



# INVESTOR PRESENTATION

**JUNE 2024** 

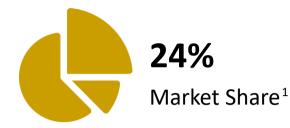


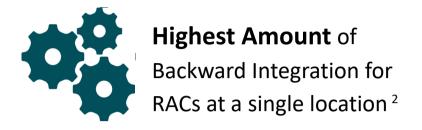


# COMPANY OVERVIEW

### SNAPSHOT













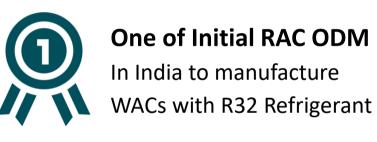
**3 Manufacturing**Facilities <sup>3</sup>



**4 R&D Centres**With 70+ full time employees



One of Initial RAC ODM
In India to Introduce 5 mm
Copper Tubing for heat
exchangers







**2<sup>nd</sup> Largest** RAC ODM <sup>4</sup>



**24.47%**Revenue CAGR
(FY 21 – FY 24)



100+ Years
Cumulative Promoters
Experience in EMS Industry

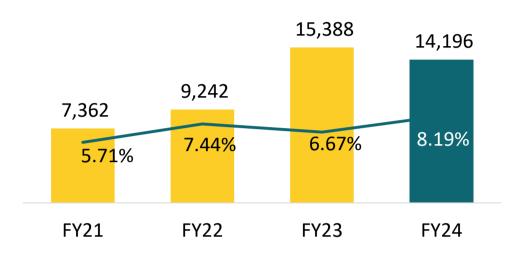
- 1. In terms of domestically manufactured units by ODM Companies in the Indian RAC ODM / OEM market in FY 2023 (Source: F&S Report)
- 2. That has been grown within the same company organically in India (Source: F&S Report)
- 3. Manufacturing Facilities in Dehradun, Bhiwadi & Sri City
- 4. in India in terms of number of units (indoor units + outdoor units) manufactured in Fiscal 2023 through the ODM route. (Source: F&S Report)

### COMPANY OVERVIEW

- Incorporated in 2003, EPACK Durable (EPACK) started off as a contract manufacturer of consumer durables such as RACs, Induction Cooktops, Juicer-mixer grinders, and water dispensers for OEMs
- Later in 2012 it transformed into an Original Design Manufacturer (ODM) for Air conditioners and small domestic appliances. They have grown significantly since then to become the second largest ODM player with a market share of ~24%
- EPACK was founded by the Singhania and Bothra family who have been involved in manufacturing consumer durables for more than two decades with extensive industry knowledge and experience.
- It has 3 manufacturing facilities located strategically in Dehradun, Bhiwadi, and Sri city. All the facilities enjoy strong backward integration offering cost competencies against its peers.
- About 80-85% of the company's revenues come from the sale of RACs and their components and the balance from small domestic appliances.
- It has marquee clientele, including Voltas, Haier, Philips, Godrej, Daikin, Havells, Bosch & Siemens, Bajaj, Crompton & Greaves, Blue Star among others with whom it has established strong relationships.

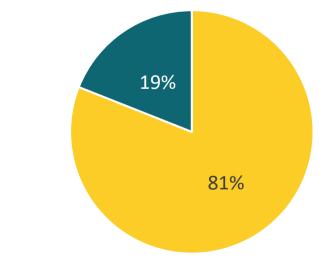


#### **REVENUE & EBITDA MARGINS**



Revenue from Operations (INR MN)

