



FLOOR PLAN

300 WTR. CHILL. TRM

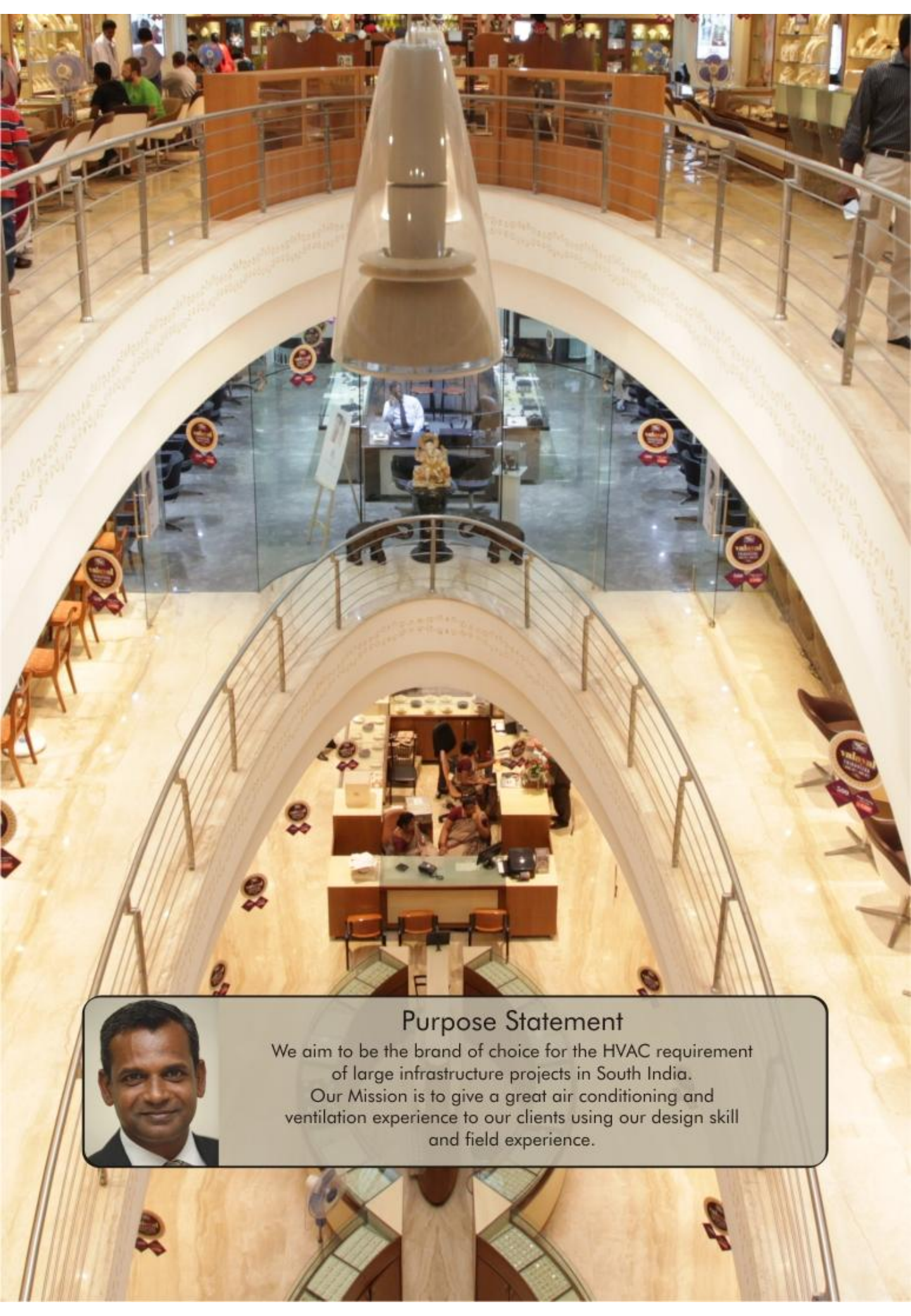
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VERTICAL RECYCLING PUMP
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Company Profile

WEATHER STATION

the HVAC solution providers



Purpose Statement

We aim to be the brand of choice for the HVAC requirement of large infrastructure projects in South India.

