



A Complete Air Solution
AN ISO 9001:2015 CERTIFIED COMPANY

One Stop Solutions for AHU Manufacturer



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VISHAL

ENGINEERING WORKS

One Stop Solutions for AHU Manufacturer

VISHAL ENGINEERING WORKS



ISO 9001 : 2015
Certified Company

www.airtej.in | info@airtej.in

OUR FEASIBILITIES

ACROSS INDIA



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COMMITTED TO A **HEALTHIER ENVIRONMENT**



Mr. Vishal S. Sakhale



Mr. Rahul S. Sakhale

Founded by visionary and self-made businessman Mr. Vishal S. Sakhale, who have had three decades of business experience, along with his brother Mr. Rahul S. Sakhale, who have had two decade's experience in the HVAC industry as well as steel Metal Parts, Control Panel Fabrication, Metal Dies & Punches, Jig Fixtures, Press metal Parts in brass, Copper SS & MS etc. AIRTEJ has come a long way from a turnover of INR 1.5 crores in 1996 to INR 25 crores plus in 2020. AIRTEJ specializes in manufacturing Air Handling Systems. At the heart of the company's DNA is the vision that healthy economic growth and a healthy environment should go hand in hand. To achieve this goal, AIRTEJ has committed itself to a unique work philosophy - which stands for Eco-friendliness, Energy Saving & Expertise - three vital principles that guide the company's entire operations. The philosophy flows all the way down from the top to the shop floor, to ensure delivery of world class Air Handling Systems.

OFFICE / FACTORY **MUMBAI**

Plot No.35, Sharma Industrial Estate,
Near Oswal & Paradise Industry,
Village Asangon Tal.Shahapur,
Dist.Thane 421601

BRANCH OFFICE **MANGALORE**

BRANCH OFFICE **KERALA**

BRANCH OFFICE **CHENNAI**



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COMPANY PROFILE

AIRTEJ, we believe that clean and optimized air supply is the key to healthy living and productive working environment. We are passionate about what we do and we work tirelessly to ensure complete customer satisfaction by manufacturing specifically designed products to meet our customer's precise requirement and providing excellent after sales service.

Founded in 12000Sqft, AIRTEJ, has come up the curve, slowly and steadily and had grown into a highly valued brand, is miles ahead of any competition and an undisputed market leader in the designing and manufacturing of innovative, high efficiency cooling solutions. The "Commitment to Quality" is complemented by ISO 9001-2015 certification

Based at the industrial hub of Mumbai, India, AIRTEJ is spread over a sprawling 12,000 sq. ft. area and equipped with state-of-the-art manufacturing infrastructure and a highly skilled and efficient workforce, working steadily to provide all type of air management system solutions differentiated through innovation and service; an ethos that has a great deal of synergy with our vision. We have an impeccable record of working with clients in both the public and private sector. Manufacture, testing, installation, service and maintenance of our air handling equipment.

We maintain the highest standard possible in the manufacturing process as per international norms and totally committed to provide an unrivalled depth of range and expertise in all aspects of the design, manufacture, testing, installation, service and maintenance of our air handling equipment..

VISION

To be the best solutions provider for accessories of air handling units by providing unmatched quality products at the most competitive prices and exceeding customer expectations with the best services.

MISSION

Committed to bring best unit products for Air Handling Unit Industries by adhering to international standards.



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INTRODUCTION

GENERAL

When you choose our products your choice is supported by over very well experienced personals in the field of air handling unit manufacturing. This means that you will receive a balanced high quality modular air handling system. A system that can also be easily integrated with other systems, such as chilled-water units DX unit, fan coil units etc. This means that you always have the assurance of an optimized heating, ventilation and air conditioning system.

AIR HANDLING UNIT IN HVAC

The AHU is the most important part of your HVAC system. It's what makes sure that you have fresh, clean and comfortable air in your office and industries

But as we all know, this isn't always the case. Air can get dirty very quickly and if it's not cleaned regularly enough, mold or mildew will start to form on the coils inside your AC unit. This is why regular maintenance is an absolute must when it comes to keeping your A/C running smoothly for a long time!

That's where AIRTEJ comes in! The air handling unit manufactured by AIRTEJ uses a combination of ultraviolet light and high-efficiency pre-filters to eliminate 99% of bacteria from within the coil housing itself! With just one one-time cost and routine service every 3 month (or more frequently depending on how much use you give it), you'll be able to keep mold spores at bay for good! In addition, our UV-zone technology also kills airborne viruses, bacteria, and other pathogens.