#### **FY24 SEGMENTAL REVENUE CONTRIBUTION**



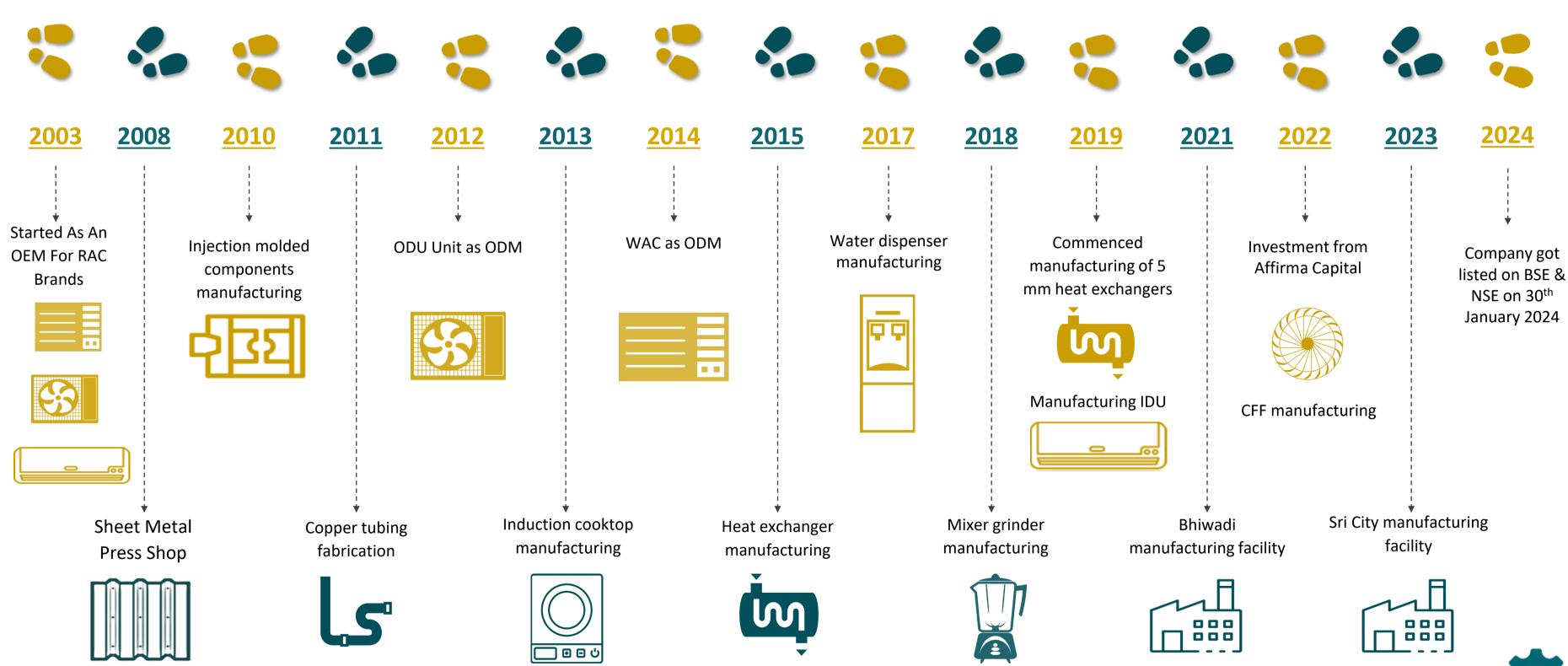
Room Air Conditioners (RACs)

■ Small Domestic Appliances (SDAs) & Components



### **OUR JOURNEY**







Investment from ICICI Venture Fund

### **PROMOTERS**





BAJRANG BOTHRA
Chairman & Whole-time Director

- Master's in Commerce from SRCC, Delhi.
- 27 years experience in electronics manufacturing
- Chairman of MSME council, CEAMA



AJAY DD SINGHANIA

Managing Director &

Chief Executive Officer

- Bachelor's in Electrical Engineering
- MBA from University of Scranton
- Paul Harris Fellow, Rotary International
- Executing Growth Strategies,
   Wharton School
- 24 years experience, Sales, Marketing, R&D



LAXMI PAT BOTHRA

Promoter

- Diploma in Mechanical Engineering
- 27 years experience in electronics manufacturing
- Board of Technical Education, Delhi
- Expertise in the electronics manufacturing sector



**SANJAY SINGHANIA**Whole-Time Director

- Bachelor's in Commerce, Guwahati University
- MBA from Swinburne University of Technology
- 24 years experience, Finance, Accounts, Legal

### BOARD OF DIRECTORS





Nikhil Mohta
Nominee Director

- Bachelor's in Commerce, Shri Ram College
- Post-graduate diploma from IIM Ahmedabad
- Senior Director at ICICI Venture Funds
- Previous roles at McKinsey & Carlyle
- Private Equity investment expert



