



PRODUCT BROCHURE

HEATING, VENTILATION, COOLING AND POLLUTION CONTROL SYSTEMS



VAYUVENTS

LIMITLESS POSSIBILITIES, ENDLESS SOLUTIONS



www.vayuvents.com



ABOUT US

VAYUVENTS PRIVATE LIMITED Established in the year 2010, In Vasai, Mumbai (Maharashtra, India) we, "Vayuvents Private Limited", are the Manufacturer, Exporter of Axial Fan, Centrifugal Fan, Industrial Mancooler Fan, Industrial Hot air blower, Pulse jet dust collector, Bug Blower, Electrical Operated Roof Extractor fan, Motorized Roof Exhaust Fan, Twin lobe blower, Cyclone Dust Collector, Hot air Axial Fan, Fume Scrubber, Belt Driven Centrifugal Blower, Air washer Unit, Air Handling Unit, ID & FD Fan and many more.

VAYUVENTS PRIVATE LIMITED are made available in a varied range of specifications, to meet the diversified requirements of our valuable customers. We are extremely concerned with the quality of the proffered assemblage and this is the reason, we use premium quality raw materials for the manufacturing operation. At our company, VAYUVENTS PRIVATE LIMITED have established a state-of-the-art infrastructure facility that is equipped with basic amenities and machines that are based on modern & advanced technology in the market. Moreover, we have recruited a team of experienced and skilled professionals, who are well trained to understand the varied requirements of our reputed customers. In past decades, we have garnered an unmatched position in the business and wish to garner multiple clients in the future too. We involve in ethical business dealings only. These products are being used by a very diverse range of industries ranging from Power plants & cement manufacturing to Pharmaceuticals & textiles.

Under the able leadership of **VAYUVENTS PRIVATE LIMITED** Founder, 'Rajan Ramashish Pal', we have been able to establish our stand-alone position in the market. His rich industry experience, continuous motivation, and sound business understanding have enabled our organization to gain a phenomenal success in this competitive market.

COMPANY PROFILE

Vayuvents Limited is a leading manufacturer and supplier of HVAC (Heating, Ventilation, and Air Conditioning) solutions in India. Established in 2010, the company specializes in designing, manufacturing, installing, and servicing a wide range of products, including axial fans, centrifugal fans, industrial mancooler fans, hot air blowers, dust collectors, and more.

Vayuvents caters to various industries, such as marine, offshore, and manufacturing, providing tailored solutions to meet specific ventilation and air pollution control requirements. With a focus on quality and innovation, Vayuvents has become a trusted partner for businesses seeking reliable and efficient HVAC systems.

Our Qualities	Our Commitments	About Us
<ul style="list-style-type: none"> • Quality-focused: Prioritizes high-quality products and services. • Innovative: Continuously develops new and advanced HVAC solutions. • Reliable: Offers dependable and efficient HVAC systems for various industries. 	<ul style="list-style-type: none"> • Client-Satisfaction: Understanding customers' need before showcasing our products. • Cost-Friendly: Continuously reviewing the market and giving you the best rates which are pocket friendly . • Great-After-Sale-Services: Will go beyond our customers' expectations in terms of delivery and after sale services 	<ul style="list-style-type: none"> • HVAC solutions provider • Quality products and services • Reliable and efficient systems

We offer our products to many market segments as a motor fan company and over the period of time we have successfully expanded to various markets like

- Marine works
- Nuclear Power Plants
- Highway Tunnels
- Steel Industries
- Oil Factories
- Energy Industries
- Iron Industries
- Solar Industries



DAYLIGHT HARVESTING SYSTEMS



SOLATUBE DAY LIGHTING SKYLIGHT

Vayuvent Daylighting Systems are innovative solutions that maximize natural light in industrial and commercial buildings. They use Solatube technology to capture sunlight through a rooftop dome, transport it via a reflective tube, and diffuse it evenly indoors. These systems offer significant advantages over traditional skylights, including easier installation, lower cost, and improved optical performance. Vayuvent's customization options ensure that the daylighting system perfectly suits the specific needs of each building.