We strive to offer products characterized by high performance, functional safety, and minimum space requirements & timeless, attractive design. We offer everything you need - ideas, components, products, systems, knowledge and experience – to achieve indoor climate, which will be totally unobtrusive to the people occupying area.

Our extensive product range means we are able to provide Design, Supply and Installation of Clean room and Controlled Environment Products for
Pharmaceutical Production

- Laboratories
- Micro-Electronic Production
- Engineering facilities
- Food & Beverage production
- Medical Device manufacture
- Commercial & Offices
- Hospitals and Operation Theaters

Design, Supply and Installation

- Air Handling Units for Air-condition and Ventilation system

We also provide Control documents for reference & future use, Performance Certification and Validation.

- CLEAN ROOM PARTITION AND AIR TIGHT FALSE CEILING WITH COVING
- AIR TIGHT DOORS & VIEW PANEL
- AIR HANDLING UNIT
- HEPA FILTER, MICROVEE FILTER & PRE FILTER



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QUALITY

QUALITY THAT CONFIRMS TO THE BEST STANDARDS

Environment Management & Quality Management at the core ... that's AIRTEJ for you!

At AIRTEJ, quality management is not a once-in-a-decade phenomenon, but an innate attribute that is deeply ingrained in our organizational DNA.

Our state-of-the-art manufacturing plant is equipped to meet the challenges of any market requirement.

Each product passes through stringent quality & environment-friendliness checks at every stage of production.

Armed with ISO 9001:20015 certifications, AIRTEJ is ready to serve its many discerning customers at home and abroad.



STATE-OF-THE-ART ECO-FRIENDLY FACILITY

With an all new state-of-the-art facility at Shahapur, Asangaon, spanning over 12,000 sq. ft. of manufacturing space, AIRTEJ is poised to take a quantum leap forward in offering its customers a more advanced & bigger range of premium & energy efficient AHUs & FCUs for both standard configuration and critical applications, with a wide selection of components to meet each need.

At AIRTEJ, achieving ever greater energy efficiency is a constant objective. In our endeavour to become No. 1 company in manufacturing energy efficient AHUs & FCUs, we relentlessly redesign & renovate our assembly lines at our manufacturing facility together with employing latest machines from all over the world to make AHUs & FCUs with rugged construction for ease of installation, longevity and powerful performance



COMPLETE 360° SOLUTIONS WITH MAXIMUM FLEXIBILITY

At AIRTEJ, we have an insight that most of the Air Handling configurations do not repeat themselves: with our 360° approach we work towards satisfying all goals right from understanding the brief, to designing, to component selection, custom made manufacturing followed by smooth installation & ensuring best performance post sales. Moreover, all these are done with the very best in dimension, material & component flexibility

