

India Cellulose Pad Market By Application (Industrial Air Washer, Poultry/Dairy Greenhouse, Residential Air Coolers, Cooling Towers, Adiabatic Air-Cooling Applications, Direct Evaporative Cooling Applications, Others), By Region, Competition Forecast and Opportunities, FY2018-FY2028F

<https://marketpublishers.com/r/IA252B8C82C0EN.html>

Date: February 2023

Pages: 76

Price: US\$ 4,400.00 (Single User License)

ID: IA252B8C82C0EN

Abstracts

India Cellulose Pad Market was valued at INR 7218.31 million in FY2022 and is anticipated to register a CAGR of 4.25% in the forecast period, 2023-2028, owing to favorable regulations for sustainable energy, expansion and investments in evaporative cooling pads.

An anti-rot, rigidifying, and wetting resin coat is applied to the cross-corrugated cellulose pad. The pad's design causes recirculating water to go vertically through it and air to move horizontally through it. They are capable of holding back flowing water. These pads are the most effective cooling media in the market right now since they can store water and offer the maximum cooling efficiency. Due to the cross-corrugated cellulose paper layers that make up cellulose pads, they have a larger surface area for evaporation and can reduce water carry-over problems.

Advancement in Technologies

Among government organizations worldwide, the Indian Society of Heating, Refrigerating, & Air Conditioning Engineers (ISHRAE) has recommended improved airflow and fresh air intakes in the current COVID-19 pandemic crisis. End users are thus concentrating more on integrating evaporative cooling systems, which may improve indoor air quality and offer secure workspaces with lower energy use. For a six-

inch pad and 225 feet per minute for a four-inch pad, the pad pressure—a measure of the effort needed to pull air through the pad at the desired air velocity—has been increased. The harder one presses, the harder it is for the fans to force air through the pads. The pressure will probably rise as the pads become more soiled over time. In the industrial sectors, cutting-edge evaporative cooling systems are frequently employed to foresee maintenance needs before a problem emerges. The most advanced Internet of Things (IoT) cooling technology solutions comprise sensors, connections, software, and other components that let the system to communicate with other connected devices. IoT devices enhance preventative maintenance by collecting information on the state of the air as well as the equipment.

User Friendliness & Environmentally Friendly

The item is environmentally friendly and acts as a humidifier in dry climates. Evaporation is the key to how air coolers operate. It works by drawing in fresh air from the outside and forcing it through moist cooling pads, which absorb heat from the environment rather than drying it out like air conditioners do. Since air coolers don't use harmful cooling agents like CFC, HCFC, and other hydrofluorocarbons used in air conditioning to chill the surrounding area, they are more environmentally friendly. Consumers' preference for air coolers is growing as they become more concerned about the energy use of their air conditioners. In comparison to ACs, they save electricity expenditure by about 80% to 90%, making them more cost- and energy-effective over time. Cooling pads have a lot of surface area that is exposed to the air that greenhouse exhaust fans pull in. The vastness of this surface area allows for quick evaporation. Common pad materials include aspen fiber or cellulosic materials. Since cellulose pads are more environmentally friendly and endure longer than aspen pads, they are preferred by the majority of farmers. As a result, it is expected that the cellulose pad market in India will grow throughout the forecast period.

Increasing Need for Environmental Control in Green House

The need to protect the environment from greenhouse gases has increased as the population has grown. As a result, in hot climates, environmentally friendly evaporative coolers are becoming more popular. Furthermore, a number of components and operational factors affect how well an evaporative cooler performs. For instance, air coolers work on the evaporation principle. By forcing fresh air through damp cooling pads that absorb heat from the environment, it moves air more efficiently to bring in fresh air from the outside. Additionally, air coolers are environmentally favorable because they don't use dangerous cooling gases like CFC, HCFC, and other

hydrofluorocarbons. As a result, consumers are turning to air coolers and demand for cellulose pads is increasing due to rising energy consumption concerns and environmental alarms.