Our Mission is to give a great air conditioning and ventilation experience to our clients using our design skill and field experience.

INTRODUCTION

Weather Station is a Chennai based HVAC company with a team of highly qualified, trained and experienced engineers who are capable of handling efficiently and speedily Central Airconditioning, Industrial Refrigerations, Clean Rooms and Evaporative Cooling Projects on turnkey basis. With over 18 years experience in this field, over 8000 tonnes under AMC and a cumulative installed capacity of around 20,000 tonnes this company is reputed for its professionalism and service standards.

Founded in 1996 with just two employees in a 250 Sq Feet office space, it has now grown into a 2 branch organisation with 70 full-time staff and occupies an office space of 6,500 Sq Feet spread across 2 cities.

This company prides itself on having the ability to take up complete turnkey solutions in HVAC having capabilities in design, erection and service support and has built an enviable track record of customer satisfaction.

It has excelled in Commissioning and Installing medium to large Centralized Chiller Plants and

has brought in several innovative solutions to overcome peculiar situations in a very efficient and cost effective way.

Reputation

Weather Station has earned a name in the HVAC industry as a reliable and strong partner for architects, HVAC consultants and building owners. Weather Station provides complete solutions for HVAC from providing techno-commercial engineering services, System Designing, Detailed Drawing preparation, equipment sourcing, erection, testing, commissioning and successful handing over of the systems to the clients.

Clients

We have specialised in completing large projects in record time for educational institutions, hospitals, banks, retail showrooms, office complexes, hotels, Corporate Offices. Some of the known names are ICICI Bank, HDFC Bank, Hotel Saravana Bhavan, Meenakshi Medical College & Hospitals, Infosys, Vestas, Mitsubishi, Ford, Hyundai, Velammal Medical College, & Research Institute among others.





CUSTOMISED HVAC SOLUTIONS

ENERGY RECOVERY & VENTILATION SYSTEMS

- Energy Recovery Ventilators (80 to 3000 CMH)
- Treated Fresh Air Units
- Tailor made for specific needs
- Heat Recovery Wheels
- Tailor made for specific Fresh Air Needs
- Ductless Ventilation
- Air Washer System
- Mechanical Ventilation with Tube

Designed & Built as Per Specific Customers Need
CLEAN ROOM

Clean room is an environment with a low level of environmental pollutants such as dust, airborne microbes, aerosol particles, and chemical vapors

- Class 10,000 - for TV tubes, hospital operating theaters and Pharmaceuticals manufacturers.
- Class 100,000 – for ball bearings.



PROCESS COOLING FOR FACTORIES

Process Chillers are used in medical & pharmaceutical industries as well as in varied industrial applications like plastic mould cooling, printing and lamination processes. These chillers incorporate microprocessor based controls which offer intelligent cooling and are energy efficient apart from being extremely compact with a small footprint.

Features

- ☆ Wide range of models: From 10 to 450 TR
- ☆ Energy efficient scroll compressors and plate heat exchangers

- ☆ Extremely compact plug-in design for high ambient applications
- ☆ Stainless steel hydraulic circuit with buffer and expansion tank
- ☆ Microprocessor controller with computer and remote connectivity
- ☆ Anti-corrosive fins
- ☆ Low noise
- ☆ Food grade quality option available





CUSTOMISED HVAC SOLUTIONS

CENTRAL AC PLANTS

- Air Cooled Scroll Chiller (10 to 80 TR)
- Water Cooled Scroll Chillers (11 to 80 TR)
- Air Cooled Screw Chiller (75 to 366 TR)
- Water Cooled Screw Chiller (155 to 400 TR)
- Water cooled Turbocor Chillers (90 to 450 TR)
- Double Skin Air Handling Units
- Floor/ceiling Susp /vertical Option Configuration
- Chilled Water Fan Coil Units (1.0 TR To 4.0 TR)