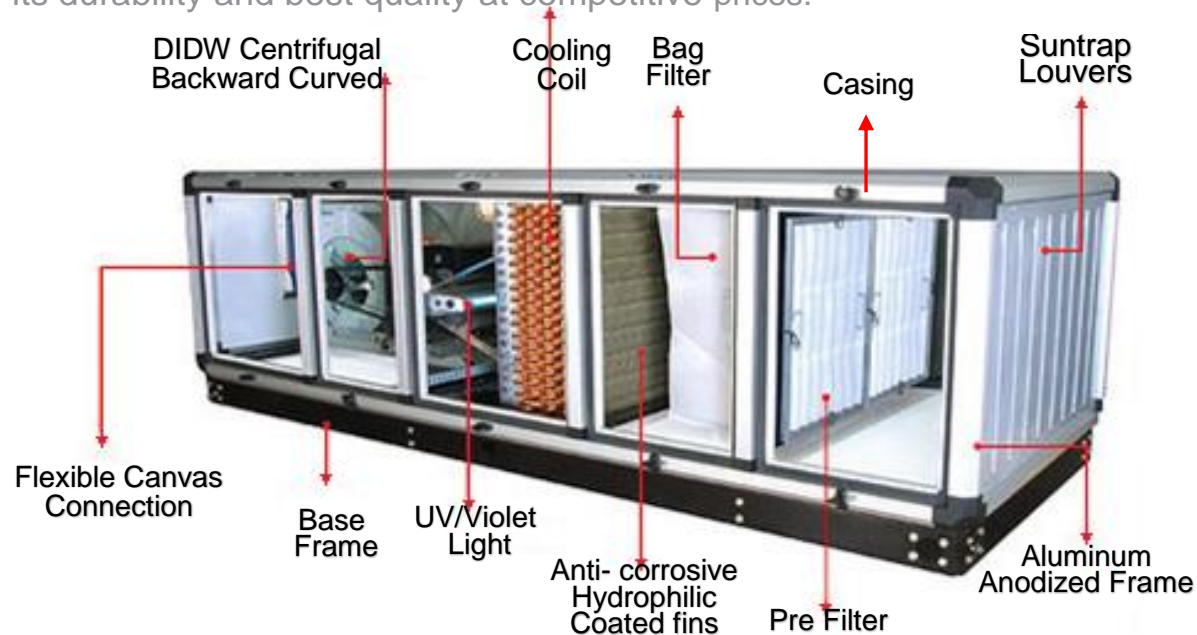


EXPERT IN AIR HANDLING SOLUTIONS

Installations ranging from home, offices, industrial buildings, food industries, hospitals & labs, data processing center and school to institutions, AIRTEJ Air Handling Solutions over the years have earned a global reputation for unparalleled energy efficient and eco-friendly product performance. In areas of critical importance such as hospitals and labs where clean rooms call for zero tolerance, AIRTEJ ensures all parameters are met with utmost focus.



AIRTEJ is manufacturer supplier and exporter of AHU or Air Handling Units. The AHU's are manufactured in varied configurations- Floor Mounted Type, Vertical type, and customized one as per customer specific requirements. The product quality is top most priority and quality check and monitoring start right from design & raw material selection. The product is manufactured and made available both in 25 mm & 43mm puff insulated double skin with or without thermal break profile as per requirement. Air Handling units are manufactured both in Single tier and two tier as per need of the project. Our Air Handling units are appreciated by Clients and user industries for its durability and best quality at competitive prices.



OUR PRODUCTS

AIR HANDLING UNIT SOLUTIONS

Offering you a complete choice of products which include Pharmaceutical Air Handling Unit, Double Skin Air Handling Unit, Standard Horizontal Floor Mounted Air Handling Unit, Ceiling Suspended Air Handling Unit, Air Handling Unit and Single Skin Unit.

Pharmaceutical Air
Handling Unit



Double Skin Air Handling
Unit



Floor Mounted
Horizontal AHU



Ceiling Suspended AHU



Vertical Type AHU



Ventilation Fresh Air Unit



Industrial AHU



Single Skin Unit





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OUR PRODUCTS

HEAT RECOVERY UNIT SOLUTIONS

We are a leading Manufacturer of Heat Recovery Unit and Heat Recovery Ventilation Unit

Heat Recovery Units



Heat Recovery Ventilation Unit



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OUR PRODUCTS

FLOOR MOUNTED WET SCRUBBER SOLUTIONS

We offer Standard Horizontal Floor Mounted Air Scrubber Unit, Kitchen Wet Scrubber and Kitchen Exhaust Wet Scrubber from India.

Kitchen Wet Scrubber



Kitchen Exhaust Wet Scrubber



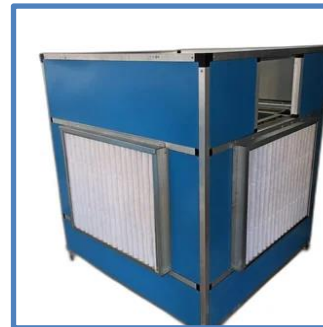
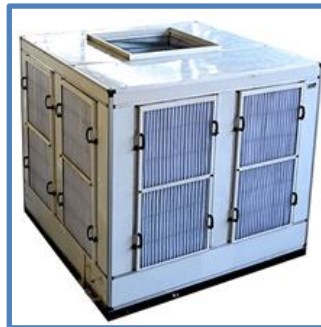
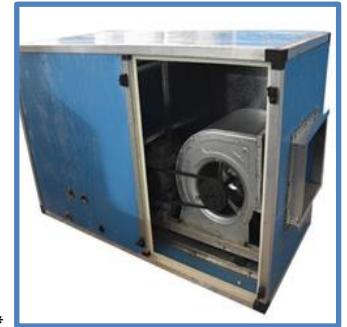


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AIR WASHER UNIT SOLUTIONS

An Air Washer is a unit of equipment that is designed to improve air quality by scrubbing the air that moves through it and adjusting humidity levels to keep the environment consistent. Air washer are used as part of climate Control and air quality systems

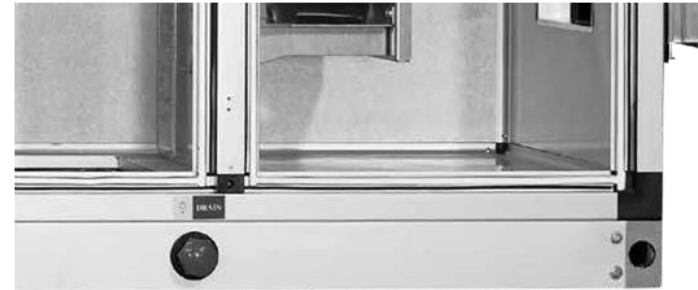
OUR PRODUCTS



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OUR FRAME OF STRENGTH AND STABILITY

