

# COMPANY PROFILE



**VIJAYALAXMI FABRICATORS**  
**IS NOW**

**VJ PERFECT AIR PRODUCTS**

The Leading Manufacturer of Ducting



# VJ PERFECT AIR PRODUCTS

Manufacturer of Ducting and Installation

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## THE COMPANY:

- VIJAYALAXMI FABRICATORS is established in the year 2002.
- Products, Quality and commitment Remains same only name has changed to VJ PERFECT AIR PRODUCTS
- VJ PERFECT AIR PRODUCTS is spear headed by Technocrats having hands on experience of over 20 years in the Field of HVAC Supply and Installation works
- The Leading Manufacturer of ducting and installation works

## MANUFACTURING ACTIVITY:

- GI & Aluminium Duct
- Bare Duct & MS Duct
- MS Angle Flanges for Bare ducts
- Volume control dampers
- Diffuser Mixing Boxes
- Slot Mixing Boxes
- Cross Talk Attenuators
- Sound Attenuators
- Single & Double skin AHU Plenum's
- Butterfly Dampers

VJ PERFECT AIR PRODUCTS (MAIN OFFICE )  
SY.NO.298/PART, #1-197/NR, Opp. Ratna Extrusions Pvt Ltd  
Phase – 1, IDA., Jeedimetla, Hyderabad – 500 055.

WEB SITE : [WWW.VJAIRPRODUCTS.COM](http://WWW.VJAIRPRODUCTS.COM)  
E-mail : - [vjairproducts@gmail.com](mailto:vjairproducts@gmail.com)  
Cell : 9849063235,9989702373



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## **PLANT & MACHINERY: -**

- We have an Established capacity of 600 M2 / day for GI Ducting including its corresponding volume of Air Distribution products
- We Have Two Branches Main branch in HYDERABAD Telangana, and second one in Vishakhapatnam Andhra Pradesh.
- We have a good team workers skilled Workers 45 Members and unskilled 50 Members (helpers) (Including Fabricators and installation team) in Hyderabad, and also same team in Vishakhapatnam.
- Since we have independent production lines for Straight & Profile duct and Air distribution products, will be able to supply the required Material in-sync with the Installation activities at site which would result in timely and phase wise completion of HVAC projects.
- We have our full range of products approved by most of the Prestigious Consultants, Customers and their Clients.

## **Our Esteemed Clients: -**

- **VOLTAS LTD**
- **ABS FUJITSU GENERAL PVT LTD**
- **PREMIER AIRCON**
- **VERTEX AIR TECHNOLOGIES**
- **NIRVAYU ELECTRO MECH**
- **MICRON ELECTRICALS**
- **BLUE STAR LTD**

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- PAVANI ENGINEERS
- ETA ENGINEERING PVT LTD
- VK BUILDING SERVICES PVT LTD
- M+W GROUP
- SS COMFORTS
- SYSTEM AIR INDIA PVT LTD
- AHLADA ENGINEERS PVT LTD
- STE GROUP
- CELSIUS HVAC SYSTEMS
- INTEGRATED CLEAN ROOM TECHNOLOGIES
- HARSHAVARDHAN AC ENGINEERS PVT LTD

## OUR CUSTOMERS: -

- WIPRO
- INFOSYS
- ACCENTURE
- TATA CONSULTANCY SERVICES
- SATYAM COMPUTERS
- APOLLO HOSPITALS
- TATA MOTORS
- GMR AIR PROT SHAMSHABAD ( L&T )
- MANJEERA MALL



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- FORUM MALL
- CHENNAI SHOPPING MALL
- ALEXANDRIA
- TRINITY
- JAYA BHERI
- BHEL
- HINDUSTAN AERONAUTICS LTD
- TECH MAHINDRA
- TSI
- NOVARTIS HEALTH CARE
- ORR MALL
- ORACLE
- AMARARAJA INFRA PVT LTD
- BGR MINING INFRA PVT LTD
- MRF
- JOHNSON & JOHNSON
- AIG HOSPITALS
- ICICI BANK
- DELOITTE
- MEENAKSHI



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- DELL
- BDL
- RCI
- TELANGANA POLICE HEADQUARTERS ( HYDERABAD )
- AUROBINDIO
- COMMISSIONER OF POLICE (SIDDIPETA )
- WELLS FORGO
- KIMS HOSPITAL
- MNJ HOSPITAL
- INVECAS TECHNOLOGIES
- APTAMITRA HOSPITAL
- INVECAS TECHNOLOGIES
- APTAMITRA HOSPITAL
- KRISHNA SINDURA HOSPITAL
- DUPONT
- CHEM PHARMA
- INVECAS TECHNOLOGICAL PVT LTD
- GVK SKY VIEW
- MNJ HOSPITAL
- PHIONEER RESORTS HOLIDAY



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## **COMPANY ADDRESS & BANK ACCOUNT DETAILS:**

### **VJ PERFECT AIR PRODUCTS(MAIN OFFICE )**

SY.NO.298/PART, #1-197/NR, Opp. Ratna Extrusions Pvt Ltd

Phase – 1, IDA., Jeedimetla, Hyderabad – 500 055.