DVRF / IVRF SYSTEMS

- Cooling & Heat Pump Type Out Door Units (18 to 64 HP)
- Wide Range Of Indoor Units [I.D.U'S](2.2 to 28 KW)
- VRF-IDU>Hiwall Decorative (2.2 to 7.1 KW)
- VRF-IDU>CASSETTES (2.2 to 14 KW)
- VRF-IDU>Concealed Splits (2.2 to 7.1 KW)
- VRF-IDU>Ducted Splits (7.1 to 36 KW)





PRODUCTS

ROOM AIR CONDITIONERS

- ☆ Star Rated Window AC - 1.0, 1.5 & 2.0 TR
- ☆ Split AC - 1.5, 2.0, 3.0 & 4.0 TR
- ☆ Verticool Split AC - 2.5, 3.5 & 4.5 TR
- ☆ Concealed Split AC - 1, 1.5, 2.0, 3.0 & 7.5 TR

PACKAGED AC SYSTEMS

Air Cooled Packaged Ac Units (5.5 To 22 TR)

Air Cooled Ductables (3 To 22 TR)

Water Cooled Packaged Ac's (3 To 16.5 TR)

Precision A.C. Units (4.3 To 34 TR)

Hiper/hiper Packaged & Ductables (5.5 To 22 TR)



COLD ROOM

Our cold rooms meets FDA norms for design, installation and Maintenance. Cold Room installations serve cold storage needs in industries as varied as Horticulture, floriculture, hospitality, Pharmaceuticals, Biotechnology, Dairy and Food processing.

Capacities from 6000 BTU/Hr to 80,000 BTU/Hr.

- Air cooled LOW & HIGH Temperature
- Water cooled LOW & HIGH Temperature

Different Temperature

Low (-23 Degree Centigrade to -5 Degree Centigrade)

Medium(-5 Degree Centigrade to +2 Degree Centigrade)

High (+2 Degree Centigrade to +15 Degree Centigrade)