To provide unique design with inherent strength & stability, AIRTEJ range of standard air handling units are assembled with self-supporting modular framework, constructed of corrosion resistant extruded aluminium hollow profile, to choose from a wide variety, ranging from basic profiles to specialized true thermal break profiles with coving. The entire module is mounted on a continuous beam of heavy galvanized steel channel/ sectional aluminium alloy base frame held together with special steel fabricated jointers/ die cast aluminium joints with heavy lifting holes for easy handling



CASING & PANELS INTEGRATED TO PROVIDE ROBUST CONSTRUCT & STRENGTH

The standard casing of the units are manufactured from precision cut precoated/ galvanised steel sheets. Double skinned panels insulated with pressure injected CFC/ HCFC free PUF with 'k' value of 0.02 Watts/ mo(and density of 38-40 kg/m3 as standard.

- Standard Panel Thickness: 25mm, 43mm & 50mm
- Thermal break Panels 25mm, 43mm & 50mm

The panels are integrated with an extremely rigid sealed frame construction using specialised gaskets and ensuring gaps between panel junctions are minimal, and consequently minimising air leakage.

With above precision construction the units achieve the best of the classification under mechanical strength; casing leakage, filter by pass leakage, thermal transmittance and thermal bridging when measured as per standards of per EN 1886



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COMPONENTS

HINGES HANDLES, KNOBS & DRAIN

FLEXIBILITY TO CHOOSE

AIRTEJ AHUs can be manufactured in varied configurations, with a wide selection of components, to meet varied customer requirements. To help arrive at optimum performance of the system, we offer total flexibility for our customers to choose construction material from galvanized steel, pre-painted, stainless steel aluminium and more.

HYGIENIC WAY TO DRAIN MICRO ORGANISM...

Unique hygienic drain-pan designed with multi slope ensures positive drainage of the condensate. The drain pan can be accessed easily for a periodic cleaning.

There is flexibility to choose construction material in SS 304/316, Aluminium and GSS. The drain pan is insulated for thermal protection with 13 mm thick closed cell elastomeric insulation as standard. Puff injected drain pan also available as an option.



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LOUVERS

These Louvers are designed under the supervision of skilled technocrats using superior quality raw material and latest technology. The offered Louvers are widely appreciated for their durable finish standards, high strength and dimensional accuracy

Our Products

Fresh Air Louvers

Drum Louver

Single Louver Aluminum Grill

Double Louver Aluminum Grill

Aluminum Louvers

Double Louver MS Grill

Single Louver MS Grill

Air Intake Louver Grills

Acoustic Louver

Intake Louvers





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COMPONENTS

CENTRIFUGAL FANS

ENSURING OPTIMUM CORE EFFICIENCIES BY FIXING THE BEST IN CLASS TECHNOLOGY BASED FANS & MOTORS

Depending upon the application requirement, AIRTEJ offers a wide variety of fans like DIDW & SISW centrifugal fans. These fans are available in forward curve, backward curve or aerofoil blade construction in belt drive with options of v belts, flat belts or direct drive arrangement. We also offer Direct Driven Plug fans with AC motors and VFD or Plug fans with EC motors.

Each fan is individually tested, precision balanced statically & dynamically by fan manufacturer as per prevailing international standards and norms. High efficiency, low noise and low power consumption is the basic philosophy followed while selecting fans and each selection is thoroughly checked for suitability to the application. Similarly all our AHUs incorporate high efficiency motors ensure durable performance.

Fan & motor assembly is mounted on extruded aluminium slide rails with provision for easy belt tensioning (in case of belt drive units). To ensure low operating noise & vibration, fan and motors are isolated from the unit casing with fire retardant anti-fungal, anti-bacterial Neoprene impregnated, moisture resistant flexible canvas connection. The complete fan and motor assembly is mounted on combination of spring & rubber vibration isolators, selected to match the power with ratio for maximum isolation.



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HEAT EXCHANGERS/ COILS

AIRTEJ offers a wide range of Heat Exchangers/ Coils for chilled* water/ hot* water/ steam/ refrigerant and brine applications, for diverse end-uses.

Certified by AHRI*, coils are selected using world class computerized selection program to obtain optimum psychometric efficiency with low air and water pressure drop.