Web Site:[www.vjairproducts.com](http://www.vjairproducts.com),

E-mail: - [vjairproducts@gmail.com](mailto:vjairproducts@gmail.com)

Cell : 98490-63235,99666-05388

### **VJ PERFECT AIR PRODUCTS ( BRANCH OFFICE )**

PLOT NO : AIE – 153, PEDA GANTYADA,

GAJUWAKA, VISAKHAPATNAM – 500044

Web Site:[www.vjairproducts.com](http://www.vjairproducts.com),

E-mail: [vjairproductsvizag@gmail.com](mailto:vjairproductsvizag@gmail.com)

Cell : 99590-46224,89199-44398

**A/c Name :VJ PERFECT AIR PRODUCTS**

**A/c No:151131100000104**

**BANK : UNION BANK OF INDIA**

**BRANCH : BALAJINAGAR KUKATPALLY**

**IFSC CODE : UBIN0815110**

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# VJ PERFECT AIR PRODUCTS

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## TECHNICAL SPECIFICATIONS FOR DUCTING & AIR DISTRIBUTION PRODUCTS

### GSS DUCTING: -

S.no	Description	Factory Fabricated GI Ducts
1	Applicable Standard Item	SMACNA & IS Standards
2	Material Specification	Galvanized Steel sheet Conforming to IS: 277,2003
3	Finish	Galvanized, 120/180/270 GSM
4	Material Make	Jindal / TATA / SAIL
5	Transverse Joint	Transverse Duct Flange (TDF) 32mm wide with specially designed groove for better Air Leak Proofing. TDF Corner manufactured in fully automated unmanned production line with High precision progressive tooling

### MS DUCT (CRCA& HR SHEET) WITH ANGLE FLANGES:-

S.no	Description	Factory Fabricated MS Ducts
1	Applicable Standard Item	SMACNA & IS Standards
2	Material Specification	CRCA & HR SHEET( Sheet Thick-"1.2mm, 1.6mm & 3mm" Customer Required ) Conforming to IS: 277,2003
3	Transverse Joint	Transverse Duct Flange MS iron angle Flanges, Angle Sizes Customer requirement only 25mmx25mmx3mm 40mmx40mmx3mm 40mmx40mmx5mm 50mmx50mmx5mm 50mmx50mmx6mm All joints with welded, with one coat of red oxide and one coat black paint
4	Flange Fixing	All flanges fix with Gi rivets to MS duct





VJ PERFECT AIR PRODUCTS  
 SY.NO: 298/PART,DOOR NO.1-197, OPP RATNA EXTRUSIONS  
 PVT LTD.,  
 PHASE-1,IDA JEEDIMETLA, HYDERABAD,TELANGANA-500055.

### TECHNICAL DATA SHEET

**PROJECT NAME :**  
**CUSTOMER NAME :**  
**PRODUCT :** MS RECTANGULAR DUCT  
**MAKE OF MATERIAL :** JINDAL / TATA/ESSAR  
**COATING OF MATERIAL :**

SNO	Description	Duct Supporting Materials
1	Applicable Standard Item	SMACNA & IS Standards
2	Material Specification	CRCA & HR SHEET( Sheet Thick-"1.2mm, 1.6mm & 3mm" Customer Required ) Conforming to IS: 277,2003
3	Transverse Joint	Transverse Duct Flange MS iron angle Flanges, Angle Sizes Customer requirement only 25mmx25mmx3mm 40mmx40mmx3mm 40mmx40mmx5mm 50mmx50mmx5mm 50mmx50mmx6mm All joints with welded, with one coat of red oxide and one coat black paint
4	Flange Fixing	All flanges fix with Gi rivets to MS duct

**Note :**

- 1 As per Customer Requirement we Make Duct Box Type Full Welded Duct
- 2 Duct Length Should Be 4 Feet
- 3 we applying sealant for all Ducts at factory only
- 4 Minimum Requirement Required for Transportation Approx 180 sqm For Lot

