

HEATING
VENTILATION
AIR CONDITIONING
PRODUCTS



HAVACS
INTERNATIONAL TRADING



We serve the
best to create & keep
our clients

www.havacs.com

At HAVACS INTERNATIONAL TRADING, we redefine excellence in HVAC solutions by offering top-notch products and technical assistance for innovative air conditioning and ventilation systems. Guided by international standards, we ensure the highest quality in every product and service we deliver, making us a trusted name in the GCC market.

MISSION

To deliver premium HVAC products and services that exceed customer expectations.
To stay market-focused and process-centered, embracing the latest technologies.
To ensure value addition, competitive pricing, and on-time delivery.
To provide exceptional service, every time, without exception.

We believe in fostering long-term relationships with our customers by taking personal responsibility to deliver results tailored to their needs.

VISION

To be Qatar's leading representative and service provider of HVAC products across the GCC market. By continuously challenging industry norms, we strive to create innovative solutions that contribute to sustainable growth for our clients and stakeholders.

What Sets Us Apart

Innovative Solutions: Cutting-edge technologies designed to enhance efficiency and performance.

Commitment to Quality: Strict adherence to international standards for reliable, durable products.

Knowledgeable Team: A highly skilled sales team that provides expert guidance and support

Comprehensive Product Line: Representing some of the most preferred brands in air distribution and central air conditioning systems.



Why Choose HAVACS INTERNATIONAL TRADING?

Market-leading products backed by technical expertise.
A proven track record of success and significant growth in
the HVAC industry.

Dedicated to meeting your needs with innovative,
cost-effective solutions.

PRODUCTS

- Fan Coil Unit-Ducted (CHW/DX)
- Fresh Air Handling Unit (CHW/DX)
- Energy Recovery Unit (CHW/DX)
- Ozonisers-odor Control Module
- Electrostatic Air filters
- Hybrid Hood With Ecology Unit
- Room Thermostat
- PICV HOOK UP/Valve Package
- Air Handling Unit (CHW/DX)
- Energy Recovery Ventilator
- Packaged Unit
- Ecology Unit
- Air Purifiers
- Fabric Air Ducts
- Actuators
- VFD Starter Panel

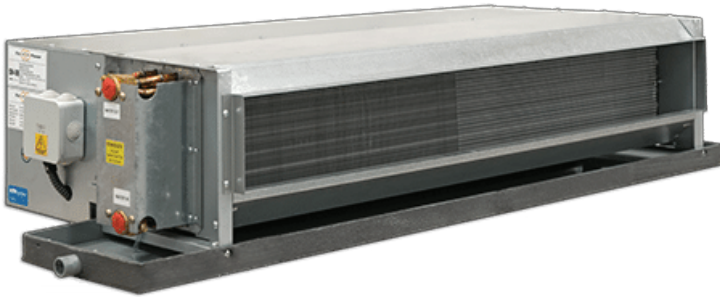


Integrity

Innovation

Client-Centric

Excellence



FAN COIL UNIT (FCU) DUCTED & DECORATIVE

STANDARD FEATURES

- Airflow range from 200 Cfm to 3000 Cfm.
- ESP range from 20 Pa ~ 250 Pa.
- Coil number of rows from 2 to 6 rows.
- Medium – water.
- District cooling or chiller.
- 2 pipe system.
- GI casing well insulated and robust construction.
- Forward curved DIDW fan with statically and dynamically balanced impeller to handle high static with low noise.
- 3 speed permanent split capacitor run, thermally protected motor.
- Maintenance free permanent lubricated ball bearing.
- AC 220 ~ 240 volt, 50 Hz, single phase, IP 20, Class B insulated motors with anti-vibration rubber mounts.
- Electronically Commutated (EC) motors, 50/60 Hz, Class B insulation, IP 20, 3 Speed or Step less control as an option for high efficiency can be provided.