AIRTEJ offers plain or inner grooved copper tubes in 1/2", 5/8" and 3/8" diameter -with wall thicknesses, fin spacing, row depth and circuiting combinations as per application requirements.

We offer high quality Aluminum coils in plain & hydrophilic-coated options with fin spacing from 8-14 FPI.

AIRTEJ Coils over the years have evolved as world class products, thanks to quality that is the best in the business. Leading edge technology, excellence in engineering, and flexible production formats for complete customer satisfaction -- all make AIRTEJ Coils the perfect choice for Air Handling Systems.



Chilled Water Coils



DX Cooling Coils

SUPREME EFFICIENT FILTER FOR UNSEEN IMPURITIES

One of the purposes of the air handling unit is to ensure the purity of the room air. Air filtering is related to the quantity, variety and size of the suspended impurities, the existence of contaminant gases or odours, and the desired filtering efficiency. All types of filters such as pre-filters, panel, bag, pleated, electrostatic, chemical, carbon, hepa and ulpa are available



Clean Fresh Air Now At your Fingertips

Fully sealed filter sections are designed for easy withdrawal and renewal of filter cells and are constructed to house any type of primary or secondary filters of different media with variable efficiencies.

Panel filters offered as standard are manufactured from pleated media which consists of reinforced non-woven fibers, with expanded diamond grid to provide maximum support. Pleating the media effectively increases the filtration area to more than three times that of the face area, providing high dust holding capacity and low pressure loss. The pleat pack is encased in extruded aluminum or GI frame.

In areas of particular importance, such as hospitals and clean rooms absolute filters can be provided to ensure safe human and machine environments.

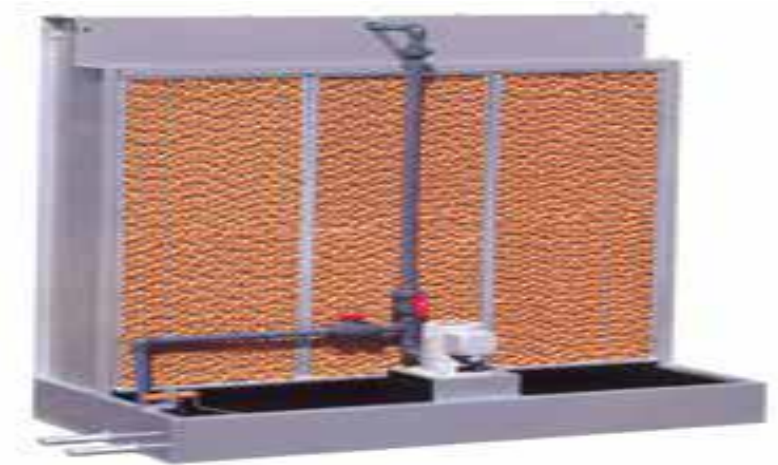
Filter By pass leakage complies with class F9 according to EN 1886

HUMIDIFICATION SECTION

Humidification section can be offered/added in the standard units as an independent section.

Based on job requirement, these sections /units can be offered with different types of Humidification systems /medium to choose from Cellulose Paper based media, Water spray type in single or double bank, For Critical applications we also offer pan type as well steam type humidifiers.

We also offer standalone/ independent humidification units commonly known as Air washers, evaporative cooling units, scrubber etc. These units can be supplied with standard arrangement of single stage evaporative cooling system as well as two stage evaporative cooling system.



FILTERS: Full range of filters available, such as disposable, washable varicel, auto roll and HEPA

DAMPER: Constructed of aluminium opposed blade construction

ELIMINATOR: Extruded from high quality polypropylene, reinforced with talc installed downstream of cooling coils to capture the condensate droplets

HEATER: Selection of Heaters are available

SILENCER: Suited for sound sensitive environment

ISOLATOR: Full range of isolators are available, including free standing and housing spring mount

INTERIOR LIGHTING: Side mounted lamps to illuminate AHU interior during maintenance



COMPONENTS

TECHNICAL DATA



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Standard Horizontal Floor Mounted Air Handling Units