Vibhav Parikh
Nominee Director

- Non-Executive Director, Affirma Capital MD
- 22 years of experience in the investment sector
- Bachelor of
   Business
   Administration,
   University of
   Michigan



Kailash Jain Independent Director

- Civil Services Experience
- Bachelor's in Commerce, Rajasthan University
- Bachelor's in Law, University of Delhi
- 37 years experience, Indian Revenue Services
- Vice-chairman's shield, Regional Provident Fund Commissioner
- Member of the advisory board, Gyan Shree School



Krishnamachari Narasimhachari Independent Director

- Banking Sector Experience
- Bachelor's and
  Master's in
  Commerce, University
  of Delhi
- Post Graduate
   Diploma in HR
   Management
- Associate of Indian Institute of Bankers
- 39 years experience,
   State Bank of India



**Priyanka Gulati** *Independent Director* 

- Chartered Accountant
- Outstanding Woman Entrepreneur Award recipient
- Business Woman of the Year Award recipient
- Partner at Grant Thornton Bharat LLP
- 17 years managerial experience
- Previous roles at Manthan Management Solutions and Accenture



Sameer Bhargava Independent Director

- ~36 years of
  experience in the
  heating, ventilation
  & air conditioners,
  precision
  engineering & white
  goods
  manufacturing
- BE (Mechanical)
- MBA



Shashank Agarwal Independent Director

- ~14 years of experience in the marketing sector
- BE (Mechanical)
- Currently the Managing Director of Salasar Techno Engineering Ltd.

### ESTABLISHED CUSTOMERS



#### LONG-STANDING RELATIONSHIPS WITHESTABLISHED CUSTOMERS





































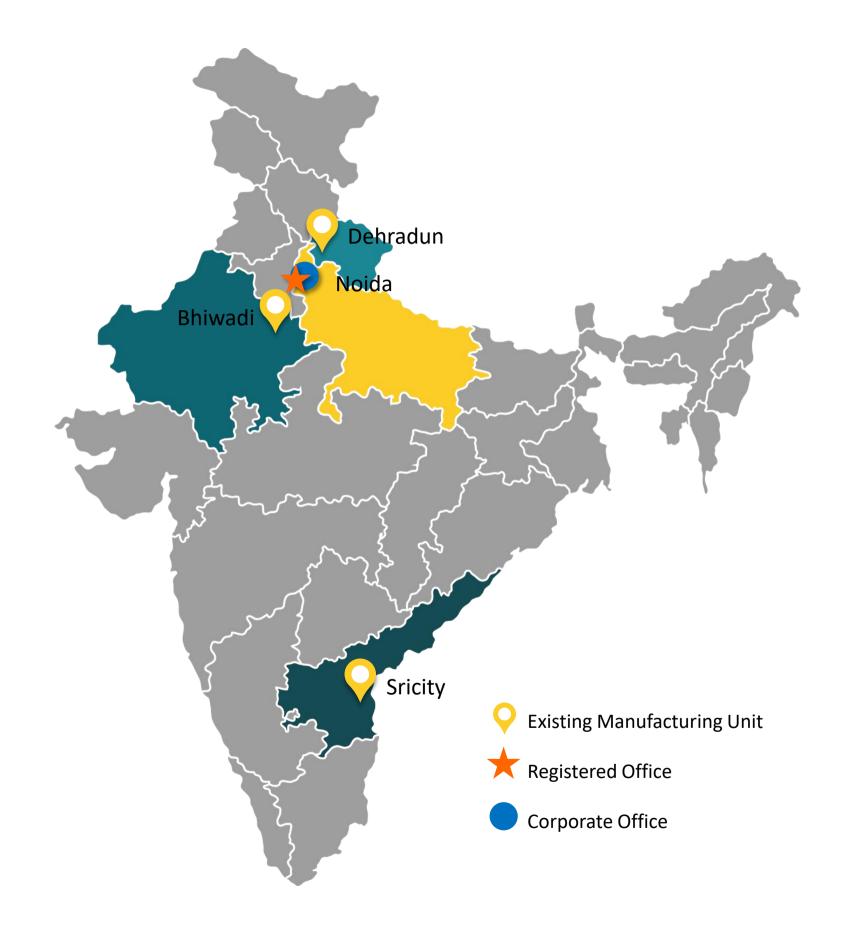






# **DUR PRESENCE**





### **VALUE CHAIN**



Advanced Vertically Integrated Manufacturing Operations With Product Portfolio Aimed At Capturing The Full Spectrum Of The RAC & SDA Value Chain.