- All motors are wired to a junction box for easy connection. Wiring diagram is pasted beside to identify neutral.
- Return air plenum and filter.
- Access panel provided below plenum for access to motor and fan.
- Aluminium fins are mechanically bonded over 3/8" copper tubes for higher.
- Copper headers with air vent and drain plug.
- Low height for fitting in ceiling voids.
- Die cast powder coated drain pan with foam insulation.
- Coarse filter with up to 65% efficiency.

OPTIONAL FEATURES

- As per IAQ requirements we can provide higher grade filters for our Fan Coil Unit.
- However, performance need to be checked with us as a consequence.
Split filters can be provided for easy ma
- Bottom/ Side removable filters can be provided when return is ducted.
- Bottom return plenum can also be provided.
- Cutouts can be provided on the plenum sides for treated fresh air entry mixing.
- Copper fins can be provided for highly corrosive environment.
- Aluminium fins with coating or fins produced by using coated aluminum fin stock can be provided.
- Class F insulated motors and higher IP ratings available.
- Stainless steel drain pans with foam insulation.
- Extended drain pan and auxiliary drain pans.
- 2 way / 3 way valves with actuators.
- Thermostat



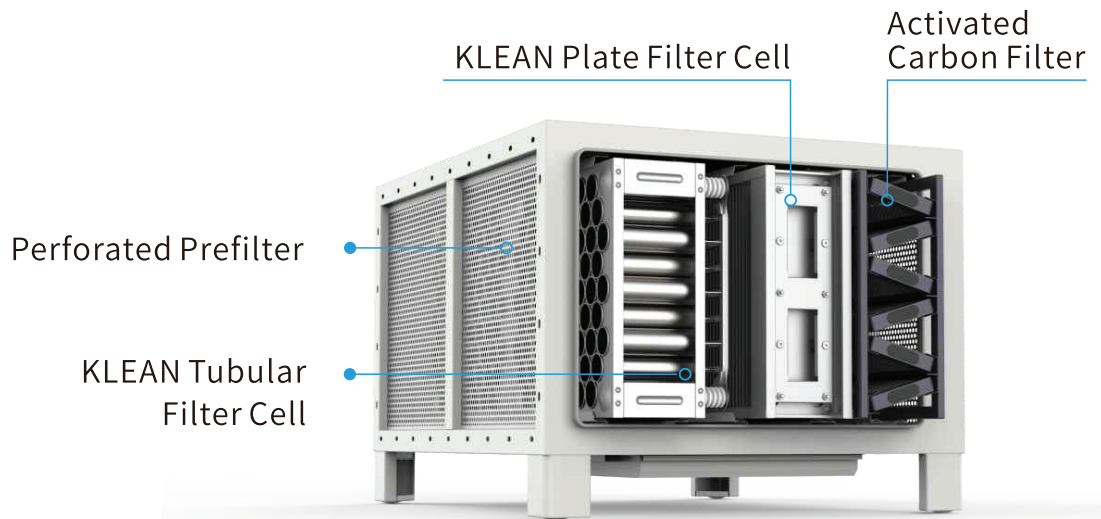
CHW/DX AIR HANDLING UNIT (AHU) FRESH AIR HANDLING UNIT (FAHU) ENERGY RECOVERY UNIT (ERU)



OPTIONAL FEATURES

- Eurovent certified units SK50T SERIES.
- Fresh air handling units are constructed in Thermal break profile.
- High Quality CFC free injected polyurethane foam.
- Rock wool / fiber glass insulation can be provided on required.
- Floor mounted or ceiling suspended type.
- High efficiency backward curved fans tested and certified by AMCA in accordance to AMCA 210 for air performance and AMCA 300 for sound performance and FEG certified fans.
- With EC motors for special applications e.g. LEED, Green building concepts.
- Cooling coils of Aluminum fins and copper tubes / anti corrosive coating, Stainless steel casing etc. can be provided for coastal applications. Suitable for R-22 ,R-410 and R-407 C refrigerant gas.
- Condensing unit with R-22, and other Ozone friendly gas can be provided.
- UL Certified Electric heaters. Stainless Steel drain pan as per ASHRAE 62.2.
- Suitable for Outdoor Applications.
- Can be customized according to the site requirement.
- VFD /Starter control panel can be provided.
- Airflow Available from 1700 CMH to 68000 CMH.



