



PINAKY



MSME

MICRO, SMALL & MEDIUM ENTERPRISES

सहकार, सानु एवं मध्यम उद्यम

OUR STRENGTH • हमारी शक्ति

Ministry of MSME, Govt. of India





THE
FUTURE
IN OUR HANDS

Who We Are!!!

We are a pioneering company specializing in the design, manufacturing, and distribution of state-of-the-art air handling units and ventilation systems. With a commitment to quality and innovation, we aim to provide superior indoor air quality solutions for diverse commercial, industrial, and residential applications. Our team of dedicated professionals leverages cutting-edge technology and engineering expertise to deliver products that meet the highest standards of efficiency, reliability, and environmental sustainability.

Our **Vision** is to be recognized as the global leader in HVAC solutions, renowned for our innovation, sustainability, and excellence in engineering. We strive to create a healthier and more comfortable environment for people everywhere by continuously advancing our technology and expanding our reach. Through our unwavering commitment to quality and customer satisfaction, we aim to set new standards in the HVAC industry and contribute to a sustainable future.

At **Pinaky Air Handlers**, our **Mission** is to deliver innovative HVAC solutions for a sustainable future by prioritizing our customers' needs with high-quality, customized air handling systems that enhance indoor air quality and energy efficiency.

We are dedicated to continuous investment in research and development to drive innovation and maintain excellence in our products and services. Our commitment to sustainability drives us to design and manufacture energy-efficient HVAC systems that reduce carbon footprints and support sustainable building practices.

We foster a dynamic and inclusive workplace that empowers our employees to excel and grow professionally, and we actively engage with our communities through initiatives that promote health, well-being, and environmental stewardship.

By adhering to these principles, **Pinaky Air Handlers** is committed to delivering HVAC solutions that not only meet but exceed the expectations of our customers and stakeholders.

What We Offer!!!

At **Pinaky Air Handlers**, we are committed to providing cutting-edge air handling solutions designed to meet the diverse needs of our clients across various industries. Our extensive range of products ensures optimal air quality, energy efficiency, and comfort in every application.

Here's an overview of our offerings:

Standard & TECH-ENHANCED AHUs

Our air handling units are designed to provide efficient air distribution. Equipped with advanced control systems, our units offer enhanced monitoring and control capabilities for improved efficiency and performance

State-of-the-Art Fan Coil Units

Our Fan Coil Units (FCUs) are designed to provide superior indoor air quality, energy efficiency, and reliable performance for a wide range of commercial, industrial, and residential applications.

Single Stage, Double Stage & Three Stage Air Cooling Units

Ideal for applications requiring efficient cooling, designed for enhanced cooling performance and humidification, our wide range of air washer units provide effective air treatment with minimal energy consumption

Wet & Dry Air Scrubbers

Designed for various kitchens & industrial applications, our air scrubbers effectively remove grease, smoke, and odour from exhaust air, ensuring a clean and safe working environment

Filtration Units with High-Efficiency & Specialized Filters

Our range of high-efficiency filters ensures the removal of dust, pollen, and other airborne particles, improving indoor air quality. We offer filters tailored to specific applications, including HEPA filters for cleanroom environments and activated carbon filters for odour control

Energy Recovery Units

Equipped with high-efficiency heat exchangers like Heat Recovery Wheel, Plate type Heat Exchanges and Heat Pipe systems, our unit capture and reuse waste heat from exhaust air to preheat/precool incoming fresh air, enhancing energy efficiency and reducing operational costs

Tech-Enhanced Control Systems

When integrated with our wide range of products, TECH-ENHANCED control systems offer real-time monitoring, remote access, and advanced diagnostics for optimized performance and energy savings

What About Quality???

Commitment to Quality: Our Strength and Priority

At **PINAKY AIR HANDLERS**, quality is not just a promise; it's our fundamental principle. We believe that delivering high-quality products is paramount to achieving customer satisfaction and building long-term relationships. Here's how we ensure every unit we manufacture meets the highest standards of quality and reliability.

Key Highlights of Our Quality Management

****Advanced Manufacturing Processes****

****Stringent Quality Control Measures****

****Skilled and Experienced Workforce****

****Innovative Design and Engineering****

****Supplier Quality Management****

****Continuous Improvement****

****Customer-Centric Approach****

Quality: The PINAKY Promise

At **PINAKY AIR HANDLERS**, quality is more than a goal; it's our identity. We are dedicated to delivering products that exceed expectations, providing our customers with reliable, efficient, and high-performance air handling solutions. Trust us to bring the highest quality to your environment.



Product is OK, What About Services???

Commitment to Service: Our Primary Focus and Main Objective

At **PINAKY AIR HANDLERS**, exceptional service is at the core of our business philosophy. We understand that providing high-quality products is only part of the equation; delivering unparalleled service is equally crucial to ensuring customer satisfaction and loyalty. Here's how we prioritize service excellence to complement our quality products.

Key Highlights of Our Service Excellence

****Customer-Centric Approach****

****24/7 Customer Support****

****Proactive Maintenance Programs****

****Skilled Service Technicians****

****Comprehensive Service Agreements****

****Fast Response Times****

****Spare Parts Availability****

****Customer Training Programs****

****Feedback-Driven Improvement****

****Sustainable Service Practices****

Service: The PINAKY Commitment

At **PINAKY AIR HANDLERS**, exceptional service is our promise. We provide comprehensive, reliable, and customer-focused service that enhances the value of our high-quality products. Trust us to be your partner in maintaining a comfortable and efficient environment with our unwavering commitment to service excellence.



