



VATPAL<sup>TM</sup>

ASPIRE TO INSPIRE

INNOVATIVE END-TO-END SOLUTIONS IN HVAC

BRINGING **SUSTAINABILITY** TO **CLIMATE CONTROL**  
ASPIRE TO INSPIRE TO GET COOL AND CLEAN FUTURE



## OUR MISSION

"To empower stakeholders through trusted relationships and innovative technology, fostering sustainable progress and creating lasting value for our community and beyond."

## OUR VISION

To empower a connected world through the seamless integration of trust and technology. We aspire to driving a sustainable progress, and shaping a brighter tomorrow for generations to come.

## OUR MOTTO

Growing Together with Trust and Technology for sustainable future

## OUR OFFERINGS

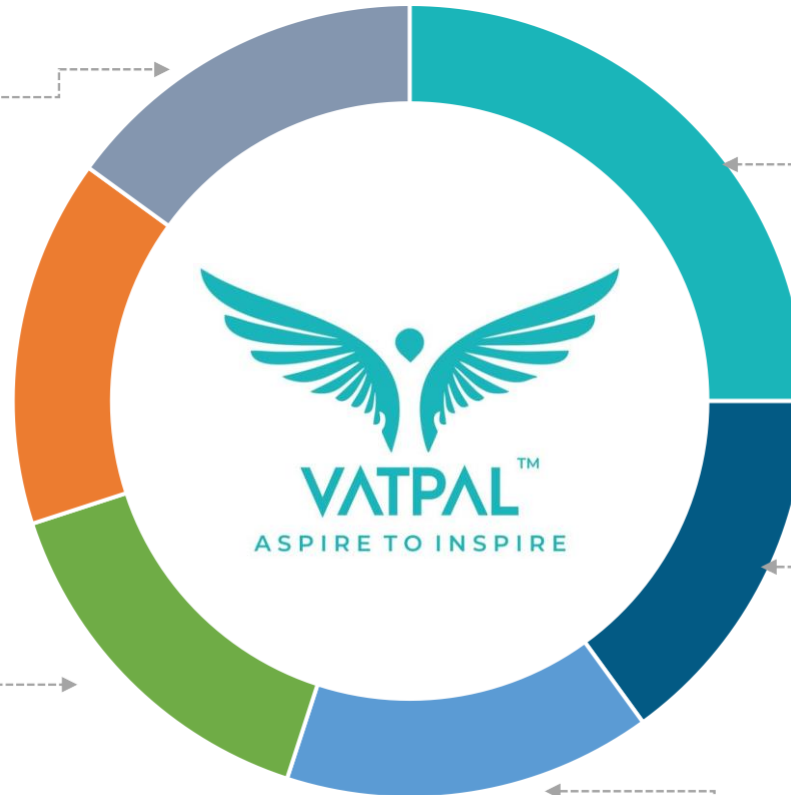
360° solutions with Technology JV with Worlds Leader's with unique solutions

All types of Filters and Filtration Systems ,FFUs Coated technical textiles, thermal mattress , films and laminates

**Engineering Consultancy**  
IAQ ,Airflow Monitoring  
,CFD Stimulations etc.  
Brand Management .

**Chillers, Process Chillers  
Heat Pumps, CDUs**

We integrate and represent innovative Global market leaders in India, bringing all HVAC solutions under one roof.



**Textile Ducting and Air Distributions System**

- Industrial
- Commercial
- Mobility

**HVAC CHW  
Water Solutions**

Trench Cooling  
Fan Coil Units  
Air curtains

**Industrial Ventilations Solutions**

HVLS System  
Roof Extractors – Hybrid  
Roof Extractors – Natural  
Industrial curtains

## ● OUR JV and Technology Partners across the Globe

The Worlds Leader's with unique solutions



We integrate and represent innovative Global market leaders in India, bringing all HVAC solutions under one roof.