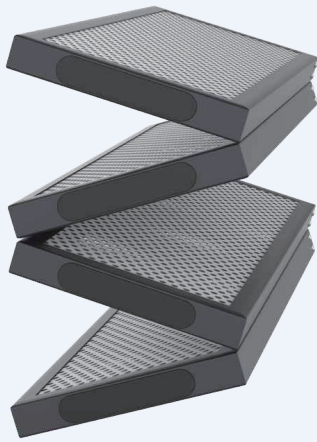


COMMERCIAL KITCHEN ECOLOGY UNIT/ELECTROSTATIC PRECIPITATOR(ESP)

Specially Designed for F&B and Catering industry, Kleanland ESP provides most efficient solution in electrostatic air cleaning for various applications, especially for commercial and institutional cooking processes, has been constantly relied upon to solve client's problems. Kleanland has been undertaking R&D work in many significant science and technology projects of various levels in this field. The fumes generated from the production line pass through a pre-filtration device by which the large particles can be removed. The fumes then are purified by the ESP to finally clean air so that they can be emitted legitimately.

SPECIALLY DESIGNED FOR CATERING INDUSTRY

- Fume/ smoke Elimination Efficiency: up to 95%- Intelligent digital power pack & patented cylindrical honeycomb filter cell
- Digital control & Display - Built in digital display panel & Optional External digital control/display panel.
- American UL/European CE safety Certificate - Arc extinction protection/ multiple discharge protection, etc.
- Door interlock is in place to cut off power - when access door is open to minimize electrical hazards.
- Two types of operating mode - Efficient mode & Intelligent mode.
- IEC 60529 rated IP55 electrical enclosure - Adapt to high temperature & high humidity environment



Modular V-bank Carbon Filter

The carbon-rechargeable panels brings in lots of savings in a long run. The V-shape allows for larger receiving surface and longer dwell time; The modular design provides ease of installation and maintenance for the serviceman. The aluminium alloy carbon casing is light-weighted and highly durable.