### **INSTALLED CAPACITY**



1.60 Mn IDUs



0.62 Mn WACs



0.62 Mn Mixer Grinders



2.05 Mn ODU / ODU Kit



2.00 Mn Induction Cooktops



**0.11 Mn Water** Dispensers

Location	Dehradun (Uttarakhand)	Bhiwadi (Rajasthan)	Sri City (Andhra Pradesh)
Co	omponent Manufact	uring Capability	
Injection Moulded Components	<b>✓</b>	<b>✓</b>	<b>✓</b>
Heat Exchanger	✓	<b>✓</b>	✓
Copper Tubing	<b>✓</b>	<b>✓</b>	<b>✓</b>
Powder Coating	✓		✓
Sheet Metal Press Part	✓		✓
Cross Flow Fan		<b>√</b>	<b>✓</b>
РСВА		<b>✓</b>	
Universal Motor		✓	



**0.25 Mn Room Coolers** 

### PRODUCT DEVELOPMENT & DESIGN OPTIMISATION



#### **ROBUST PRODUCT DEVELOPMENT & DESIGN OPTIMIZATION CAPABILITIES**



### Testing Equipment & Modern Machines

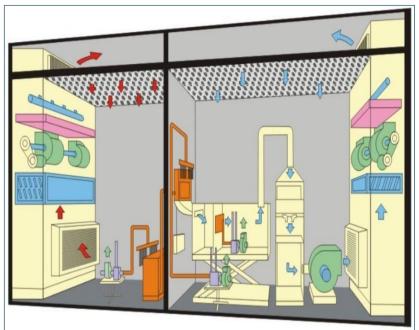
- Glow wire tester
- Automatic voltage tester
- Induction coil breakdown tester
- Needle flame tester
- RoHS tester
- Furnaces
- Hot Ovens
- Salt Spray Testing Machine
- Drop Testing Machines



### **Advanced Software Used**

- Coil Designer<sup>®</sup>
- Siemens NX

















# BUSINESS OVERVIEW

## INTEGRATED SOLUTION PROVIDER





We design and manufacture complete RACs, induction cooktops, mixergrinders, water dispensers and domestic air coolers



Customisation as per different client requirements



Manufacturers
critical components
such as heat
exchangers, copper
tubing, PCBAs, etc.



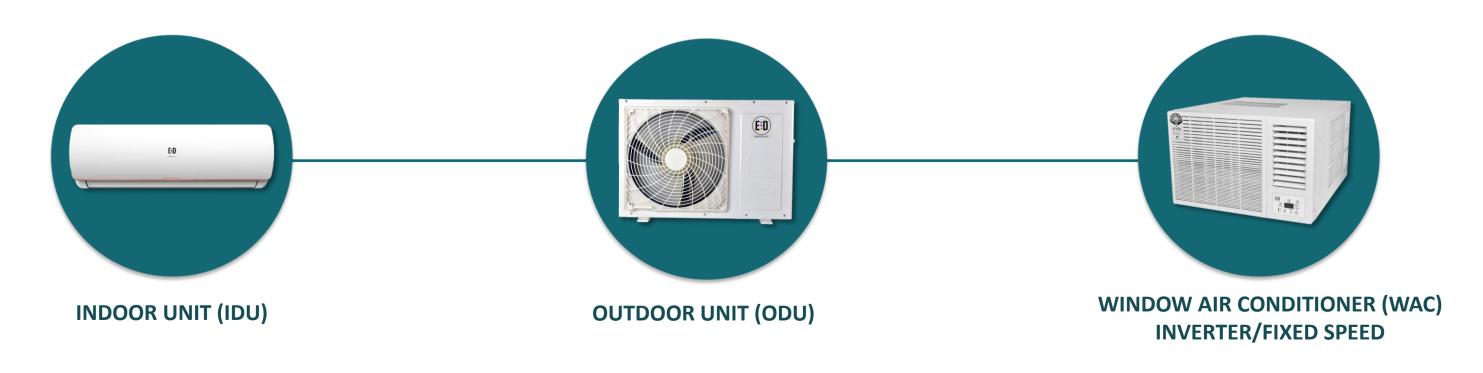
Highest amount of backward integration for RACs at a single location, that has grown within the same company organically in India.