Highest Efficiency Components For Units

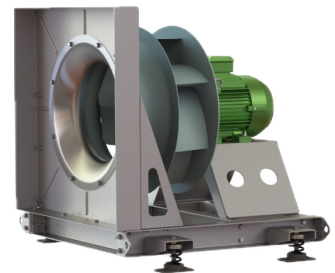
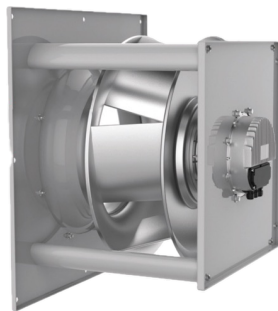
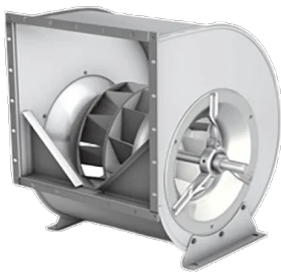


High Efficiency range of Fans & Motors

At **PINAKY AIR HANDLERS**, we are committed to delivering exceptional performance and energy efficiency through our use of best-in-class fans and motors. Our units are equipped with premium, high-efficiency fans designed to provide optimal airflow while minimizing energy consumption.

We offer a diverse range of motor options, including EC (Electronically Commutated) motors and VFD (Variable Frequency Drive) motors, which allow for precise control and enhanced performance. These advanced motors are known for their reliability, quiet operation, and superior energy savings.

Our focus on quality and innovation guarantees that every unit delivers outstanding performance, efficiency, and long-term value.



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World-Class Heat Exchanger Coils

At **PINAKY AIR HANDLERS**, we pride ourselves on offering high-quality heat exchanger coils designed to meet diverse application needs. Our coils are available with outer diameters of 1/2", 3/8", and 5/8", providing flexibility for various system requirements.

Customers can choose from a variety of fin options, including Plain Aluminium, Anti-corrosive Coatings, Hydrophilic Coated Fins, and Copper Fins, ensuring optimal heat transfer and durability.

Additionally, our coil tubes are available in both Copper and Stainless Steel (SS), offering robust performance and corrosion resistance.

The coils are engineered to handle different fluids, including water, brine, steam, and refrigerants, making them suitable for a wide range of heating and cooling applications.



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Tech-Enhanced Units



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Introduction

Tech-Enhanced units by **PINAKY AIR HANDLERS** represent the pinnacle of advanced air handling technology, designed to meet the demands of modern HVAC systems with superior performance and reliability.

Key Features

****Adaptive Control Algorithms****

****Integrated Diagnostics****

****Modular Design****

****Eco-Mode Operation****

****Quiet Operation****

****Predictive Maintenance****

****High Efficiency Units****

Equipped with High Efficiency EC Fans/Variable speed drives (VSD) for optimized performance

****Tech-Enhanced Controls****

- ❖ In-built Control Panels with PLC
- ❖ Wide range of Sensors
- ❖ Remote access and management
- ❖ Integration with Building Management Systems (BMS) & Fire Panels System (FPS)



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****Advanced Filtration****

- ❖ Customizable Multi-stage filtration systems
- ❖ UV-C light integration for enhanced air purification