V Shape Carbon Panels



Aluminium Alloy Carbon Casing



Modularized Construction



Coal-based Cylindrical Carbon



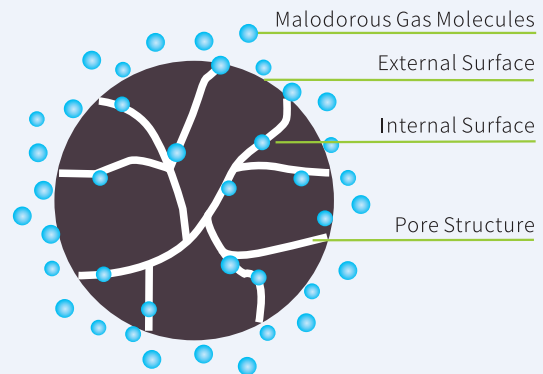
Carbon Refill with Ease



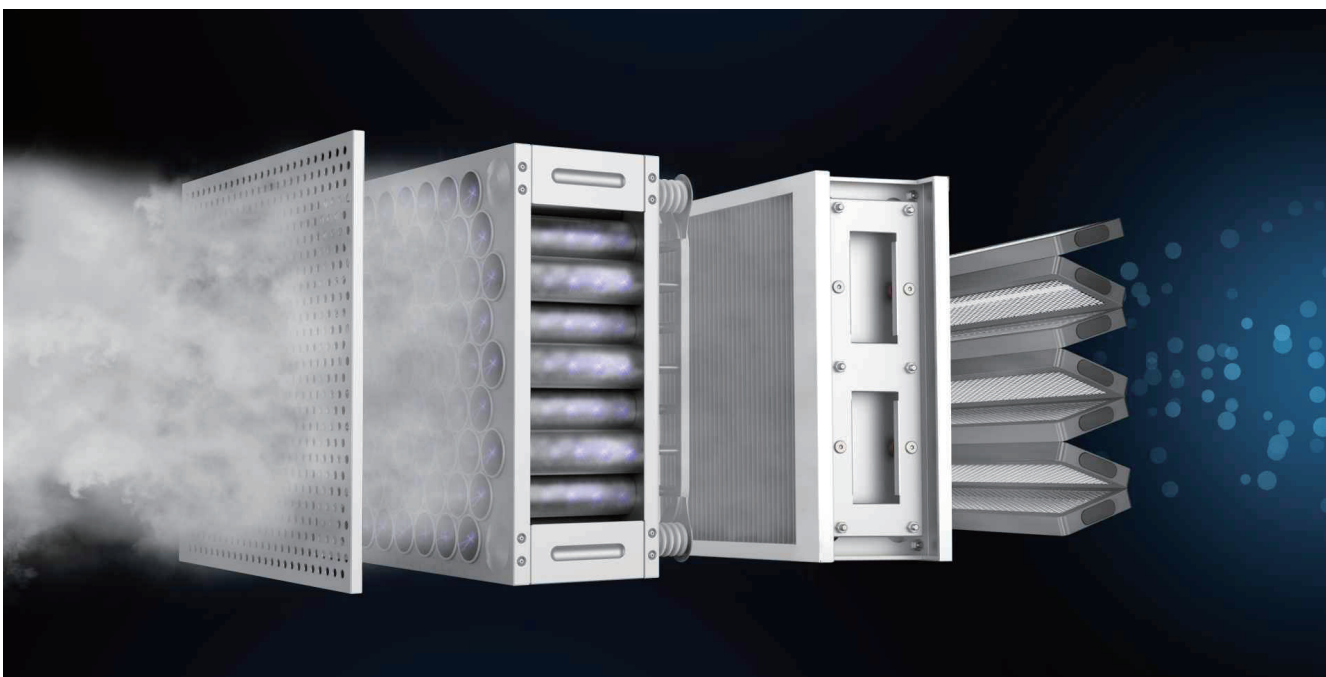
Highly Effective in Odor Removal

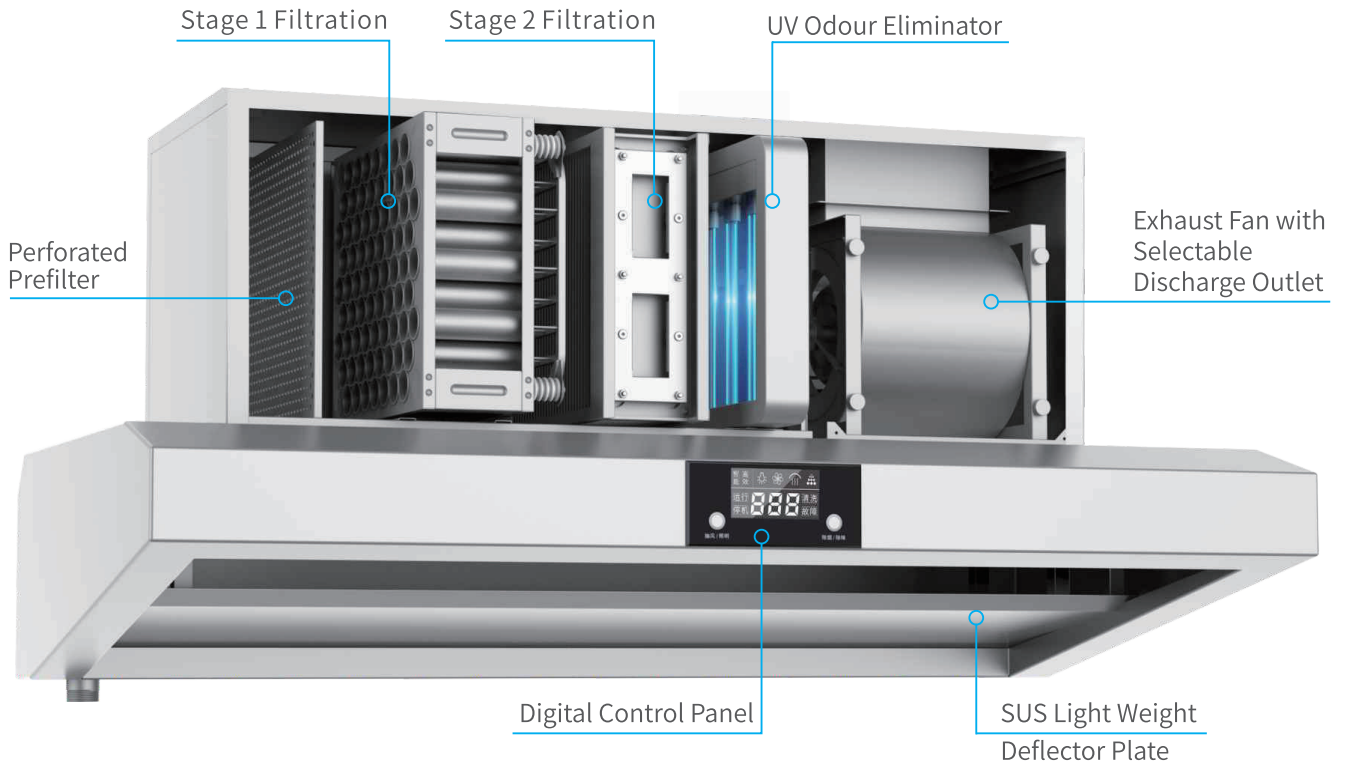


Coal-based Cylindrical Activated Carbon



How does Activated Carbon Adsorption Work





- 
 SUS
 Stainless Steel Construction
- 
 98%
 Highly Efficient
- 
 SUS304 Hybrid Filter
- 
 Less Grease Buildup in Ducts
- 
 IoT Power Pack
- 
 Moisture-proof LED Illuminator

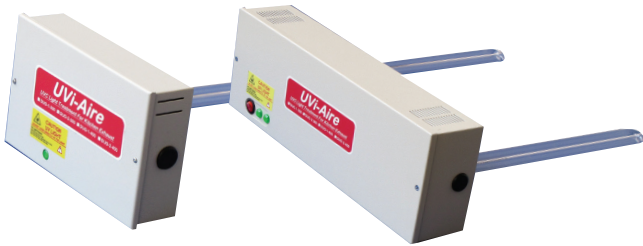


Hybrid Hood with Ecology Unit

98% purification efficiency

- | **Eco-friendly Solution:** Hood/ESP Filter/UV/Fan modules
- | **Heavy-Load Cooking Intended:** Hybrid Tube-Plate ESP filters
- | **Fire Safety:** At Source Treatment/Less Grease Buildup in Ducts

UVi-Aire



UVi-Aire DUO Duct Mounted UVC Ozone

Ozone is produced by UVC lamps without the Titanium Dioxide coating that attenuates frequencies lower than 200 nanometers. At the 187 nm line, it breaks oxygen apart to form two unstable O which in turn fuse with another O₂ to form O₃. Ozone is a powerful oxidant and extremely effective germicidal agent which destroys organic molecules in the air as well as grease and oil from kitchen exhaust. It has a very short lifespan and in ambient temperatures, it will only last 20 to 30 minutes before it returns to normal oxygen O₂.

UVC Ozone is also a scientific breakthrough in odour and grease control, the most effective method known today for eliminating unpleasant odours, grease and oil mist in processing areas. However, in cases where a lot so smoke is generated during the cooking process such as char-grilling, the use of an industrial electronic air cleaner or electrostatic precipitator (EP) is recommended.