Market Segmentation

The India cellulose pad market is divided into application. Based on Application, the market is divided into Industrial Air Washer, Poultry/Dairy Greenhouse, Residential Air Coolers, Cooling Towers, Adiabatic Air-Cooling Applications, Direct Evaporative Cooling Applications, Others. The market is also segmented by region that is West, South, North, East.

Market Players

Major market players in the India Cellulose Pad Market are Desiccant Rotors International Pvt. Ltd., Flowline India Pvt Ltd, S.S. Lifestyle Private Limited, SRG Machines Pvt. Ltd., Devatech Engineers Private Limited, Dhumal Industries India Pvt. Ltd., Greentech Industries (India) Private Limited, HuTek (Asia) Company Ltd., SV Cooltech Private Limited, Nikhil Agritech Greenhouse Co., UltraCool Solutions LLP, Munters India Humidity Control Pvt Ltd., others.

Report Scope:

In this report, the India Cellulose Pad Market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

India Cellulose Pad Market, By Application:

Industrial Air Washer

Poultry/Dairy Greenhouse

Residential Air Coolers

Cooling Towers

Adiabatic Air-Cooling Applications

Direct Evaporative Cooling Applications

Others

India Cellulose Pad Market, By Region:

West

South

North

East

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the India Cellulose Pad Market.

Available Customizations:

India Cellulose Pad Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

2. RESEARCH METHODOLOGY

3. IMPACT OF COVID-19 ON INDIA CELLULOSE PAD MARKET

4. EXECUTIVE SUMMARY

5. VOICE OF CUSTOMER

5.1. Brand Awareness

5.2. Key Satisfaction Level

5.3. Preference for Cellulose Pad, By Application

5.4. Factors Considering While Purchasing Product

6. INDIA CELLULOSE PAD MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value & Quantity

6.2. Market Share & Forecast

6.2.1. By Application (Industrial Air Washer, Poultry/Dairy Greenhouse, Residential Air Coolers, Cooling Towers, Adiabatic Air-Cooling Applications, Direct Evaporative Cooling Applications, Others)

6.2.2. By Region (North, East, West, South)

6.2.3. By Company (2022)

6.2.3.1. Competitive Benchmarking

6.3. Market Map

7. SOUTH INDIA CELLULOSE PAD MARKET OUTLOOK

7.1.1. By Value & Quantity

7.2. Market Share & Forecast

7.2.1. By Application

7.2.2. By Top 3 States

7.2.3. List of Leading Companies in South India Cellulose Pad Market

8. WEST INDIA CELLULOSE PAD MARKET OUTLOOK

- 8.1.1. By Value & Quantity
- 8.2. Market Share & Forecast
 - 8.2.1. By Application
 - 8.2.2. By Top 3 States
 - 8.2.3. List of Leading Companies in West India Cellulose Pad Market

9. NORTH INDIA CELLULOSE PAD MARKET OUTLOOK

- 9.1.1. By Value & Quantity
- 9.2. Market Share & Forecast
 - 9.2.1. By Application
 - 9.2.2. By Top 3 States
 - 9.2.3. List of Leading Companies in North India Cellulose Pad Market

10. EAST INDIA CELLULOSE PAD MARKET OUTLOOK

- 10.1.1. By Value & Quantity
- 10.2. Market Share & Forecast
 - 10.2.1. By Application
 - 10.2.2. By Top 3 States
 - 10.2.3. List of Leading Companies in East India Cellulose Pad Market (Dealers)