## OUR OFFERINGS



For a wide spectrum of applications / end-use scenarios



**Agricultural**



**Industrial**



**Commercial/ Retails**



**Institutional**



**Aerospace**



**Railways**



**Automotive**



**Hospitals**



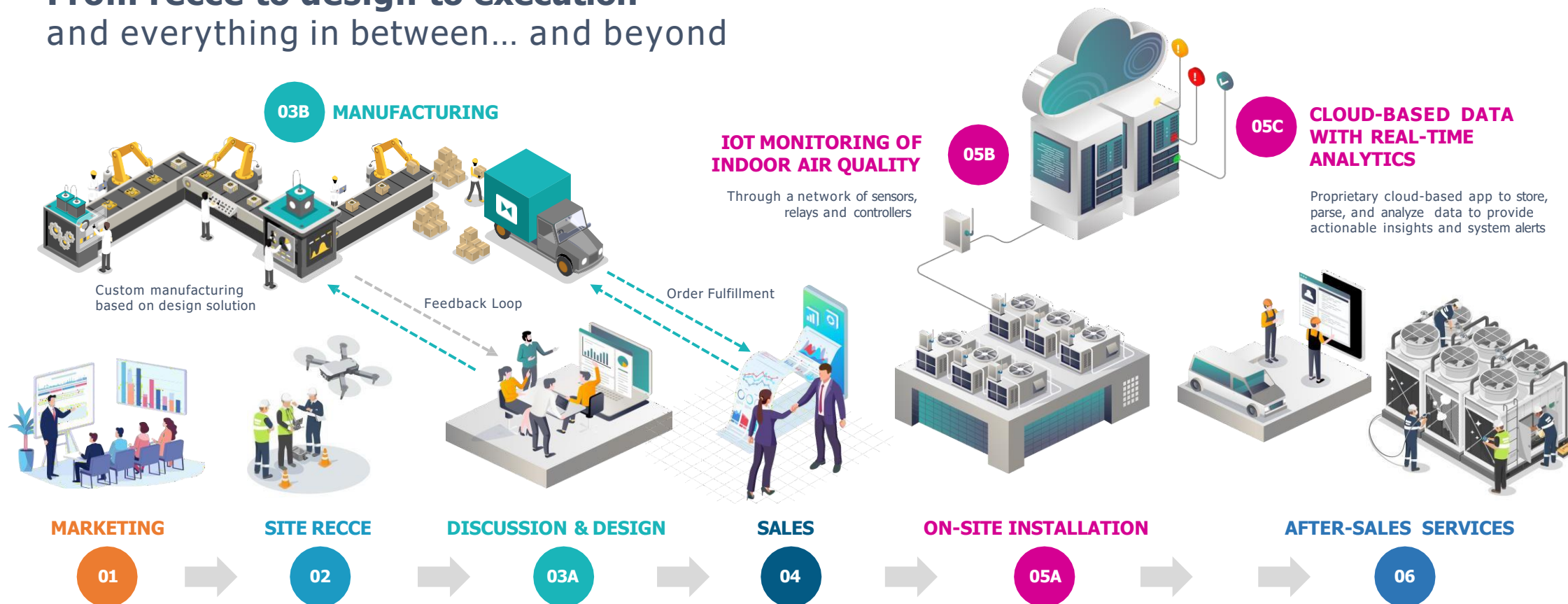
**Defense**



**Marine**

# OUR PROCESS

From recce to design to execution  
and everything in between... and beyond



Our one-stop-shop approach enables customers save on time, while benefiting from over 150 years of combined HVAC expertise.





OVERVIEW OF OUR PRODUCTS

OVERVIEW OF OUR SOLUTIONS



**VATPAL Industries** ushers in a revolutionary new era of  
**Textile Ducting Solutions for HVAC Applications.**

We have a strategic collaboration with **World's largest manufacturer of textile ducting in the world having its own weaving mill** for manufacturing textile ducting for the **VATPAL brand** specifically for the Indian market.

We offer a wide variety of fabrics and duct shapes, with our unique selection software to suit almost every plausible HVAC application from Denmark and Czech Republic.



KE

FIBERTEC

Since 1963





## Textile Ducts

These can be grouped based on whether it is an active or passive system of air distribution system, or a combination of both.



### Permeable system

Passive air distribution systems providing the best comfort, which are also suitable for cleanrooms



### Non-permeable system

Active air distribution systems specially designed for tall industrial halls



### Hybrid system

Combination of the best benefits of a permeable and a non-permeable system



### Membrane

A special solution for very difficult areas that cannot be solved with the 3 basic types

# PRODUCT PORTFOLIO



## CradelSox®

Sustainable certified textile ducting for air distribution

Certified by the **Cradle to Cradle Products Innovation Institute**  
- a globally recognized measure of product environmental friendliness

Lower energy consumption

Smaller carbon footprint during transport



## Defrost Socks

Unique textile duct designed for faster defrosting of evaporator units by speeding up the process