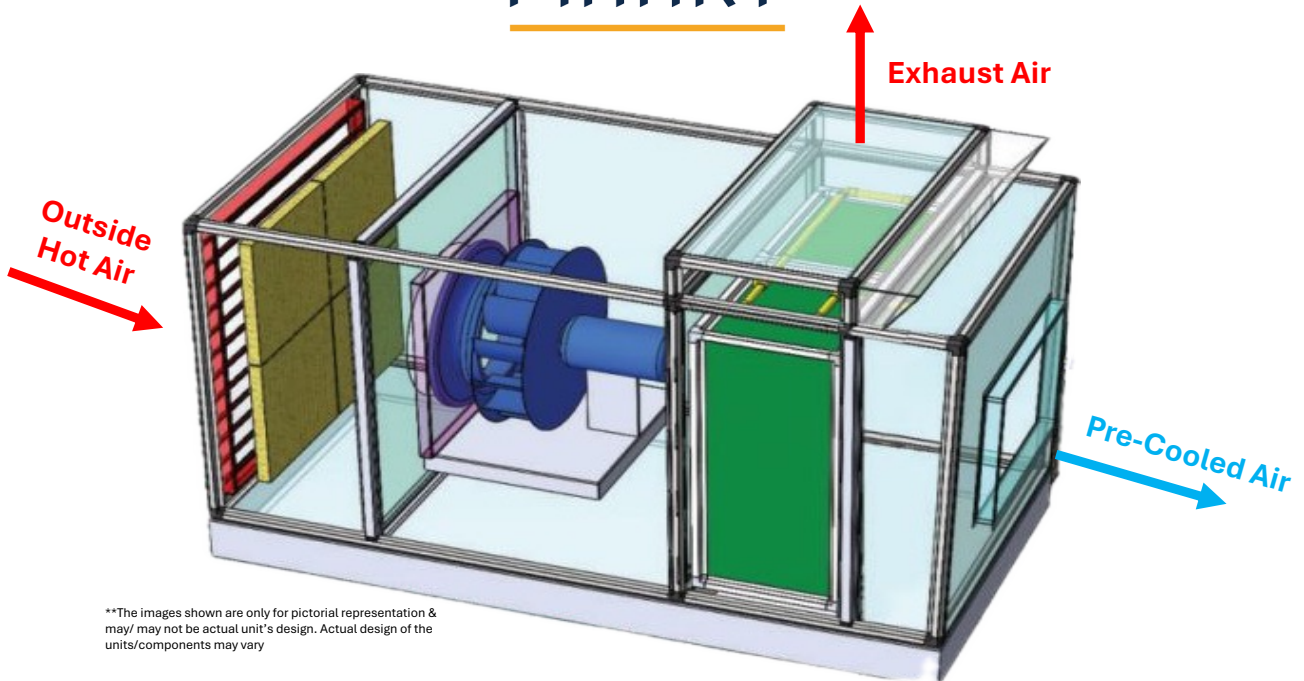
****Enhanced Comfort****

- ❖ Precision temperature and humidity control
- ❖ Noise reduction features with Thermo-Acoustic insulations
- ❖ Customizable airflow patterns

Pre-Cooling Unit- PCU Series



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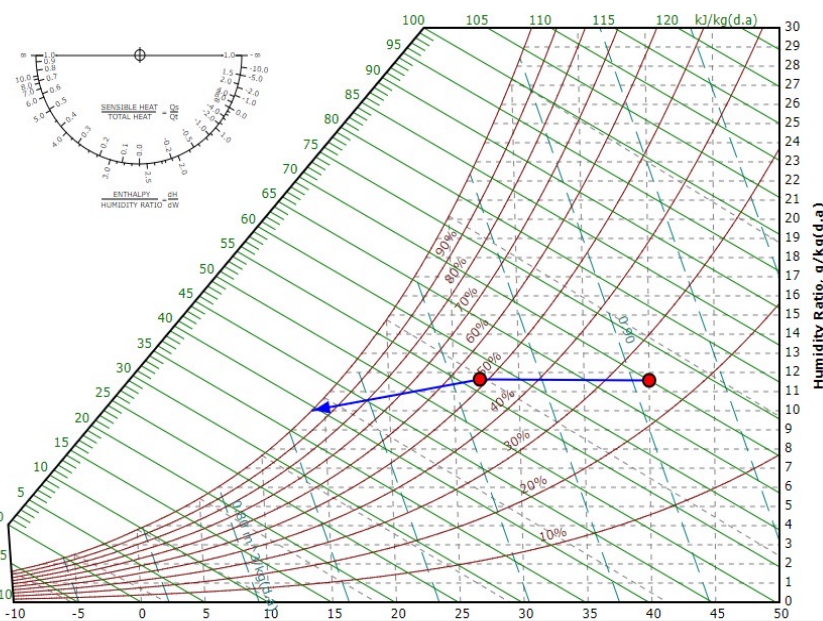
Introduction

Pre-cooling units have potential to decrease up-to 50% of the central air conditioning load with 100% fresh air supply.

Once Pre-cooled through PCU the air can be supplied directly to the conditioned space or further cooled with Cooling coil.

These units can also be retrofitted to existing FAHU / TFA's or to the AHU Rooms.

Due to precooling of air, the heat load of TFA cooling coil is reduced through the reduction in ΔT on air side.



Sample Calculation

Without PCU

Ambient Temp./ Inlet at TFA: 40deg C

Outlet Air Temp. after TFA coil: 14deg C

Cooling Load- 5.9Tr/1000cfm

With PCU

Ambient Temp.: 40deg C

Air Temp. after PCU/ at inlet of TFA coil: 27.2deg C

Outlet Air Temp. after TFA coil: 14deg C

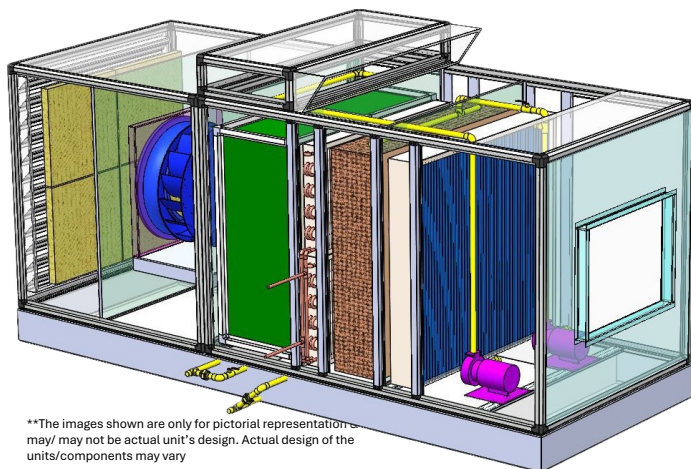
Revised Cooling Load: 3.8Tr/1000cfm

**NET SAVING: 2.1Tr/1000cfm
TFA**

Two Stage (IDEC)/ Three Stage (Hybrid) Evaporative Cooling Unit- DSAW Series



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Introduction

Pinaky's Two Stage (IDEC)/ Three Stage (Hybrid) Units combines Indirect & Direct Evaporative Cooling within one unit to achieve a comfortable indoor environment, using 100% fresh air, without the use of mechanical refrigeration.