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

13. POLICY & REGULATORY LANDSCAPE

14. SUPPLY CHAIN ANALYSIS

15. LIST OF PROBABLE CUSTOMERS OF CELLULOSE PAD MARKET IN INDIA

16. INDIA ECONOMIC PROFILE

17. COMPETITIVE ANALYSIS

17.1. Price Analysis of Major Companies

17.2. Market Trends & Developments by Major Companies

18. COMPANY PROFILES

18.1. Desiccant Rotors International Pvt. Ltd.

18.2. Flowline India Pvt Ltd

18.3. S.S. Lifestyle Private Limited

18.4. SRG Machines Pvt. Ltd.

18.5. Devatech Engineers Private Limited

18.6. Dhumal Industries India Pvt. Ltd.

18.7. Greentech Industries (India) Private Limited

18.8. HuTek (Asia) Company Ltd.

18.9. SV Cooltech Private Limited

18.10. Nikhil Agritech Greenhouse Co.

18.11. UltraCool Solutions LLP

18.12. Munters India Humidity Control Pvt Ltd

18.13. V- Tech Agro Industries

18.14. Parshva Cooling Media Pvt. Ltd.

19. STRATEGIC RECOMMENDATIONS

20. ABOUT US & DISCLAIMER

List Of Figures

LIST OF FIGURES

Figure 1: India Cellulose Pad Market Size, By Value (INR Million), FY2018-FY2028F

Figure 2: India Cellulose Pad Market Size, By Quantity (Million Square Feet), FY2018-FY2028F

Figure 3: India Cellulose Pad Market Share, By Application, By Value, FY2018-FY2028F

Figure 4: India Cellulose Pad Market Share, By Region, By Value, FY2018-FY2028F

Figure 5: India Cellulose Pad Market Share, By Company, By Value, FY2022

Figure 6: India Cellulose Pad Market Map, By Application, Market Size (INR Million) & Growth Rate (%), FY2022

Figure 7: India Cellulose Pad Market Map, By Region, Market Size (INR Million) & Growth Rate (%), FY2022

Figure 8: South India Cellulose Pad Market Size, By Value (INR Million), FY2018-FY2028F

Figure 9: South India Cellulose Pad Market Size, By Quantity (Million Square Feet), FY2018-FY2028F

Figure 10: South India Cellulose Pad Market Share, By Application, By Value, FY2018-FY2028F

Figure 11: South India Cellulose Pad Market Share, By Top 3 States, By Value, FY2018-FY2028F

Figure 12: West India Cellulose Pad Market Size, By Value (INR Million), FY2018-FY2028F

Figure 13: West India Cellulose Pad Market Size, By Quantity (Million Square Feet), FY2018-FY2028F

Figure 14: West India Cellulose Pad Market Share, By Application, By Value, FY2018-FY2028F

Figure 15: West India Cellulose Pad Market Share, By Top 3 States, By Value, FY2018-FY2028F

Figure 16: North India Cellulose Pad Market Size, By Value (INR Million), FY2018-FY2028F

Figure 17: North India Cellulose Pad Market Size, By Quantity (Million Square Feet), FY2018-FY2028F

Figure 18: North India Cellulose Pad Market Share, By Application, By Value, FY2018-FY2028F

Figure 19: North India Cellulose Pad Market Share, By Top 3 States, By Value, FY2018-FY2028F

Figure 20: East India Cellulose Pad Market Size, By Value (INR Million),
FY2018-FY2028F

Figure 21: East India Cellulose Pad Market Size, By Quantity (Million Square Feet),
FY2018-FY2028F

Figure 22: East India Cellulose Pad Market Share, By Application, By Value,
FY2018-FY2028F

Figure 23: East India Cellulose Pad Market Share, By Top 3 States, By Value,
FY2018-FY2028F

I would like to order

Product name: India Cellulose Pad Market By Application (Industrial Air Washer, Poultry/Dairy Greenhouse, Residential Air Coolers, Cooling Towers, Adiabatic Air-Cooling Applications, Direct Evaporative Cooling Applications, Others), By Region, Competition Forecast and Opportunities, FY2018-FY2028F

Product link: <https://marketpublishers.com/r/IA252B8C82C0EN.html>

Price: US\$ 4,400.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/IA252B8C82C0EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970