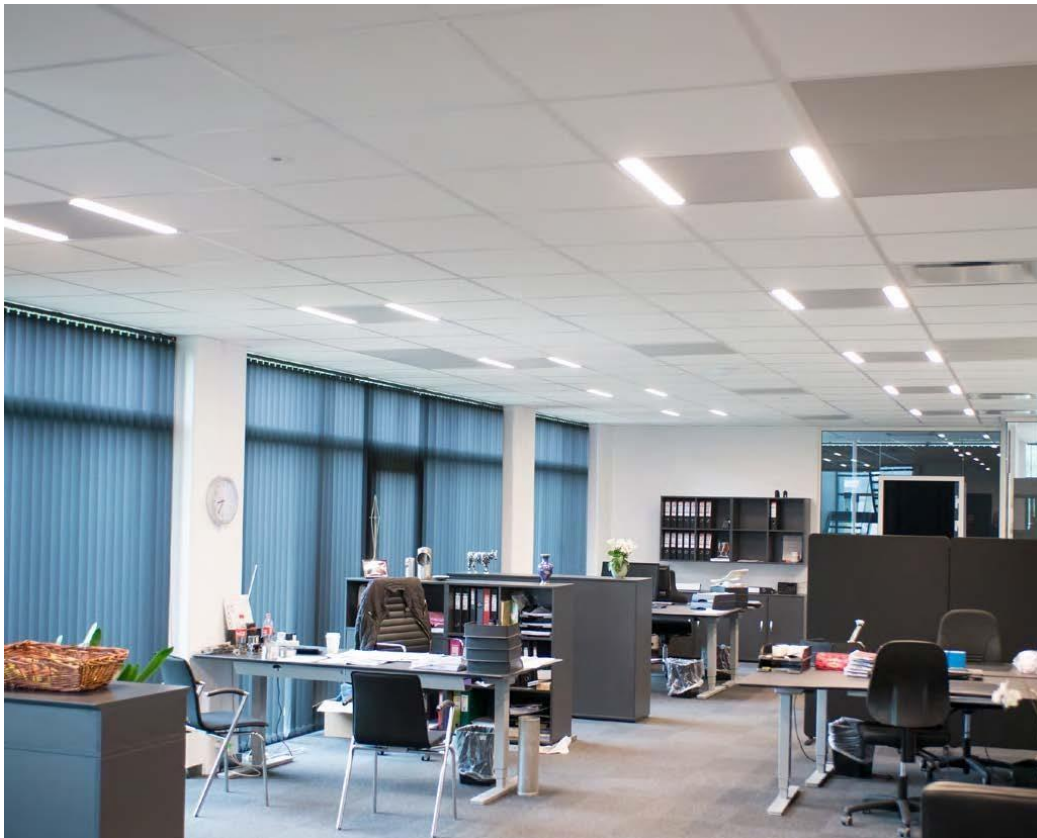
Prevents heat from escaping into surrounding space, by covering the opening when the defrosting mode is switched off

Can reduce the overall defrosting process time by up to half, thereby significantly reducing energy consumption





## FBS Panels



### Ceiling Diffusers for efficient and draft-free air distribution for diffuse or directional ventilation

Suitable for rooms with low ceilings

Flame retardant textile materials with an impermeable panel top

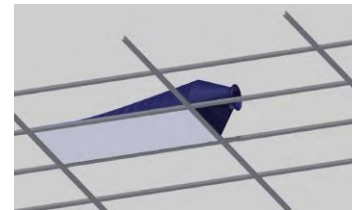
Flexible product structure with only 3 components

Fully integrated in suspended ceiling

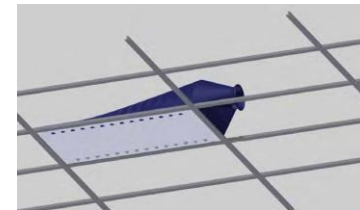
Quick and easy installation and maintenance

A flexible solution that is supplied as single panels or combined into a set of panels to form a pressure chamber (up to 4 panels)

Available in standard and special colours



**Type 1**  
Pure low impulse solution



**Type 2**  
With DFC baffles for directional air distribution

## ● PRODUCT PORTFOLIO

- Air bellows
- Instrument jackets
- Tents
- Flexible Joints
- Gangway
- Air Ducts / Hoses / thermal mattress
- Connecting pieces
- Fire walls
- Fire Curtains