#### MAJOR PROJECTS COMPLETED FOR MS DUCT

SNO	CLINT	CUSTOMER	LOCATION
1	ABS FUJITSU GENERAL PVT LTD	SATTVA KNOWLEDGE PARK APARNA SLN TERMINUS	HITECH CITY, HYDERABAD GACHIBOWLI, HYDERABAD
2	BLUE STAR LTD	LULU MALL TCS ADIBATLA MRF	KPHB, HYDERABAD ADIBATLA, HYDERABAD MEDAK PLANT, HYDERABAD
3	ETA ENGINEERING PVT LTD	ICICI	GACHIBOWLI, HYDERABAD
4	PREMIER AIRCON	PIONEER HOTEL MRF	BANJARA HILLS, HYDERABAD ANKENPALLY, HYDERABAD
5	VK BUILDING SERVICES LTD	SATTVA KNOWLEDGE PARK	HITECH CITY, HYDERABAD
6	VOLTAS LTD	TCS GMR AIRPORT	ADIBATLA, HYDERABAD SHAMSHABAD, HYDERABAD

**Duct Accessories: -**

<b>S.no</b>	<b>Description</b>	<b>Duct Supporting Materials</b>
1	Bolt & Nut	Electroplated High Tensile Carriage Bolt & Flange Nut of size M10
2	Gasket	Gasket Foam with single side coated specially formulated acrylic adhesive for High bonding with Metal Flange. Thickness of 5mm X 4 mm Width for better compression and sealing
3	TDF Cleat	Machine made TDF Cleat from 22G G.S.S for better strength and Locking of TDF Flange
4	Sealant	Water based Duct Sealant 100% Non-Hazardous Food grade material, High viscosity for better application and sealing

**BUTTERFLY DAMPER:-**

<b>SNO</b>	<b>Description</b>	<b>Butterfly Damper (Round Damper)</b>
1	Applicable standard	Customer Requirement
2	Material specification	Galvanized Plain Sheet conforming to IS:277;2003
3	Finish	Galvanized, 120 / 180 / 270 GSM
4	Material Make	Jindal / TATA / SAIL
5	Size Range	Ø150mm to Ø300mm
6	Body & Flap	100% factory fabricated with Class VIII - 120/180/270 GSM TATA/JSW make Galvanized Steel Sheet
		Body made of 24Gauge / customer specified thickness Galvanized Steel Sheet.
		Flap made of 22 Gauge Galvanized Steel Sheet and Neoprene Gasket lining on Body for leak proofing when in close position
7	Assembly	Flap and Operating Shafts locking with NY lock Nuts (Nylon lock) for fool proof locking arrangement prevents Unthreading due to Vibrations.

		High Quality Bushes and Shafts used for extended life and better Operational Endurance
8	Quality	All joints are machine made and closed.

**VOLUME CONTROL DAMPER:-**

SNO	Description	VOLUME CONTROL DAMPERS
1	Applicable standard	Customer Requirement
2	Material specification	Galvanized Plain Sheet conforming to IS:277;2003
3	Finish	Galvanized, 120 / 180 / 270 GSM
4	Material Make	Jindal / TATA / SAIL
5	Size Range	Customer Required
6	Body & Flap	100% factory fabricated with Class VIII - 120/180/270 GSM TATA/JSW make Galvanized Steel Sheet
		Body made of 18Gauge / customer specified thickness Galvanized Steel Sheet.
		Blade made of 20 Gauge / customer specified thickness Galvanized Steel Sheet.

**SPILL AIR BOXES :-**

SNO	Description	SPILL AIR BOXES
1	Applicable standard	Customer Requirement
2	Material specification	Galvanized Plain Sheet conforming to IS:277;2003
3	Finish	Galvanized, 120 / 180 / 270 GSM
4	Material Make	Jindal / TATA / SAIL
5	Size Range	Customer Required
		Diffuser Mixing Boxes & slot mixing boxes

## SOUND ATTENUATOR: -

This is used to minimize noise in air Distribution system. Sound attenuators provides optimized acoustic performance for application where high levels of noise reduction are required

### Types of sound attenuator

- Rectangular Sound attenuator
- Circular sound attenuator
- Cross talk attenuator

### Specifications: -

- Outer Body made of 20 G (TDFFLANGE) GI SHEET
- 22 G SPLITTERS & 24 G ALUMINIUM PERFORATED SHEET



Circular sound attenuator



Rectangular Sound attenuator



Cross talk attenuator