIAL CHARACTERISTICS

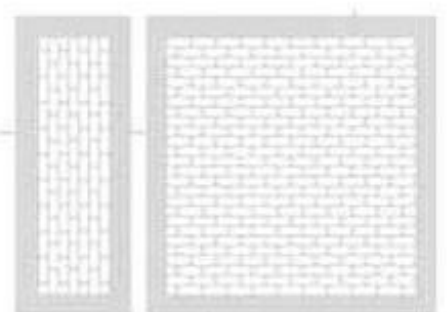


## Louvers

Louvers are available in GI/ Aluminium/5.5.construction for industrial purposes contoured at specific angle to minimize water ingress. & without VCD



## Perforated Grill / Sheet





## Your Products Catalog Begins Here

Thank you for exploring our collection. Each piece is crafted with passion and precision.

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