### ROOM AIR CONDITIONERS (1/4)



- EPACK design & manufacture window air conditioners (WACs) and split inverter air conditioners (SACs), and indoor units (IDUs), outdoor
  units (ODUs) for split air conditioners (SACs).
- The company is the second largest RAC ODM manufacturer in India in terms of the number of units with long-term customer relationships reflecting strong delivery capabilities.
- The customer profile includes 4 of the top 6 RAC brands in the Indian market.
- EPACK intends to expand the product portfolio beyond room air conditioner products to semi-commercial air conditioner products.

### **AIR CONDITIONERS**



## SMALL DOMESTIC APPLIANCES (2/4)



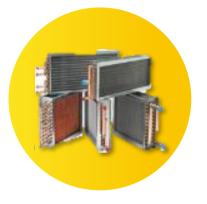
- EPACK designs & manufactures induction cooktops, mixer grinders, and water dispensers.
- Catering to top brands like Bajaj Electricals, Usha International & others.

### **SMALL DOMESTIC APPLIANCES**



## COMPONENTS (3/4)

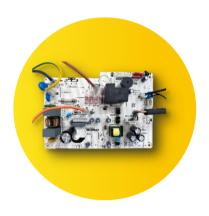




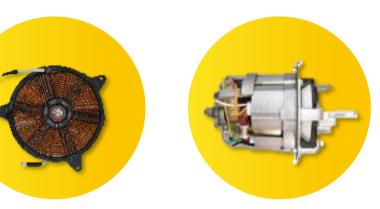












**HEAT EXCHANGER** 

SHEET METAL PRESS PARTS

INJECTION MOLDED COMPONENTS

CROSS FLOW FANS

PCB ASSEMBLY

COPPER FABRICATED PRODUCTS, INCLUDING TUBING

INDUCTION COIL

UNIVERSAL MOTOR



In-house components manufacturing of a number of components required for the manufacturing of products



Highest amount of backward integration for RACs at a single location, that has been grown within the same company organically in India1



Customized manufacturing solutions, ranging from assembly only to near complete integrated manufacturing which may only involve external sourcing of compressors & RAC motors



Extensive equipment & degree of automation has helped with an aim to increase cost efficiency



Arrangements with associate, Epavo Electricals Private Limited for joint development of BLDC motors for captive consumption towards the manufacturing of RACs & other appliances



## UPCOMING APPLIANCES (4/4)



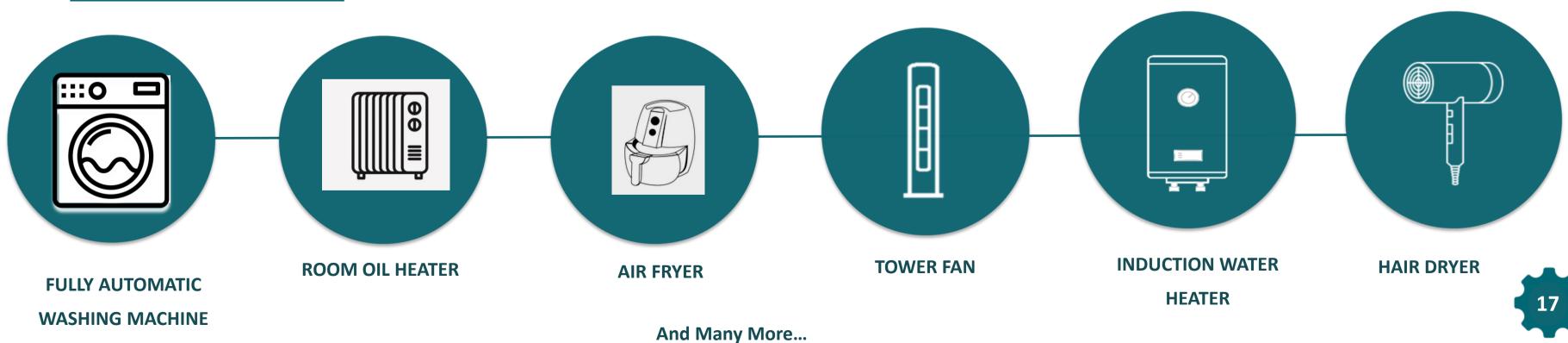
• EPACK has already started manufacturing and supplying domestics air coolers.