Components Of Solatube Lighting Skylight

1. Dome
2. Reflector tube
3. Diffuser
4. Ceiling light fixture
5. Flashing
6. Clamps

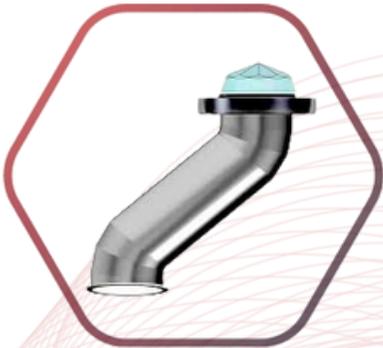


Key Features Of Solatube Day Lighting Skylight

1. High-efficiency reflector for maximum light capture.
2. Durable construction for long-lasting performance.
3. Various sizes to fit different spaces.
4. Easy installation with minimal disruption.
5. Energy-efficient alternative to traditional lighting.

SOLATUBE DAY LIGHTING SKYLIGHT

Vayuvent Daylighting Systems use Solatube technology to capture and diffuse natural light efficiently in buildings.



SOLATUBE DAY LIGHTING SKYLIGHT

Solatube day lighting skylight come in various dimensions, here are some listed below.

Sr No	Model	Dimensions of the Light pipe	Lumen Output	Equivalent Wattage of Electrical Lighting	Area Coverage approximately	Recommended Height
1	SDS-750-700	750mm	22,000 Lumens	470 watt	700sqft	10 mtr height
2	SDS-530-500	530mm	12,000 Lumens	300 watt	500sqft	7 mtr height
3	SDS-400-300	400mm	8,000 Lumens	180 watt	300sqft	5 mtr height

PAYBACK CALCULATIONS

Payback calculation is worked out in comparison to Electrical Lighting

Energy Savings : Typical 760 mm diameter Day Tube lumen output is 20,000 lumens.

Electrical lighting wattage equivalent to 750mm diameter Day Tube - 475w

Electrical Energy savings per year is

1 Day Tube * 0.475 kw * 10 hrs/day * 365 days * Rs. 7.00/kwh = Rs. 12,136.25

Maintenance cost savings :

Considering bulb replacement & other costs.

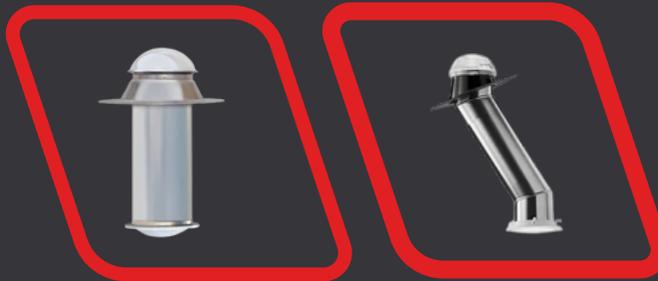
Total w * Rs/w = 475 * Rs. 5 = Rs.2375

Enjoy the benefits of natural sunlight without the high cost. Tubular Skylights offer a practical and energy-efficient solution to brighten up any room in your home. These innovative skylights harness the power of the sun to provide free, soft daylight. Unlike traditional skylights, Tubular Skylights are designed to maximize natural light while minimizing heat gain and loss.

Not only do Tubular Skylights improve your home's ambiance and energy efficiency, but they can also have a positive impact on your mood and overall well-being.

Components Of Solar Skylight

1. Solar panels
2. Glass or acrylic panels
3. Shading system
4. Lighting system
5. Mounting frame
6. Electrical wiring

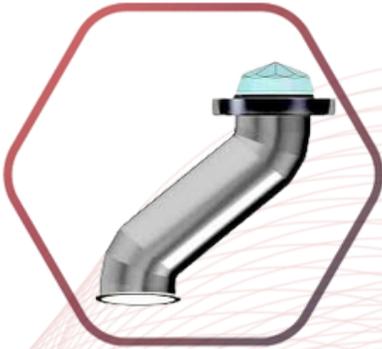


Key Features Of Solar Skylight

1. Transparent solar panels for efficient light and energy capture.
2. Integrated shading system for adjustable light control.
3. Rainwater harvesting capability for sustainable water collection.
4. Energy-efficient lighting system for optimal indoor illumination.
5. Modern design to complement various architectural styles.

SOLAR SKYLIGHT

Tubular Skylights: affordable, energy-efficient, and natural light for your home.



SOLAR SKYLIGHT

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WHAT DO WE OFFER

We offer state of the art services and industrial products. Feel free to contact us on our social media handles and on our website.

HOW TO REACH

1. Jnpt port - 35 km
2. Sahar Air Cargo - 20Km
3. Railway station - 5Km
4. Vasai Highway - 200m





Contact us

Sales@vayuvents.com

Support@vayuvents.com

Technical : +91 8793841013

Call for any support : +91 9096163605

OUR CLIENTS