**Railways**



**Automotive**



**Aerospace**



**Industrial/  
Commercial / Retail**



**Defence**

**Anti-bacterial ■ Anti-microbial ■ Fire retardant ■ Low toxicity ■ High tensile strength**

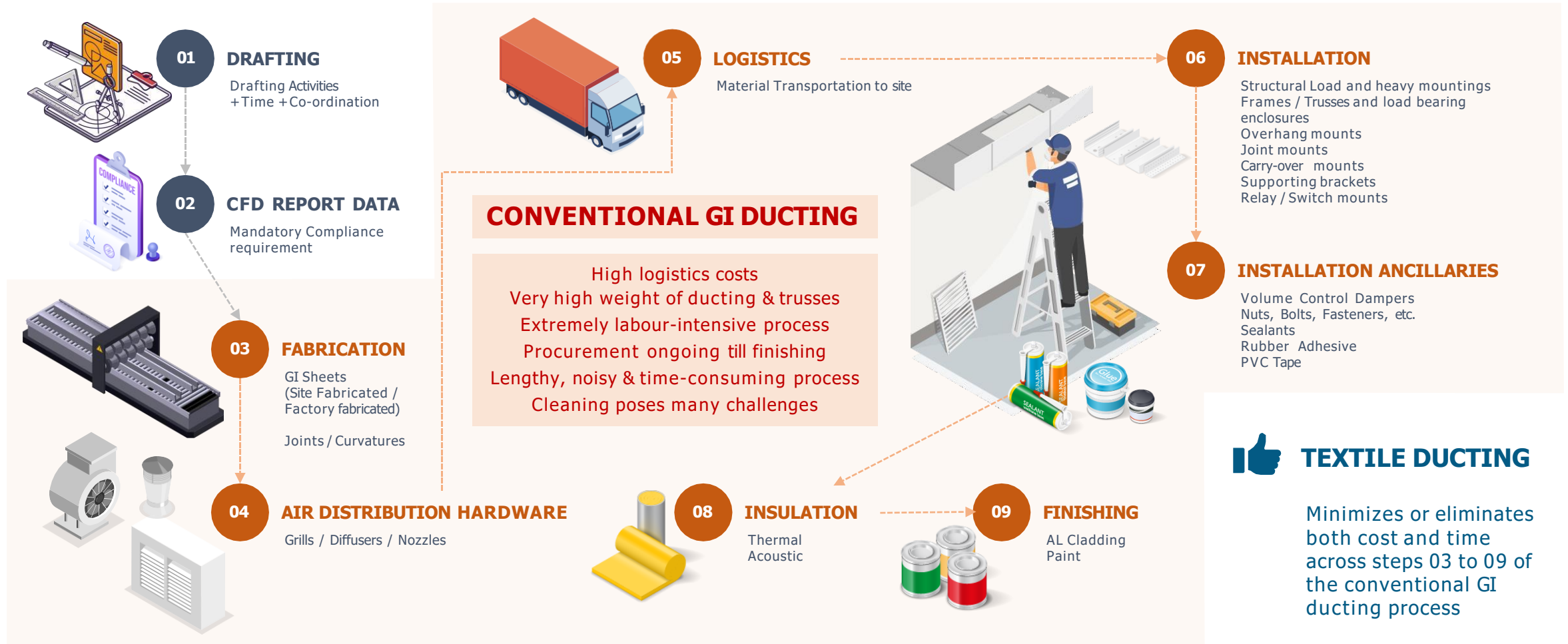
**Advanced coated technical textiles, films and laminates from VATPAL Industries**

VATPAL Industries specializes in these through strategic partnerships with global leaders in the industry. Our custom-designed solutions cater to diverse customer needs worldwide, ranging from fire retardant and anti-bacterial coatings to ensuring optimal tensile strength, elongation, hardness, and low toxicity index. Applications include air bellows, instrument jackets, tents, joints, gangway, ducts, hoses, and connecting pieces, fire walls, fire curtains, among others.

**Our innovative technologies** not only lighten structural loads, but also contribute to environmental protection, energy conservation, and resource efficiency.