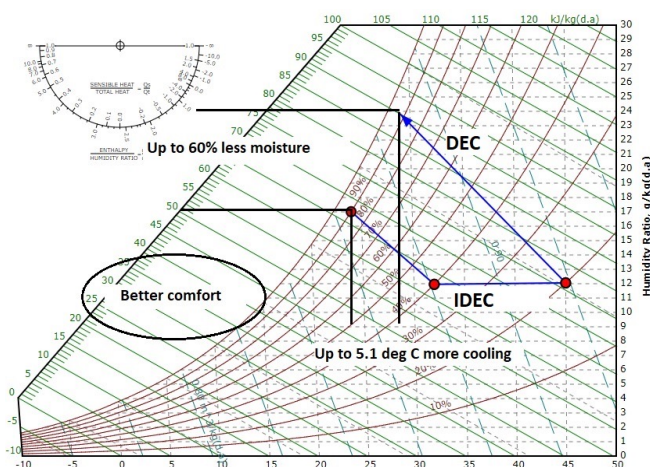
The Three Stage Unit also accommodates a Cooling Coil as an additional cooling component which can be operated during various ambient conditions depending up on the desired temperature needs.

In **Two Stage Unit (IDEC/ Indirect-Direct Evaporative Cooling)**, during the Indirect Stage of cooling, the dry bulb temperature of the hot outside air is lowered using a Sensible Heat Exchanger (SHE) without the unwanted increase in the moisture content of the supply air stream. Subsequently, during the Second/Direct Stage of cooling, air passes through an Evaporating media (cellulose fill) where it causes some of the water to be evaporated. This process lowers the dry-bulb temperature of the air, while moisture content increases.

Three Stage/ Hybrid Cooling unit offers multiple operating modes to adjust efficiently with the fluctuating cooling demand throughout year. It consist of first Indirect cooling stage in which sensible cooling through Air-to-Air heat exchanger takes place. Second is direct evaporation stage in which adiabatic cooling takes place through wetted Evaporating media/pad and the Third Stage is dehumidification with cooling with help of chilled water or DX cooling coil.

The advantage of three stage unit is that as per the required cooling load at site, unit can be operated in multiple combination:

- **SHE + cellulose pad:** This is used in dry ambient conditions like summer where only evaporation cooling can take care of heat load
- **SHE + cooling coil:** This is used as precooled TFA to reduce the load on coil where required RH to be controlled within limits
- **Only cooling coil:** This is used in monsoon condition where evaporative cooling is not much efficient due to high humidity in ambient. By operating with suitable mode of cooling as per required cooling load three stage maximizes the system efficiency with optimum operating cost



State-of-the-Art Fan Coil Units Range



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SALIENT FEATURES:

- **Range: 1tr- 5tr**
- **Low Noise Operation**
- **Optional BLDC/ EC Motor**
- **Compact Design**
- **Optional Factory Fitted Valve Assembly**
- **Optional Single/ Double Skin construction**

Our Fan Coil Units (FCUs) are designed to provide superior indoor air quality, energy efficiency, and reliable performance for a wide range of commercial, industrial, and residential applications. At **PINAKY AIR HANDLERS**, we incorporate advanced features and rigorous quality parameters to ensure our FCUs meet and exceed industry standards.

High-Efficiency Heat Exchangers

- ❖ High Efficiency heat transfer capabilities for optimal cooling and heating
- ❖ Made with high grade corrosion-resistant materials to ensure durability and longevity

Smart Controls and Connectivity (Optional)

- ❖ Compatible with Building Management Systems (BMS) for seamless integration and remote monitoring
- ❖ User-friendly interfaces and programmable thermostats for easy operation

Low Noise Operation

- ❖ Option available for Acoustic insulations to further reduce sound levels
- ❖ Selection of Fan & Motor at optimum operating points for better efficiency and low noise operation

Energy Efficiency

- ❖ Optimized for low energy consumption and high performance

PINAKY AIR HANDLERS' Fan Coil Units combine cutting-edge technology, superior engineering, and stringent quality controls to deliver unparalleled comfort and efficiency. Trust in our commitment to excellence and innovation for all your air handling needs

Ceiling Suspended Air Handling Units- CSAHU Series



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PINNACLE

SALIENT FEATURES:

- **Range: 1200cfm-10000cfm**
- **Compact Design**
- **High Efficiency Units**
- **Low Noise Operation**
- **Customizable Design**
- **Durable Construction**