Model	AIR VOLUME (CFM)	FAN DIA (MM)	Fan Outlet Velocity (m/s)	Motor Power (Kw) @ 50 mm stpr	AHU includes (50 mm thick Pre filter 4-6 RD Coil & Fan)			Length for Mixing Box section	Discharge Plenum length with Fine Filter	Discharge Plenum length with Fine & Hepa Filter	AHU's Static Weight (Kg.)	Filter Grid X = 610 x 610 Y = 610 x 305
					Width (mm)	Height(mm)	Length(mm)					
AIR-HT-10	1000	180	9.8	0.75	780	750	1250	500	1100	2100	140	1Y
AIR-HT-15	1500	225	8.5	0.75	780	850	1250	500	1100	2100	190	1X
AIR-HT-20	2000	250	9.1	1.1	850	850	1350	500	1100	2100	200	1X
AIR-HT-25	2500	280	9.1	1.5	1100	900	1500	500	1100	2100	260	1X+1Y
AIR-HT-30	3000	315	8.7	1.5	1180	950	1500	500	1100	2100	350	1X+1Y
AIR-HT-40	4000	355	9.3	2.2	1430	950	1600	500	1100	2100	380	2X
AIR-HT-50	5000	400	9.2	2.2	1430	1180	1700	500	1100	2100	510	2X+2Y
AIR-HT-60	6000	450	8.8	3.7	1520	1180	1700	500	1100	2100	550	2X+2Y
AIR-HT-80	8000	500	9.3	3.7	1580	1480	1700	500	1100	2100	650	4X
AIR-HT-100	10000	560	9.2	5.5	1810	1500	1750	500	1200	2100	830	4X+2Y
AIR-HT-200	12000	630	8.8	5.5	2150	1560	2000	600	1200	2200	920	6X
AIR-HT-150	15000	710	8.8	7.5	2150	1850	2100	600	1200	2200	1150	6X+3Y
AIR-HT-180	18000	710	10.5	7.5	2150	2100	2250	600	1400	2200	1250	9X
AIR-HT-200	20000	800	9.3	7.5	2720	1850	2400	600	1400	2200	1500	8X+4Y
AIR-HT-240	24000	900	8.9	9.3	2720	2260	2700	700	1400	2200	1920	12X
AIR-HT-300	30000	1000	8.8	11	3250	2260	2900	700	1400	2400	2540	15X
AIR-HT-350	35000	1000	10.3	15	3250	2500	2900	700	1500	2400	2700	15X+5Y
AIR-HT-400	40000	1000	11.8	18.5	3350	2800	2900	700	1500	2400	2900	20X



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COMPONENTS

TECHNICAL DATA

Standard Horizontal Floor Mounted Ventilation Units											
Model	AIR VOLUME (CFM)	FAN DIA (MM)	Fan Outlet Velocity (m/s)	Motor Power (Kw) @ 50 mm st pr	Width (mm)	Height (mm)	Length (mm) (50 mm thick Pre filter & Fan)	Length for Mixing Box section	Discharge Plenum length with Fine Filter	AHU's Static Weight (Kg.)	Filter Grid X = 610 x 610 Y = 610 x 305
AIR-HT-10	1000	180	9.8	0.75	780	750	830	500	1100	115	1Y
AIR-HT-15	1500	225	8.5	0.75	780	850	970	500	1100	135	1X
AIR-HT-20	2000	250	9.1	1.1	850	850	950	500	1100	165	1X
AIR-HT-25	2500	280	9.1	1.5	1100	900	1050	500	1100	195	1X+1Y
AIR-HT-30	3000	315	8.7	1.5	1180	950	1050	500	1100	220	1X+1Y
AIR-HT-40	4000	355	9.3	2.2	1430	950	1150	500	1100	320	2X
AIR-HT-50	5000	400	9.2	2.2	1430	1180	1300	500	1100	420	2X+2Y
AIR-HT-60	6000	450	8.8	3.7	1520	1180	1300	500	1100	440	2X+2Y
AIR-HT-80	8000	500	9.3	3.7	1580	1480	1300	500	1100	550	4X
AIR-HT-100	10000	560	9.2	5.5	1810	1500	1480	500	1200	680	4X+2Y
AIR-HT-200	12000	630	8.8	5.5	2150	1560	1650	600	1200	750	6X
AIR-HT-150	15000	710	8.8	7.5	2150	1850	1860	600	1200	980	6X+3Y
AIR-HT-180	18000	710	10.5	7.5	2150	2100	1880	600	1400	1020	9X
AIR-HT-200	20000	800	9.3	7.5	2720	1850	2080	600	1400	1300	8X+4Y
AIR-HT-240	24000	900	8.9	9.3	2720	2260	2330	700	1400	1780	12X
AIR-HT-300	30000	1000	8.8	11	3250	2260	2600	700	1400	2200	15X
AIR-HT-350	35000	1000	10.3	15	3250	2500	2600	700	1500	2300	15X+5Y
AIR-HT-400	40000	1000	11.8	18.5	3350	2800	2600	700	1500	2400	20X