### **AIR COOLER STARTED IN JANUARY, 2024**



• EPACK intends to expand the product portfolio with the following upcoming appliances before the end of Q3 FY25.

### **UPCOMING APPLIANCES**







# STRATEGIC OVERVIEW

### BUSINESS STRENGTHS





Long-Standing
Relationships with
Established Customers,
with Potential to
Expand the Customer
Base



Among the Key
Manufacturers in FastGrowing RAC & SDA
Manufacturing
Industries



Advanced Vertically
Integrated
Manufacturing
Operations with
Product Portfolio
Aimed at Capturing the
Full Spectrum of the
RAC & SDA Value Chain



Robust Product
Development & Design
Optimization
Capabilities



Experienced Promoters
Supported by Senior
Management Team
with Proven Track
Record of Performance

### ESG & CSR INITIATIVES



#### **ESG ETHOS**



Installed rooftop solar power plants at our Bhiwadi Manufacturing Facility to help reduce our dependence on state power grids at the facility



Endeavor to pay wages which meet industry & legal minimum wage requirements



Endeavor to not discriminate in terms of compensation, training, opportunities & employee benefits



Endeavor to provide reasonable working conditions including a safe & healthy work environment, & clearly documented terms of employment



Endeavor to not employ or make use of forced labour or child labour

#### **CSR INITIATIVES**



- Donation to organizations like Shree Marwari Databya Aushadhalaya & Florence Nightingale Education Society
- These contributions support:
- Education of underprivileged children
- Enhancement of medical facilities for underprivileged persons
- Support to medical staff by providing facilities of commutation within the hospital premises





# INDUSTRY OVERVIEW

### KEY MANUFACTURERS MARKET



#### **INDIAN RAC & SDA MARKET**

FY18 (INR BN)	DOMESTIC SALES	FY23 (INR BN)	VOLUME (FY23)
148	RAC 	252	8.4 Mn Units
39	Mixer Grinder  CAGR – 4.4%	48	14.7 Mn Units
2.4	Water Dispenser  CAGR – 4.4%	2.7	0.38 Mn Units
7	Induction Cooktops	8	3.4 Mn Units

### AMONG THE KEY MANUFACTURERS IN THE FAST GROWING RAC & SDA INDUSTRY



2<sup>nd</sup> largest RAC ODM Manufacturer<sup>2</sup>



24% market share in terms of domestically manufactured units by the ODM companies in Indian RAC ODM / OEM Market in  $FY23^1$ 



Ban on import of completely built units of AC with refrigerants from Fiscal 2021<sup>1</sup>



PLI scheme encourages brands to pursue local sourcing due to cost benefits<sup>1</sup>



SDA market to grow at considerable pace as domestic demand rises1

#### **ENTRY BARRIERS**



Long gestation periods for integration into supply chain of RAC & SDA brands



Initial capital investment required, which can act as an entry barrier to new ODM players



Need strong technological expertise for RAC & SDA ODM companies



Integrated capabilities of ODM companies, making switching difficult for brands



Continuous refinement of product design required to meet BEE standards



Economies of scale of existing players disincentivizes new entrants

**CAGR - 2.9%** 

Source: F&S Report

<sup>2.</sup> in India in terms of number of units (indoor units + outdoor units) manufactured in Fiscal 2023 through the ODM route. (Source: F&S Report

### INDUSTRY OVERVIEW



- The overall size of the consumer durable market for FY23 is estimated, at INR 1,303 billion, and the market is expected to grow at 13.7% CAGR until FY28.
- Penetration of RAC in Indian households is around 8% in FY22, implying that there is considerable scope for growth.
- The Indian RAC market is highly fragmented with a varied set of players Global, Indigenous, and Importers Selling a wide range of products in the market.
- Indian consumer durables ODM market has been estimated at approx. INR 300 Bn FY23, projected to grow at a robust 21% CAGR, reaching INR 775 billion by FY28. RAC contributes about 19% market share & small and domestic Appliances has 16%.