UNIT MODEL	AIR FLOW (CFM)	FAN DIA	UNIT DIMENSIONS (mm) (Sections: Pre-Filter + 4rd/6rd CC + Fan + Motor)			FAN OUTLET VELOCITY (m/s)	FAN RPM / RECOMMENDED MOTOR KW (AT VARIOUS OPERATING STATIC PRESSURE)		
			DEPTH	WIDTH	HEIGHT		AT 35mm OF WG	AT 40mm OF WG	AT 45mm OF WG
CSAHU-12	1200	7"/7"	1180	800	540	9.59	1793 / 0.75	1856 / 0.75	1926 / 0.75
CSAHU-15	1500	9"/9"	1180	930	550	9.07	1211 / 0.75	1297 / 0.75	1406 / 0.75
CSAHU-20	2000	10"/10"	1230	1030	610	9.87	1042 / 0.75	1110 / 0.75	1182 / 1.1
CSAHU-25	2500	12"/12"	1300	1115	670	8.76	934 / 1.1	1024 / 1.1	1110 / 1.5
CSAHU-30	3000	9"/9" X 2	950	1550	550	9.07	1260 / 1.5	1349 / 1.5	1462 / 2.2
CSAHU-35	3500	10"/10" X 2	1230	1580	610	8.64	1086 / 1.5	1182 / 1.5	1281 / 2.2
CSAHU-40	4000	10"/10" X 2	1000	1765	610	9.87	1084 / 1.5	1154 / 2.2	1230 / 2.2
CSAHU-50	5000	12"/12" X 2	1050	1925	670	8.76	972 / 2.2	1065 / 2.2	1155 / 3.7
CSAHU-60	6000	12"/12" X 2	1050	2150	750	10.52	956 / 3.7	1019 / 3.7	1088 / 3.7
CSAHU-70	7000	15"/15" X 2	1150	2160	800	8.74	791 / 2.2	855 / 3.7	921 / 3.7
CSAHU-80	8000	15"/15" X 2	1250	2250	900	9.99	786 / 3.7	840 / 3.7	895 / 3.7
CSAHU-100	10000	18"/18" X 2	1300	2550	980	8.87	692 / 3.7	758 / 5.5	824 / 5.5

NOTES:

- All dimensions are with DIDW Forward Curved Fans.
- All dimensions are with 23±2mm PUF insulation and Extruded Aluminium Non-Thermal Break Profile.
- Panel available in optional thickness of 23±2mm/46±2mm with/without Thermal Break Profile.
- Above mentioned data of Fan & Motor is calculated considering standard geographical conditions of Delhi-NCR. Data may vary depending upon the altitude and weather conditions.
- Above mentioned data and dimensions are tentative and subject to change depending on regular engineering developments and design improvements.
- Above mentioned unit capacities and models are standard models. Details of customized units can be provided for various capacities apart from above mentioned models as per requirement.

Horizontal Floor Standing Air Handling Units- FMAHU Series



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SALIENT FEATURES:

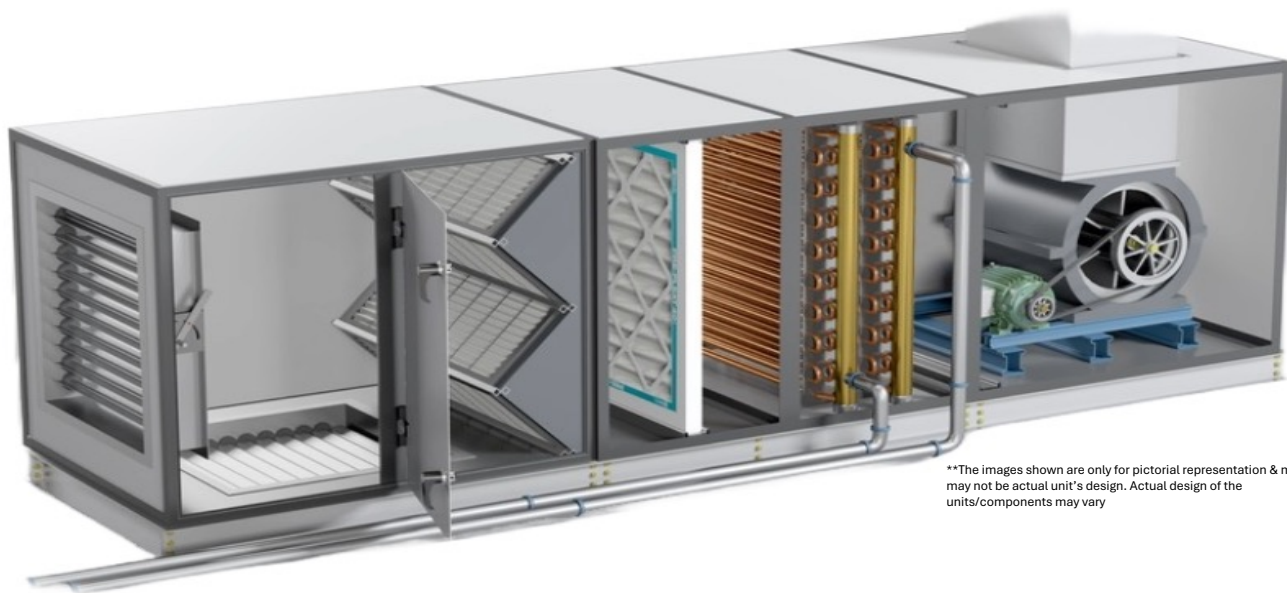
- **Range: 1200cfm-40000cfm**
- **High Efficiency Units**
- **Customizable Design**
- **Modular & Durable Construction**
- **Flexible Installation Options**