CEILING SUSPENDED ELECTRONIC AIR CLEANER

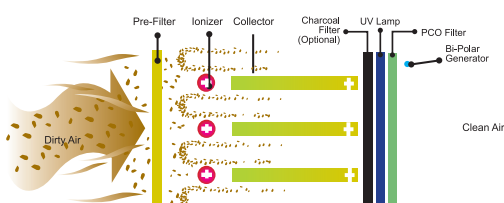


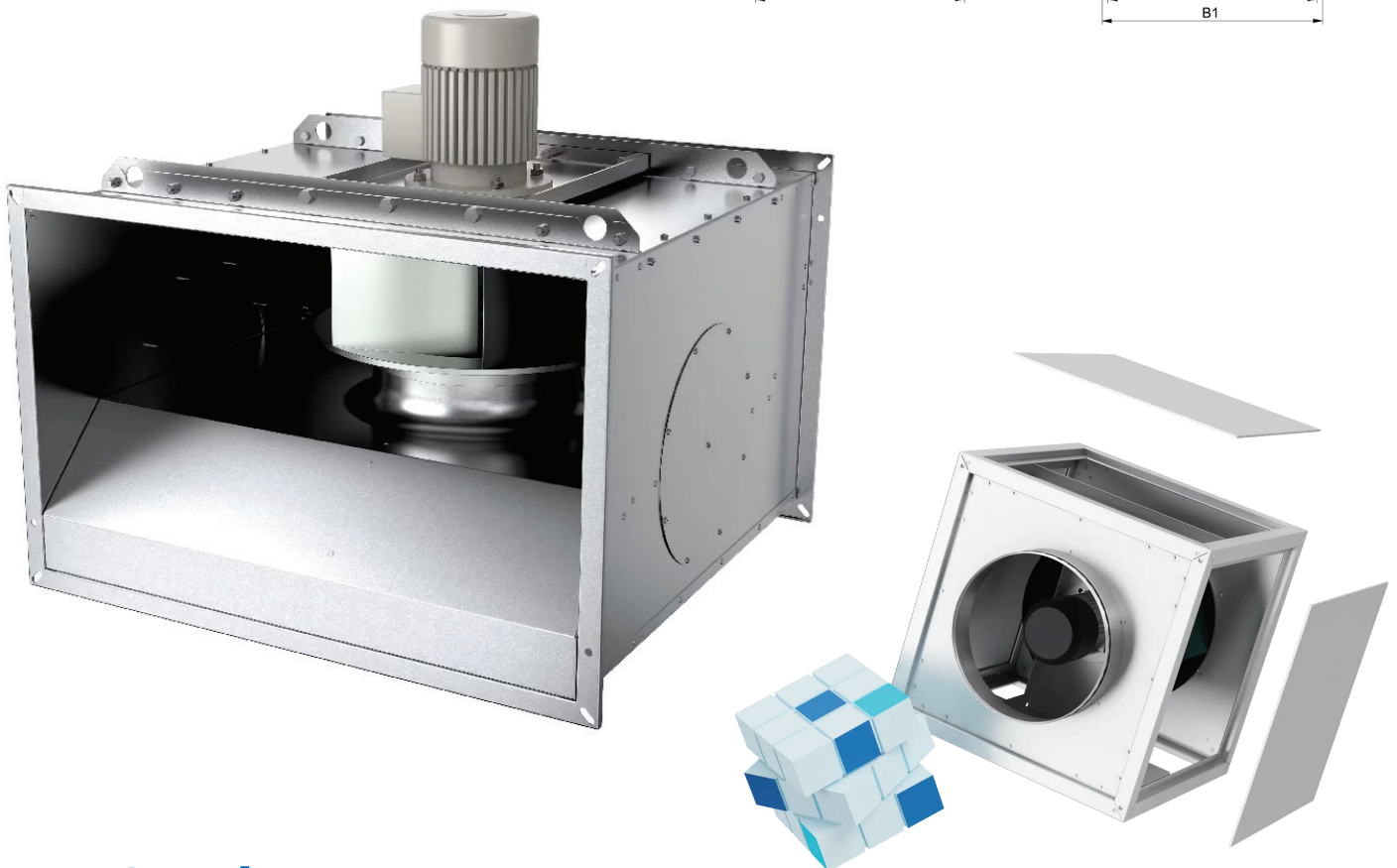
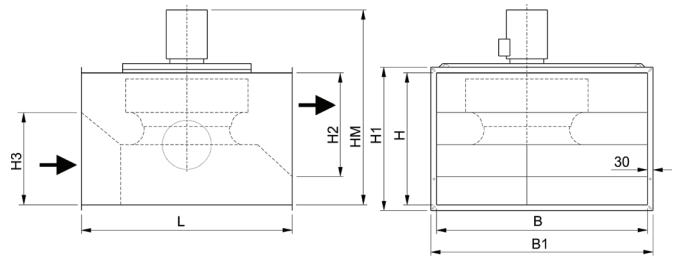
Commercial grades Electronic Air Cleaners featuring electrostatic air cleaning as the principal filter, augmented with multiple air and surface purification technologies. These include UVC Germicidal Irradiation, Photo Catalytic oxidization and Bi-Polar Ionisation. These units are designed to be flush mounted to false ceilings or simply suspended from the ceiling in the room.