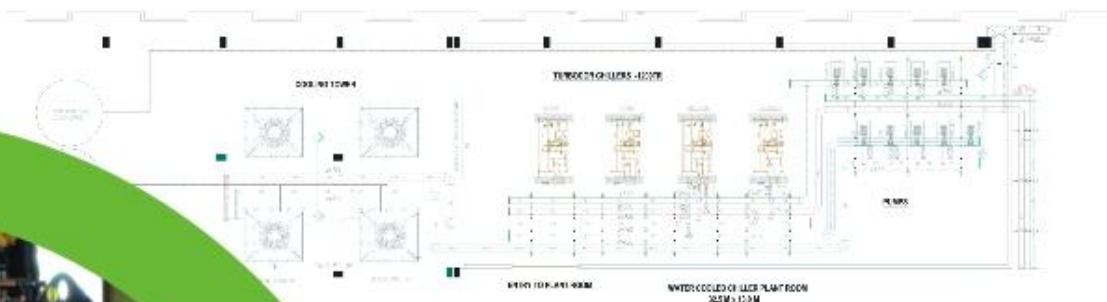


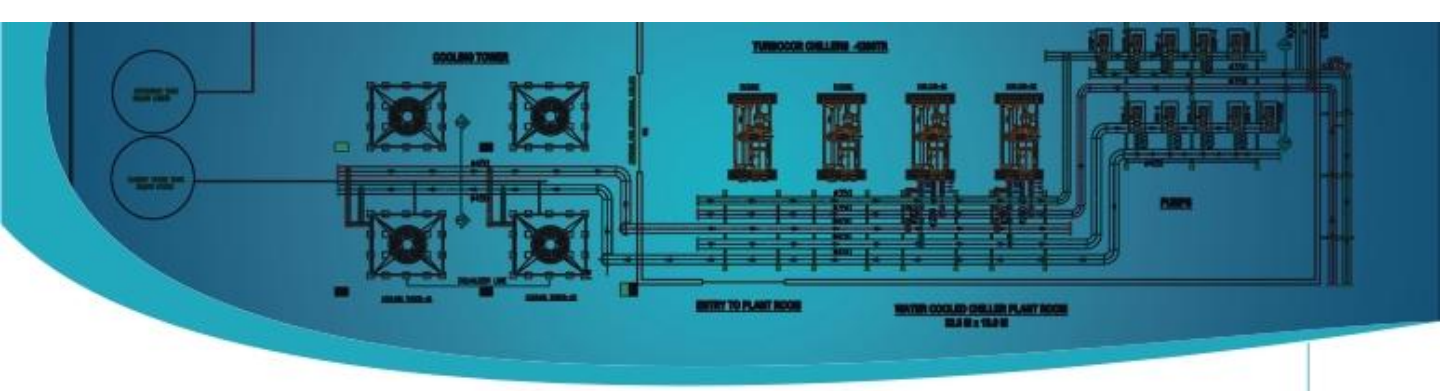


SERVICES

We render A to Z services in the field of HVAC through a dedicated team of qualified and highly experienced Engineers as given here under :-

- ❖ Selection of appropriate HVAC equipment
- ❖ Detailed engineering and designing of equipment and allied works such as ducting piping, electrical
- ❖ Preparing of ducting, Piping and other shop drawing in consultation with the Architect Consultants.
- ❖ Fabrication / Manufacture of various HVAC equipment other than main equipment & Chillers which are resourced from our principal Blue Star Ltd.
- ❖ Erection of Various HVAC equipments as per approved drawings
- ❖ Pressure testing of entire system
- ❖ Commissioning & Trial running of the A.C. System
- ❖ Handing over the complete installation to the user for Routine Operation and maintenance
- ❖ Seasonal testing of the A.C. system for establishing the design parameters
- ❖ Operation of the HVAC system as desired by the User
- ❖ Annual maintenance contracts of the installations carried out by us





DESIGN & PLANNING

Design:

A good design is the result of a combination of knowledge generously aided with experience and innovation keeping the client's budget in mind. It also includes compliance to accepted ventilation practices and legislative regulations. A well designed system can reduce operating cost and Power consumption. The environment too plays a major role in the selection of equipment. Listed below are the steps involved in the design of a project.

Pre-design

- ❖ Study the civil layout
- ❖ Calculate heat gain in each area or room based upon its orientation, exposed surface, equipment heat, fresh air requirement, people and their activity.
- ❖ Calculate air requirement in each area/room, determine the cleanliness as per standards required
- ❖ Discuss/advice on the types of system to install.
- ❖ Determine the budget and give an opinion on it.
- ❖ Evaluate the time required for completion of the project.

Design

- ❖ Arrive at the best system based on preliminary discussions.
- ❖ Hold discussions with the Consultant regarding location of chillers/condensing units based on the operating weight of the units.
- ❖ Hold discussions with the interior architect / Consultants on the placement of indoor heat exchangers.
- ❖ To make a detailed drawing with location of the inside unit and air distribution layout as per required parameters of each area.
- ❖ Locate the outdoor unit system and design the interconnection routes as required.
- ❖ To recheck energy consumptions, efficient heat exchange, diversity.





SERVICE

One of our strongest departments is our Service Department. This exclusive Service Delivery Team focuses on saving our client's time and money by ensuring that the units are working in good condition and any potential problem areas are resolved before it becomes too acute. Our Commitment is to reach the customer's place **within 1 hr** from the call.

Whether it's repairing or replacing worn out parts, they complete the work within the time frame of **2 hours to 48 hours** depending on the nature of work involved. This superior service levels have won us a lot of repeat business and also helped us expand our operations to Madurai and open a branch office there.