UNIT MODEL	AIR FLOW (CFM)	UNIT DIMENSIONS (mm)			ADDITIONAL LENGTH FOR SECTIONS (IF REQUIRED; mm)
		LENGTH (Sections: Prefilter + 4rd/6rd CC + Fan + Motor)	WIDTH	HEIGHT	DUCTED INTAKE/ MIXING SECTION
FMAHU-12	1200	1320	800	820	480
FMAHU-15	1500	1320	850	820	480
FMAHU-20	2000	1370	950	850	480
FMAHU-25	2500	1450	1100	900	560
FMAHU-30	3000	1550	1180	950	560
FMAHU-40	4000	1550	1470	950	560
FMAHU-50	5000	1700	1350	1200	560
FMAHU-60	6000	1850	1550	1200	680
FMAHU-80	8000	1950	1550	1520	680
FMAHU-100	10000	2100	1850	1520	780
FMAHU-120	12000	2225	2150	1520	780
FMAHU-150	15000	2580	2180	1850	880
FMAHU-180	18000	2790	2550	1850	1040
FMAHU-200	20000	2790	2750	1850	1040
FMAHU-230	23000	2790	2750	2150	1040
FMAHU-260	26000	2925	2900	2250	1040
FMAHU-300	30000	2925	3100	2450	1320
FMAHU-350	35000	3085	3250	2650	1320
FMAHU-400	40000	3185	3250	3230	1320

NOTES:

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- All dimensions are with 23±2mm PUF insulation and Extruded Aluminium Non-Thermal Break Profile.
- Panel available in optional thickness of 23±2mm/46±2mm with/without Thermal Break Profile.
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- Above mentioned unit capacities and models are standard models. Details of customized units can be provided for various capacities apart from above mentioned models as per requirement.

Horizontal Floor Standing Air Handling Units- FMAHU Series



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UNIT MODEL	ADDITIONAL LENGTH FOR SECTIONS (IF REQUIRED; mm)				
	FINE FILTER/BAG FILTER (ON COMMON FRAME WITH PRE-FILTER)	ADDITIONAL COOLING/HEATING COIL (2rd)	ELECTRIC HEATERS (SINGLE BANK ONLY)	PLENUM FOR FINE/HEPA FILTER AFTER FAN	PLENUM FOR BOTH FINE & HEPA FILTER AFTER FAN
FMAHU-12	450	200	250	1450	2400
FMAHU-15	450	200	250	1450	2400
FMAHU-20	450	200	250	1450	2400
FMAHU-25	450	200	250	1450	2400
FMAHU-30	450	200	250	1450	2400
FMAHU-40	450	200	250	1450	2400
FMAHU-50	450	200	250	1450	2400
FMAHU-60	450	200	250	1450	2400
FMAHU-80	450	200	250	1550	2600
FMAHU-100	450	200	250	1550	2600
FMAHU-120	450	200	250	1550	2600
FMAHU-150	450	200	250	1550	2600
FMAHU-180	450	200	250	1750	2800
FMAHU-200	450	200	250	1750	2800
FMAHU-230	450	200	250	1750	2800
FMAHU-260	450	200	250	1750	2800
FMAHU-300	450	200	250	1750	2800
FMAHU-350	450	200	250	1750	2800
FMAHU-400	450	200	250	1750	2800

NOTES:

- All dimensions are with 23±2mm PUF insulation and Extruded Aluminium Non-Thermal Break Profile.
- Panel available in optional thickness of 23±2mm/46±2mm with/without Thermal Break Profile.
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Vertical Floor Standing Air Handling Units- VAHU Series



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SALIENT FEATURES:

- **Range: 1200cfm-10000cfm**
- **Compact Design**
- **High Efficiency Units**
- **Low Noise Operation**
- **Customizable Design**
- **Durable Construction**

UNIT MODEL	AIR FLOW (CFM)	FAN DIA	UNIT DIMENSIONS (mm) (Sections: Pre-Filter + 4rd/6rd CC + Fan + Motor)			FAN OUTLET VELOCITY (m/s)	FAN RPM / RECOMMENDED MOTOR KW (AT VARIOUS OPERATING STATIC PRESSURE)		
			DEPTH	WIDTH	HEIGHT		AT 35mm OF WG	AT 40mm OF WG	AT 45mm OF WG
VAHU-12	1200	7"/7"	625	900	1140	9.59	1793 / 0.75	1856 / 0.75	1926 / 0.75
VAHU-15	1500	9"/9"	625	1080	1190	9.07	1211 / 0.75	1297 / 0.75	1406 / 0.75
VAHU-20	2000	10"/10"	680	1030	1370	9.87	1042 / 0.75	1110 / 0.75	1182 / 1.1
VAHU-25	2500	12"/12"	750	1215	1440	8.76	934 / 1.1	1024 / 1.1	1110 / 1.5
VAHU-30	3000	9"/9" X 2	625	1555	1245	9.07	1260 / 1.5	1349 / 1.5	1462 / 2.2
VAHU-40	4000	10"/10" X 2	680	1765	1285	9.87	1084 / 1.5	1154 / 2.2	1230 / 2.2
VAHU-50	5000	12"/12" X 2	750	1950	1480	8.76	972 / 2.2	1065 / 2.2	1155 / 3.7
VAHU-60	6000	12"/12" X 2	750	2050	1565	10.52	956 / 3.7	1019 / 3.7	1088 / 3.7
VAHU-70	7000	15"/15" X 2	840	2150	1810	8.74	791 / 2.2	855 / 3.7	921 / 3.7
VAHU-80	8000	15"/15" X 2	860	2200	1845	9.99	786 / 3.7	840 / 3.7	895 / 3.7
VAHU-100	10000	18"/18" X 2	1000	2550	1965	8.87	692 / 3.7	758 / 5.5	824 / 5.5