FEATURES

- Infra Red Remote Control Manual setting on power on is available via hard switch inside the unit. This eliminate the use of the remote control unit.
- 3 Speed motor control for desired rate of cleaning.
- Washable Main Filters and Pre-filters.
- Flush Mounted to false ceiling, fits into 60cm x 60cm and 60cm x 120cm ceiling board.
- Recirculates clean indoor air without any loss of airconditioning or heating in the room. Dirty air intake in one direction and clean air discharge in 3 directions.
- Collect dust particles from 0.01 microns and up.
- Multiple technologies for air and surface purification.
- For heavy odor, like cigarette smoke, the UVC lamp can be changed to an UV ozone Lamp. The charcoal filter can be omitted. UV ozone lamp is available on special order only

How The DM450/900N-DC Units Work:





BKF Smoke Extract Duct Fan

- 400°C/120 min (F400)
- Continuous operation up to 120°C media
- Casing made of zinc-magnesium coated steel (ZM)
- Backward curved impeller made from pre-galvanised steel 120°C (size 355, 450) respectively from steel and galvanised
- Motor outside the air stream
- Single speed IE2 motors resp. two speed motors
- PTC serial built-in motor
- Certified according EN 12101-3 by BSI, UK
- Dual purpose (normal ventilation plus smoke and heat extract)
- ErP compliance 2018
- Installation possible in all positions, flange connection 30 mm
- Installation outside building or inside building, outside fire zone in well ventilated rooms
- Applications: malls, garages, warehouses, kitchen exhaust

FABRIC/TEXTILE AIR DUCTS



A flexible Air dispersion system for the HVAC/R industry made of special high tech fabric (Polyester, inherent fire retardant) replacing traditional air ducts, air dampers, diffusers/Grills and insulation.

DurkeeSox is a subsidiary of US registered DURKEE INTERNATIONAL INDUSTRY LTD, a high tech enterprise, with focus in the HVAC/R industry. As a manufacturing and service oriented organization, DurkeeSox has established modern manufacturing centers (China, Asia & America).