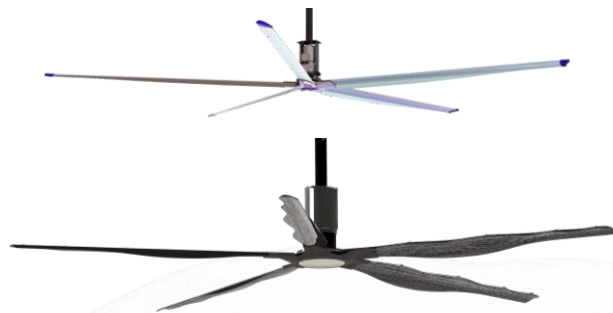
# CONVENTIONAL DUCTING vs TEXTILE DUCTING





## PRODUCT PORTFOLIO

Transform Your Building's Performance



### HVLS Fans

Large area to Strength of feeling comfort.  
Customized in appearance with unique design



### Roof Turbines and Fans

Optional powered ventilation without reducing the performance of wind exhaust levels, High levels of energy efficiency. Much lower operational noise levels



### Industrial Curtains & Partitions

- Stops the migration of heat/cold.
- Environment containment.
- Economical and affordable.
- Low maintenance.
- Simple operation.

**Recognizing a worldwide need to reduce energy consumption by contributing to the effectiveness of heating, cooling and ventilation systems since 2003.**

Envira-North's innovative products and systems are designed to enhance your building's performance. With a focus on sustainability and efficiency, their solutions are tailored to meet the unique needs of each building, ensuring maximum results.

The products depicted here are for representational purposes. We're happy to provide a full product catalogue that is aligned to your requirements.

**ENVIRA-NORTH**  
SYSTEMS LIMITED



## PRODUCT PORTFOLIO

For Data Centre's, Hospitals, Hotels, Retails , Offices  
Lowest Noise level , slimmest in size with high efficient FCUs and Trench cooling & Heating systems.



### Trench Technology

**Katherm NK**  
Natural convection



### Fan Coils

**Ultra All round**  
Ceiling unit for heating, cooling,  
ventilation in large, high-end interiors



**Ultra**  
Ceiling unit for heating, cooling,  
ventilation in large, high-end interiors



### Diffusers

**KaDeck**  
Versatile air conditioning for  
existing and new-build offices

**The whole is more than the sum of its parts.  
The Kampmann Group shows why – from 1972.**

Headquartered in Germany, Kampmann is an established and strong manufacturer in the HVAC industry. Their rich experience not only results in a unique product portfolio, but also in an unparalleled expertise in thoughtful and robust solutions for complex air conditioning systems.



## PRODUCT PORTFOLIO

High Quality , High Performance Value Added Products for our customers

For Manufacturing and Processing Industries, Hotels, Restaurants, Process Cooling etc.



**Air Cooled Chiller – R134a**



**Water Cooled Brine Chiller**



**Energy optimization Units**



**Heat Pumps**

Our Aim is to Support our customer with their energy saving and decarbonization mission.

Promote LGWP refrigerants through our Chillers and Heat Pumps

First Indian Manufacturer of  - Coaxial Heat Exchanger

Manufacturer of High Quality Refrigeration Line Components



The products depicted here are for representational purposes. We're happy to provide a full product catalogue that is aligned to your requirements.





## PRODUCT PORTFOLIO

For Clean Rooms, AHU, Air Washer, Cement Industries, Chemical Industries etc.



### COARSE FILTERS



#### UFPL MEDIA ROLL

Efficiency :  
EN 779 2012: G3-G4  
ISO 16890 : ISO Coarse  
ASHRAE 52.2 2017 : MERV 5-6, MERV 6-8  
• Polyester Synthetic white and green glass fibre



#### UFPL PANDUST FILTER

Efficiency :  
EN 779 2012: G3  
ISO 16890 : ISO Coarse  
ASHRAE 52.2 2017 : MERV 5-6  
• Disposable filter with glass fibre media & cardboard frame



#### UFPL PANFIL FILTER

Efficiency :  
EN 779 2012: G3-G4  
ISO 16890 : ISO Coarse  
ASHRAE 52.2 2017 : MERV 6-8  
• Z type pleated synthetic media with back mesh support & cardboard frame

EN 779:2012 / ISO16890  
FILTER GRADE : G2-G4 / COARSE

### MEDIUM AND FINE FILTERS



#### UFPL RESDUST FILTER

Efficiency :  
EN 779 2012: M5-M6  
ISO 16890 : ISO Coarse, ePM10  
ASHRAE 52.2 2017 : MERV 10-11  
• Z pleated synthetic media with back mesh support & cardboard frame



#### UFPL AERO-POCKET FILTER

Efficiency :  
EN 779 2012: M5-F9  
ISO 16890 : ePM10-ePM1  
ASHRAE 52.2 2017 : MERV 11-16  
• Synthetic media with galvanized and aluminium frame