NOTES:

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- All dimensions are with 23±2mm PUF insulation and Extruded Aluminium Non-Thermal Break Profile.
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Horizontal Floor Standing Ventilation Units (Fresh/Exhaust Air)- FMVU Series



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SALIENT FEATURES:

- Range: 1200cfm-40000cfm
- Customizable Design
- Options for **Gaseous and Chemical** filtration
- Features like accessible filters and components for hassle-free upkeep

UNIT MODEL	AIR FLOW (CFM)	FAN DIA	UNIT DIMENSIONS (mm) (Sections: Pre-Filter + Fan + Motor)		
			LENGTH	WIDTH	HEIGHT
FMVU-12	1200	7"/7"	900	800	820
FMVU-15	1500	9"/9"	900	850	820
FMVU-20	2000	10"/10"	950	950	850
FMVU-25	2500	12"/12"	1050	1100	900
FMVU-30	3000	12"/12"	1150	1180	950
FMVU-40	4000	15"/15"	1150	1470	950
FMVU-50	5000	18"/18"	1300	1350	1200
FMVU-60	6000	18"/18"	1450	1550	1200
FMVU-80	8000	500mm	1550	1550	1520
FMVU-100	10000	560mm	1700	1850	1520
FMVU-120	12000	630mm	1850	2150	1520
FMVU-150	15000	710mm	2200	2180	1850
FMVU-180	18000	710mm	2400	2550	1850
FMVU-200	20000	800mm	2400	2750	1850
FMVU-230	23000	800mm	2400	2750	2150
FMVU-260	26000	900mm	2550	2900	2250
FMVU-300	30000	1000mm	2550	3100	2450
FMVU-350	35000	1000mm	2700	3250	2650
FMVU-400	40000	1000mm	2800	3250	3230

NOTES:

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- All dimensions are with 23±2mm PUF insulation and Extruded Aluminium Non-Thermal Break Profile.
- Panel available in optional thickness of 23±2mm/46±2mm with/without Thermal Break Profile.
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Horizontal Floor Standing Energy Recovery Units- ERU Series



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SALIENT FEATURES:

- **Range: 1200cfm-28000cfm**
- **Customizable Design**
- **Option available for Plate type Heat Exchanger/ Heat Pipe in place of HRW**

UNIT MODEL	AIR FLOW (CFM) AT VARIOUS FACE VELOCITIES ACROSS HRW			UNIT DIMENSIONS (mm) (Sections: Ducted Intake + Pre-Filter + Heat Recovery Wheel + Fan + Motor)		
	600 FPM	700 FPM	800 FPM	LENGTH	WIDTH	TOTAL HEIGHT (LT + UT)
ERU-12	1050	1225	1400	2310	970	1680
ERU-15	1404	1638	1872	2310	1070	1680
ERU-20	1806	2107	2409	2310	1150	1680
ERU-25	2285	2635	3011	2310	1250	1680
ERU-30	2760	3220	3680	2310	1350	1780
ERU-40	3310	3862	4414	2510	1520	1880
ERU-50	4560	5320	6079	2610	1800	2020
ERU-60	5258	6135	7011	2810	1800	2380
ERU-70	5949	6841	7933	3040	1850	2480
ERU-80	6743	7867	8990	3040	2050	2680
ERU-100	9419	10988	12558	3240	2250	2680
ERU-120	11219	13089	14959	3680	2350	2980
ERU-150	13433	15671	17910	3980	2650	3280
ERU-180	15483	18484	21125	4280	2950	3680
ERU-200	18451	21527	24602	4280	3150	3680
ERU-250	21257	24800	28342	4780	3350	3980

NOTES:

- All dimensions are with DIDW Fans.
- All dimensions are with 23±2mm PUF insulation and Extruded Aluminium Non-Thermal Break Profile.
- Panel available in optional thickness of 23±2mm/46±2mm with/without Thermal Break Profile.
- Above mentioned data and dimensions are tentative and subject to change depending on regular engineering developments and design improvements.
- Above mentioned unit capacities and models are standard models. Details of customized units can be provided for various capacities apart from above mentioned models as per requirement.