Standard Ceiling Suspended Units								
Model	AIR VOLUME (CFM)	FAN DIA (MM)	Fan Outlet Velocity (m/s)	Motor Power (Kw) @ 50 mm stpr	AHU includes (50 mm thick Pre filter 4-6 RD Coil & Fan)			AHU's Static Weight (Kg.)
					Width (mm)	Height (mm)	Length (mm)	
ACS 10	1000	7/7	8	0.75	980	880	530	110
ACS 15	1500	9/9	9.6	1.1	1000	1000	600	125
ACS 20	2000	10/10	9.8	1.1	1100	1050	630	150
ACS 25	2500	9/7X2	9.7	1.5	1150	1150	700	180
ACS 30	3000	9/9X2	9.1	2.2	1000	1550	600	240
ACS 35	3500	10/10 X2	8.6	2.2	1100	1700	630	260
ACS 40	4000	10/10 x2	9.9	2.2	1100	1800	630	270
ACS 45	4500	12/9 X2	10.1	2.2	1150	1950	660	330
ACS 50	5000	12/12 X2	9	3.7	1150	1950	700	350
ACS 60	6000	15/11X2	9.4	3.7	1200	2050	800	350
ACS 70	7000	15/15 X2	8.6	3.7	1250	2140	800	500
ACS 80	8000	15/15 X2	9.9	5.5	1250	2500	800	510
ACS 100	10000	18/18 X2	8.9	5.5	1520	2600	950	700
ACS 120	12000	18/18 X2	10.7	7.5	1520	2690	950	720



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COMPONENTS

TECHNICAL DATA

Standard Vertical Units								
Model	AIR VOLUME (CFM)	FAN DIA (MM)	Fan Outlet Velocity (m/s)	Motor Power (Kw) @ 50 mm stpr	AHU includes (50 mm thick Pre filter 4-6 RD Coil & Fan)			AHU's Static Weight (Kg.)
					Width (mm)	Height (mm)	Length (mm)	
AVC 10	1000	7/7	8	0.75	650	900	1100	135
AVC 15	1500	9/9	9.6	1.1	700	1000	1300	160
AVC 20	2000	10/10	9.8	1.1	780	1110	1400	200
AVC 25	2500	9/7X2	9.7	1.5	700	1500	1220	250
AVC 30	3000	9/9X2	9.1	2.2	700	1520	1250	330
AVC 35	3500	10/10 X2	8.6	2.2	780	1740	1350	350
AVC 40	4000	10/10 x2	9.9	2.2	780	1950	1350	370
AVC 45	4500	12/9 X2	10.1	2.2	850	1910	1500	450
AVC 50	5000	12/12 X2	9	3.7	850	2100	1500	500
AVC 60	6000	15/11X2	9.4	3.7	800	2020	1600	550
AVC 70	7000	15/15 X2	8.6	3.7	950	2150	1700	610
AVC 80	8000	15/15 X2	9.9	5.5	950	2220	1800	700
AVC 100	10000	18/18 X2	8.9	5.5	1100	2510	2000	900
AVC 120	12000	18/18 X2	10.7	7.5	1200	2660	2100	950

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Air washer units									
Model	AIR VOLUME (CFM)	FAN DIA (MM)	Fan Outlet Velocity (m/s)	Motor Power (Kw) @ 50 mm stpr	Air washer includes 50 mm thick Pre Filter Cooling pad 200 mm, 4 pass PVC Eliminator & Fan motor.			Length for intake Section	Pump Rating (Single Phase /Three Phase)
					Width (mm)	Height (mm)	Length (mm)		
AAW 20	2000	250	9.1	1.1	850	880	1800	500	0.5 HP
AAW 25	2500	280	9.1	1.5	1100	880	1800	500	0.5 HP
AAW 30	3000	315	8.7	1.5	1180	920	1900	500	0.5 HP
AAW 40	4000	355	9.3	2.2	1460	920	1950	500	0.5 HP
AAW 50	5000	400	9.2	2.2	1460	1160	2150	500	0.5 HP
AAW 60	6000	450	8.8	3.7	1460	1160	2150	500	0.5 HP
AAW 80	8000	500	9.3	3.7	1600	1580	2150	500	0.5 HP
AAW 100	10000	560	9.2	5.5	1800	1680	2260	500	0.5 HP
AAW 120	12000	630	8.8	5.5	2150	1680	2400	600	0.5 HP
AAW 150	15000	710	8.8	7.5	2200	1850	2600	600	0.5 HP
AAW 180	18000	710	10.5	7.5	2200	2200	2600	600	0.5 HP
AAW 200	20000	800	9.3	7.5	2700	1850	2800	600	1.0 HP
AAW 240	24000	900	8.9	9.3	2700	2180	3000	700	1.0 HP
AAW 300	30000	1000	8.8	11	3000	2250	3000	700	1.0 HP
AAW 350	35000	1000	10.3	15	3250	2600	3300	700	1.0 HP
AAW 400	40000	1000	11.8	18.5	3250	2800	3300	700	1.0 HP