#### UFPL SYNTHETIC FINE FILTER

Efficiency :  
EN 779 2012: M5-F9  
ISO 16890 : ePM10-ePM1  
ASHRAE 52.2 2017 : MERV 11-16  
• Z pleated Synthetic Media supported by HDPE mesh one side and other side Aluminium mesh with Galvanized and Aluminium Frame / Rod type Constructed Synthetic Media supported by HDPE mesh both side with frame Galvanized and Aluminium

EN 779:2012 / ISO16890  
FILTER GRADE : M5-F9

### EPA, HEPA, ULPA & CHEMICAL FILTERS

(Manufactured in clean room environment)



#### UFPL DEEP PLEAT HEPA FILTER

Efficiency:  
EN1822: E10 – H14  
Glass fiber Media with corrugated aluminium separator sealed by PU with frame anodized aluminium for normal and high flow application



#### UFPL MINI PLEAT HEPA FILTER

Efficiency:  
EN1822: E10 – H14  
Minipleat Glass Fiber media with extruded anodized aluminium frame and gasket at air inlet side, Ex Frame Profile: 69 mm, 90 mm 150 mm



#### UFPL MINI PLEAT GEL HEPA FILTER

Efficiency:  
EN1822: E10 – H14  
Minipleat Glass Fiber media with extruded anodized aluminium frame with silicon base GEL at air inlet side Ex Frame Profile: 81mm 105mm, 149 mm

EN 1822  
FILTER GRADE:  
E10-E11-E12-H13-H14-U15-U16-U17

**USHA FILTERS** was established in **MEERUT** in **1982** with a manufacturing plant and state-of-the-art testing facilities. We discover top-of-the-line air filtration solutions for residential, commercial, and industrial needs. Our advanced filters ensure clean and healthy air, enhancing your well-being. Explore our product range and experience the difference of breathing pure air. Satisfaction guaranteed.

We provide customers with sustainable best-in-class air filtration products and services.



# EMPOWERING GLOBAL BRANDS THROUGH TECHNOLOGY



## Manufacturing



## Automotive & Allied



## Retail



## Food & Beverage



## Mobility



## Ulhas Keshavsingh Vatpal

Founder and CEO

**A dynamic force in the HVAC & R industry, renowned for his expertise in reorganizing and restructuring business development and sales teams.**

With a background in Mechanical Engineering from VJTI, Mumbai and an MBA in Marketing Management from IBMS, Mumbai, he combines technical expertise with strategic acumen. His journey, enriched by roles in esteemed organizations, has consistently delivered exceptional results. His unique talent lies in translating business initiatives and marketing strategies into tangible bottom-line results, driving sales, revenue, and client growth.

**18+ years in HVAC**

Collaborator

Communicator

Motivator

Visionary

### Signature Skills

Leadership ■ Project Enhancement  
■ Market Entry Pioneer ■ Strategic  
Leadership ■ Market Expansion ■  
Sales Excellence ■ ROI & EBITA  
Improvement

### Active Committee Member



### Past Professional Roles



Connect with Ulhas on LinkedIn to explore potential collaborations and opportunities for remarkable growth





## OUR EXPERT TEAM FOR YOUR KIND SERVICE



**Vinod Patil**

Head - Marketing

vinod@vatpalgroup.com



**Abhijit Pawar**

Head - Business Development

abhijit@vatpalgroup.com



**Mayur Bhoyar**

Manager - Sales & Marketing

mayur@vatpalgroup.com



**Manisha Suryawanshi**

Manager - Design & Estimation

manisha@vatpalgroup.com



**Suyash Pawar**

Head - Finance & Admin

suyash@vatpalgroup.com



USA



Germany



UAE



India



Thailand



Australia



1

5

40+

6+

70+

15+

25+

20,000,000+

HQ of the company  
Design, Sales, Marketing  
Business Development &  
After Sales Services

Joint ventures  
for innovative  
Technologies

Years on the  
combined  
market  
experience  
with JV  
partners

Countries with active Business  
Associates / distributors

Countries, Our Products  
exported

Dedicated Employees

Innovative & Energy  
Efficient Product Solutions

Combined Products  
successfully installed



**VATPAL™**

ASPIRE TO INSPIRE

**VATPAL Industries Pvt Ltd** , C 403, Mantri Eternity (Plus), Old Mumbai-Pune Highway, Kundan Nagar, Dapodi, Pune 411012, Maharashtra, India

**+91 7777093577** [info@vatpalgroup.com](mailto:info@vatpalgroup.com) [www.vatpalgroup.com](http://www.vatpalgroup.com)