Our service team explains the issues clearly to the customers and ensure that permanent solutions are found for these issues. Only Genuine Spare Parts are used to reduce the probability of break downs and failures.

"BLUE STAR LTD" has given our company an award for "BEST SERVICE" after the Expert Monitoring of the SERVICE QUALITY ASSURANCE TEAM.

Further we also received an award in recognition for our service from, "TAMIL CHAMBER OF COMMERCE" for the Financial Year "2013 – 2014".





COMPANY'S STRENGTHS

AREA OF OPERATION

WEATHER STATION is strong across Tamilnadu through its two offices in Chennai and Madurai. Installations are done in any part of Tamilnadu and also in parts of Kerala and Karnataka.

In the future, Weather Station may look at expanding its reach to other cities and states depending on the demand.

SAFETY STANDARDS

Our Technicians are provided with effective safety equipments such as Uniforms, Safety gloves, Safety Belts, Helmets, Safety Shoes, MCB Lockout, etc; to keep them safe to avoid accidents or unexpected events. They have been trained and are monitored periodically to ensure that their knowledge levels of safety are adequately high.

We have received a CERTIFICATE OF ENVIRONMENTAL HEALTH & SAFETY EXCELLENCE from BLUE STAR LIMITED, in recognition to our Outstanding Contribution in Implementing Safety Practices at the workplace.





SOME OF OUR CLIENTS

HOSPITALS

Apollo Wellness	Muthu Kumaran Medical College & Hospital
Appaswamy Hospital	Frontier Lifeline Hospital
Lister Hospital	Dr Agarwal Eye Hospital
Amala Hospital	Excellent Care Hospital
Vijaya Hospital	Sundaram Medical Foundation
Batras Health Clinic	Hirachand Chordia Eye Hospital
Stedford Hospital	Meenakshi Medical College & Hospital
Velammal Medical College & Hospital	

RETAILERS

Joy Alukkas Jewellery	GRT Jewellery
Big Bazaar	NAC Jewellery
HiStyle	MA Jacob
Diva	Reliance Retail
Croma	Connexions
Waves	John Player
Angels Cosmetics	Levis Signature
VBC Jewellery	

HOTELS

Hotel Chennai Gateway	Hotel New Park
Hotel Royal Plaza	Hotel Saravana Bhavan
SRM Grand Hotel	MGM Hotel & Resort
Star City (Mainland China)	Hotel Grand Residence

INSTITUTIONS

Meenakshi Dental College
 Savitha Dental College
 Annai Violet International School
 Velammal Engineering College
 Velammal International School





INDUSTRIES

Rane Brakes India Limited
Vestas Wind Technology India Pvt. Ltd
Hyundai Motor India Pvt LTD
First Engineering Plastics INDIA LTD
Areva T & D India Limited
Mitsubishi Heavy Industries India Precision
Tools Ltd
Ansaldo Boilers Caldie India Pvt. Ltd
Thejo Engineering Limited
Carborandum Universal Limited
Hanil Automotive India Pvt Ltd
BASF India Limited
Salcomp Manufacturing India Pvt. Ltd
RRB Energy Limited
MIL Industries Limited
Faurecia Emission Control Technologies
VSL India Pvt. Ltd
JM Frictech India Pvt. Ltd
Carnation Auto India Pvt. Ltd

INSURANCE

Cholamandalam General Insurance Company Ltd
METLIFE India Insurance Company Ltd
Aegon Religare Life Insurance Company Ltd
Future General India Insurance Co. Ltd
New India Assurance Co. Ltd

IT INDUSTRIES

Infosys Limited
Cognizant Technology Solutions
Solutions Private Limited
HCL Technologies
Kochar Infotech Pvt. Ltd
Mindtree Limited
NMS Works Software Pvt. Ltd
RR Donnelly India Outsource Pvt. Ltd
Hinduja Global Solutions LTD
Tech Mahindra Limited
Carevoyant Technologies Pvt. Ltd
HTC Global Services Inc

BANKS

SBI
Axis Bank
ICICI Bank
HDFC Bank
ING Vysya Bank
Indian Bank
Barclays Bank
Federal Bank Ltd
TMB LTD

TESTIMONIALS



Since 2008, Weather Station has been handling all our HVAC requirements. They started with installation of Blue Star Chillers and Air Handling units and today they are deeply involved from concept stage to design the right solution and installation. They exceeded all our expectations by timely and cost-effective delivery of HVAC solutions.