Being a world renowned fabric air dispersion system supplier, DurkeeSox has become a dominant leading brand in the vast Asian market and globally

DurkeeSox[®]



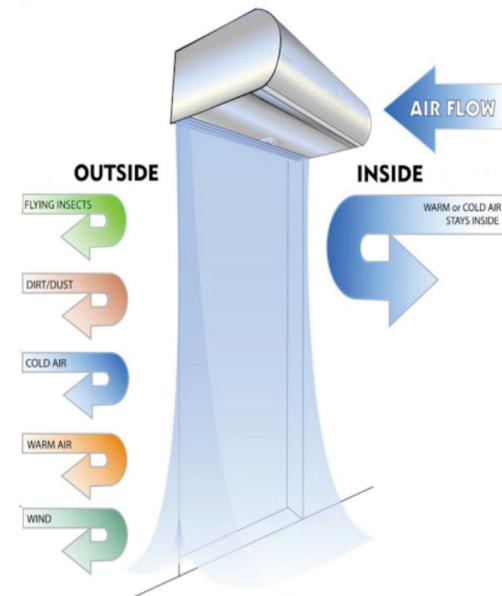
DurkeeSox system disperses airflow through fabric permeation and designed multi-row orifices to form a tridimensional air dispersion effect with great comfort, overall even airflow and precise air throw.

APPLICATION

- Machinery Factory.
- Logistics Warehouse.
- Food Processing Plant
- Cold Storage & Refrigeration Industry
- Sports Facility
- Transportation & Exhibition Hub
- Conference Hall
- Shopping Mall & Supermarket
- Performance Arts Venue
- Entertainment facility & Fitness Center

AIR CURTAIN

Air curtain is driven by a single-phase capacitor-operated motor, which drives a uniformly-shaped through-flow aluminum alloy wind wheel, or increases the plastic wind wheel to produce evenly distributed curtain airflow, which can reduce and block indoor and outdoor air convection.



DEHUMIDIFIER

A dehumidifier for swimming pools and indoor applications

Controls humidity, prevents condensation, and protects spaces from mold and corrosion. Ideal for maintaining air quality in pool areas, gyms, and other indoor spaces, it ensures a comfortable and healthy environment. Key features include energy efficiency, quiet operation, and durable design tailored to high-moisture conditions.



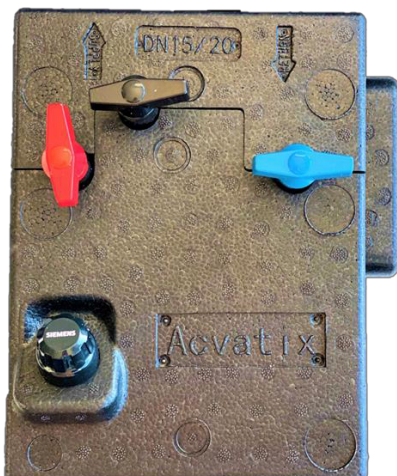
KEY FEATURES

- R32 Eco-friendly Refrigerant
- 2 Options for Easy Installation
- Strong Anti-rusting Casing
- Remote Control by Fairland Smart Pool APP
- Optional Electric heating
- Full Inverter Technology

SIEMENS

Siemens market approach provides world class customer choice. No matter the project scope or need – we offer the right solutions and products for the entire lifecycle of your HVAC.

From valves and actuators to sensors and thermostats: All of our products fulfill the highest quality standards. Energy efficiency, easy handling and long lifecycles are among the essential features of every single one of our products. And open communication standards like KNX and BACnet enhance compatibility and easily allow for seamless integration into building automation and control systems – this is how perfect places become a reality. Our portfolio offers you all the products you need from just one source. You benefit from consistent installation processes and easy engineering for every single product. Plus, you'll receive support anywhere and anytime, with tools and apps designed to make your work as simple as possible – so you can focus on creating perfect places for your customers.



- PICV
- VALVE KIT / HOOKUP SYSTEM
- ROOM THERMOSTAT
- PICV ACTUATOR
- TEMPERATURE SENSOR
- FLEXIBLE HOSE
- VALVES & METERS



Block #6, 2F, Arkan Building
The Commercial Avenue,
Abu Hamour , Fax: +974 4476
9900, PO Box.: 31260,
Doha-Qatar

+974 4476 9942
info@havacs.com

www.havacs.com