Horizontal Floor Standing Single Stage Air Washer Units- AW Series



**The images shown are only for pictorial representation & may/ may not be actual unit's design. Actual design of the units/components may vary



PINKY

SALIENT FEATURES:

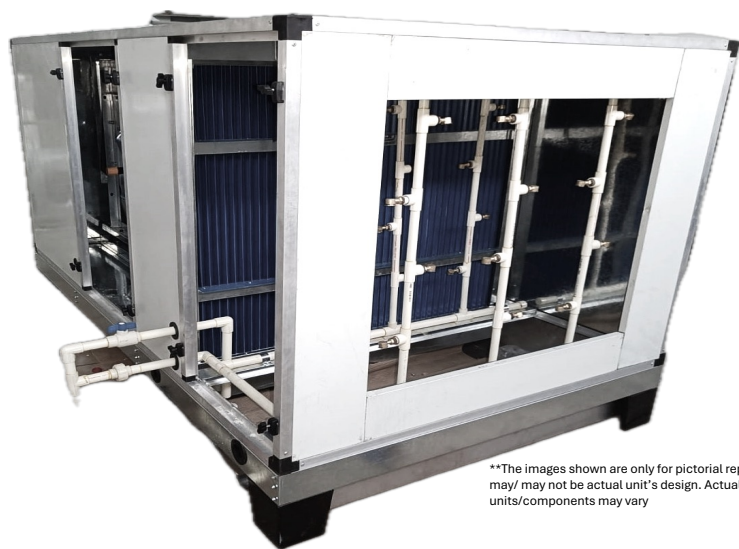
- Range: 1200cfm-40000cfm
- Option available for **Double Stage Cooling Units**
- Effective Cooling
- Eco-Friendly
- Low Maintenance
- Cost-Effective

UNIT MODEL	AIR FLOW (CFM)	UNIT DIMENSIONS (mm) (Sections: Pre-Filter + 200mm Evaporating Media + Drift Eliminator + Fan + Motor)			TENTATIVE PUMP RATING
		LENGTH	WIDTH	TOTAL HEIGHT	
AW-12	1200	1470	800	1120	0.24 HP
AW-15	1500	1470	850	1120	0.24 HP
AW-20	2000	1520	950	1150	0.24 HP
AW-25	2500	1600	1100	1200	0.24 HP
AW-30	3000	1700	1100	1250	0.24 HP
AW-40	4000	1700	1300	1250	0.25 HP
AW-50	5000	1850	1350	1500	0.37 HP
AW-60	6000	2000	1450	1500	0.37 HP
AW-80	8000	2100	1550	1820	0.5HP
AW-100	10000	2200	1850	1820	0.5HP
AW-120	12000	2325	2100	1820	0.5HP
AW-150	15000	2600	2100	2150	1.0HP
AW-180	18000	2840	2100	2450	1.0HP
AW-200	20000	2840	2650	2150	1.0HP
AW-230	23000	2840	2750	2450	1.0HP
AW-260	26000	2975	2850	2550	1.5HP
AW-300	30000	2975	3100	2750	1.5HP
AW-350	35000	3200	3200	2950	2.0 HP
AW-400	40000	3200	3200	3530	2.0 HP

NOTES:

- All dimensions are with DIDW Fans.
- All dimensions are with 23±2mm PUF insulation and Extruded Aluminium Non-Thermal Break Profile.
- Panel available in optional thickness of 23±2mm/46±2mm with/without Thermal Break Profile.
- Above mentioned data and dimensions are tentative and subject to change depending on regular engineering developments and design improvements.
- Above mentioned unit capacities and models are standard models. Details of customized units can be provided for various capacities apart from above mentioned models as per requirement.

Horizontal Floor Standing Exhaust Air Wet Scrubber Units- WSC Series



**The images shown are only for pictorial representation & may/ may not be actual unit's design. Actual design of the units/components may vary



PINAFY

SALIENT FEATURES:

- Range: 1200cfm-40000cfm
- High Scrubbing Efficiency
- Option available for **Dry Scrubber**
- Customizable Design
- Easy Maintenance
- Versatile Applications

UNIT MODEL	AIR FLOW (CFM)	UNIT DIMENSIONS (mm) (Sections: Pre-Filter + Single/ Double Bank Spray Section + Drift Eliminator + Fan + Motor)			
		LENGTH		WIDTH	HEIGHT
		WITH SINGLE BANK SPRAY SECTION	WITH DOUBLE BANK SPRAY SECTION		
WSC-12	1200	2050	2650	800	1100
WSC-15	1500	2050	2650	800	1100
WSC-20	2000	2100	2700	800	1100
WSC-25	2500	2200	2800	1100	1100
WSC-30	3000	2300	2900	1100	1100
WSC-40	4000	2300	2900	1400	1100
WSC-50	5000	2450	3050	1400	1400
WSC-60	6000	2600	3200	1400	1400
WSC-80	8000	2700	3300	1400	1700
WSC-100	10000	2800	3400	1700	1700
WSC-120	12000	2950	3550	2000	1700
WSC-150	15000	3200	4000	2000	2000
WSC-180	18000	3400	4200	2000	2300
WSC-200	20000	3400	4200	2600	2000
WSC-230	23000	3600	4400	2600	2300
WSC-260	26000	3600	4400	2600	2600
WSC-300	30000	3750	4750	2600	2900
WSC-350	35000	3750	4750	3200	2600
WSC-400	40000	3750	4750	3200	2900

NOTES:

- All dimensions are with DIDW Fans.
- All dimensions are with 23±2mm PUF insulation and Extruded Aluminium Non-Thermal Break Profile.
- Panel available in optional thickness of 23±2mm/46±2mm with/without Thermal Break Profile.
- Above mentioned dimensions are tentative and subject to change depending on regular engineering developments and design improvements.
- Above mentioned unit capacities and models are standard models. Details of customized units can be provided for various capacities apart from above mentioned models as per requirement.



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