S. Nagarajan, Vice-President - CMFD.CQA
Rane Brake Lining Ltd

We appreciate the capability and right advise regarding tonnage and equipment by Weather Station. They have executed an 123 HP VRF system for our T.Nagar showroom and a 85 TR water cooled system for our Mylapore showroom to our total satisfaction. They have excellent pre and post sales support and response time.



N. Anantha Padmanaban, Managing Director
NAC Jewellers



Weather Station have installed Blue Star Chiller, Ducted and Packaged Air Conditioners at our offices and are maintaining them for more than six years. The quality of service, expertise and impeccable customer relationship is a great experience. We've had dealings with all sorts of Aircon companies but will say without a doubt that Weather Station is outstanding

R Shankar. General Manager - Production
Mitsubishi heavy Industries



TESTIMONIALS

Since we moved to Weather Station to maintain our HVAC units, we've not had any down time that was noticeable or uncomfortable. They have a professional team that ensure that units are functioning well at all times and we have never been bothered by faulty airconditioning like before. Thank you for your flawless service



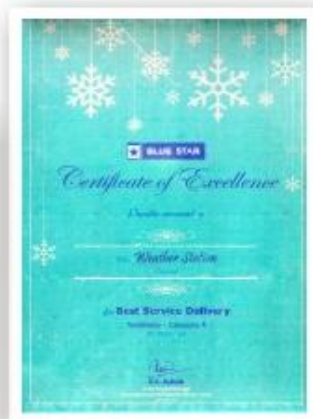
B. L. Sampath Kumar, CEO-Admin
Appasamy Hospitals



Weather Station has exceeded our expectations by carrying out the installation of our air conditioning units in record time and to our full satisfaction. All our future requirements will also request Weather Station to quote

V Rangaswamy, Manager - FMG
Tech Mahindra

AWARDS





VELAMMAL
**Medical College Hospital
& Research Institute**
The healing touch

When planning the construction of Velammal Medical College and Research Centre in Madurai we knew that efficient and

clean air conditioning was a major priority so we wanted the best system and the best team to plan and install them

Out of all of the options, Weather Station stood out as the best in the market. The planning and design of their team was excellent, encouraging the efficient use of energy. Along with our engineers they planned and put in place a design for a 4,50,000 sq ft General Hospital, 3,00,000 sq ft of Corporate Hospital, 1,50,000 sq ft of institution and 25,000 sq ft of library space. The total requirement was 3000 Tons of Air conditioning equipment, which we decided to go with 2 equal phases. Hospitals require clean air, proper temperature and humidity. We were glad that Weather Station had in depth knowledge in the requirement of a world class hospital.

Throughout the whole project, all involved from Weather Station have shown a high degree of commitment to maintaining standards of both planning and execution which has resulted in the installation being done without incident and to a very high standard.

Over the 3 years Weather Station fitted in with the requirements of the institution and the hospital. The attention to Health and Safety was exemplary in all aspects. When we decided to install more equipment this year we didn't bother speaking to other firms as we were more than happy with the service provided by them.

We would have no hesitation in recommending Weather Station to others.

Chairman and Chancellor
Velammal Medical College Hospital & Research Institute
Madurai.

**VELAMMAL MEDICAL COLLEGE
HOSPITAL & RESEARCH CENTER**

WEATHER STATION

the HVAC specialists

Authorised Dealer of Blue Star Limited

▶ Sales ▶ Service ▶ AMC



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