A Complete Air Solution
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COMPONENTS

TECHNICAL DATA

Standard Horizontal Floor Mounted Air Scrubber Units

Model	AIR VOLUME (CFM)	FAN DIA (MM)	Fan Outlet Velocity (m/s)	Motor Power (Kw) @ 50 mm stpr	Length of air scrubber includes 50 mm thick pre filter, double spray bank ,6 AASs PVC eliminator and fan.			Water tank capacity in liters	Length for intake Section (if reqd.)	Pump Rating (Single Phase /Three Phase)
					Width (mm)	Height (mm)	Length (mm)			
AAS 20	2000	250	9.1	1.1	850	880	2500	380	500	0.5 HP
AAS 25	2500	280	9.1	1.5	1100	880	2500	480	500	0.5 HP
AAS 30	3000	315	8.7	1.5	1180	920	2500	500	500	1.0 HP
AAS 40	4000	355	9.3	2.2	1460	920	2600	600	500	1.0 HP
AAS 50	5000	400	9.2	2.2	1460	1160	2700	600	500	1.0 HP
AAS 60	6000	450	8.8	3.7	1460	1160	2700	650	500	1.0 HP
AAS 80	8000	500	9.3	3.7	1600	1580	2700	780	500	1.5 HP
AAS 100	10000	560	9.2	5.5	1800	1680	2800	900	500	1.5 HP
AAS 120	12000	630	8.8	5.5	2150	1680	3100	950	600	1.5 HP
AAS 150	15000	710	8.8	7.5	2200	1850	3350	980	600	3.0 HP
AAS 180	18000	710	10.5	7.5	2200	2200	3350	1000	600	3.0 HP
AAS 200	20000	800	9.3	7.5	2700	1850	3850	1450	600	5.0 HP
AAS 240	24000	900	8.9	9.3	2700	2180	3850	1750	700	5.0 HP
AAS 300	30000	1000	8.8	11	3000	2250	4220	2200	700	5.0 HP
AAS 350	35000	1000	10.3	15	3250	2600	4220	2300	700	7.5 HP
AAS 400	40000	1000	11.8	18.5	3250	2800	4220	2300	700	7.5 HP

BLUE CHIP CUSTOMERS



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SOME OF OUR BLUE CHIP CUSTOMERS AND INSTALLATIONS





VISHAL

ENGINEERING WORKS

Vishal Engineering Works; Shahapur, Thane (M.S) – Engaged in Designing, Manufacturing and Supplying of Sheet Metal Parts, Control Panel Fabrication and Metal Dies & Press Metal Parts.

We are pleased to introduce ourselves as an ISO 9001:2015 certified professional Group Organization engaged in Designing, Manufacturing and Supplying of Sheet Metal Parts, Control Panel Fabrication and Metal Dies & Punches, Jig Fixtures, Press Metal Parts in Brass, Copper, Stainless Steel, Mild Steel etc. since 1996.

We are supported by sophisticated in house manufacturing facility like a CNC Punching (AMADA), CNC Bending and Shearing (HINDUSTAN HYDRAULICS) etc. As well as, we have tie-up with one nearby well established Powder Coating Firm for Powder coating of sheet metal parts and Control Panel fabrication, So that we can easily deliver the Jobs to our customer duly powder coated.

We are professionally managed Organization having skilled & well experienced Engineers & other man power for designing, manufacturing and stage wise inspection of material to supply high quality products to our customers.

The management strategy is to ensure excellent quality products and services to all customers through final inspection as well as in-process inspection & control as per the relevant IS standards. We are purchasing high quality raw material mostly from manufacturers and ensure internal inward inspection strictly.

We have earned a strong reputation in India through customer satisfaction and we strongly stands in this field about one and half decades mostly due to Best & Consistent Quality.

Gallery Work Station



*Quality is never an accident. It is always the
result of intelligent effort. There must be
the will to produce a superior thing.*

One Stop Solutions for **AHU** Manufacturer

VISHAL ENGINEERING WORKS

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ISO 9001 : 2015
Certified Company

OFFICE / FACTORIES

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