#### **INDUSTRY GROWTH DRIVERS**



Increasing household income and discretionary spending.



Rising temperature



Air Conditioner is no more a luxury, but a necessity



Regulatory landscape (Ease of doing business)



Low-cost production In India



Rise in Nuclear Households

#### **KEY MARKET TRENDS**



A surge in online sales



Increasing adoption of smart home appliances



Focus on after sales service and customer support



Increasing financing options and no cost EMIs

### KEY GROWTH DRIVERS



The government mandated that BIS certification is mandatory for selling RACs and components in India. This proved cumbersome for exporters in China, Thailand, etc. and hence acted as a deterrent

BIS Certification Requirement

A complete ban on the import of gas-charged units impacted imports and forced MNC brands to evaluate local manufacturing.

Ban on import of gas-charged units

As a result, India's domestic manufacturing of RAC has grown at 22% CAGR, from 3 million units in FY18 to 8 million units in FY23.

Domestic manufacturing is expected to grow further at 13% CAGR and reach 15 million units by FY28.

KEY GROWTH DRIVERS FOR DOMESTIC MANUFACTURING OF RACS IN INDIA

Sales and capex-linked incentives were announced for local manufacturing of components and not for mere RAC assembly. This encouraged the brands to pursue local sourcing due to cost benefits.

Production
Linked
Incentive
Scheme (PLI)

The program mandated increased customs duties on RACs and components in a phased manner, making imports an expensive option. As a result, Domestic brands had to pursue local sourcing.

Phased Manufacturing Program





# FINANCIAL OVERVIEW

## HISTORICAL CONSOLIDATED INCOME STATEMENT



Particulars (INR Mn)	FY21	FY22	FY23	FY24
Operational Revenue	7362	9242	15388	14,196
Total Expenses	6,942	8,554	14,362	13,034
EBITDA	420	688	1,026	1,162
EBITDA Margin (%)	5.71%	7.44%	6.67%	8.19%
Depreciation And Amortisation	90	163	261	355
Finance Costs	256	294	315	389
Other Income	34	32	14	89
Profit before share of profit /(loss) of Associate	109	263	464	507
Share Of Profit/(Loss) Of Associate	0	0	-8	(15)
Exceptional Items	0	0	-16	0
PBT	109	263	440	492
Tax Expense	31	89	120	138
PAT	78	174	320	354
PAT Margin (%)	1.06%	1.89%	2.08%	2.49%
Diluted EPS	1.62	3.47	4.64	4.35

## HISTORICAL CONSOLIDATED BALANCE SHEET



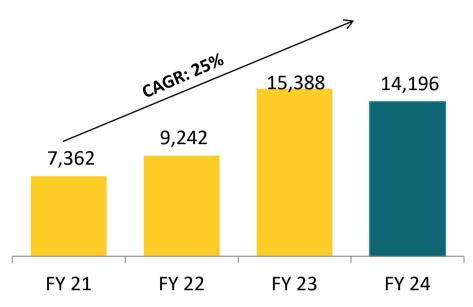
PARTICULARS (INR MN)	FY21	FY22	FY23	FY24
Equity	689	1,219	3,136	8,922
Equity Share Capital	482	521	521	958
Other Equity	207	698	2,615	7,964
Non-current Liabilities	940	998	1,563	1,231
A) Financial Liabilities				
i) Borrowings	677	596	1,136	618
ii) Lease Liability	185	258	260	387
B) Provisions	10	20	28	38
C) Deferred Tax Liabilities (Net)	69	124	139	188
Current Liabilities	3,574	8,550	9,943	7,525
A) Financial Liabilities				
i) Borrowings	1,708	3,244	3,789	2,696
ii) Lease Liabilities	52	56	65	160
iii) Trade Payables	1,519	3,339	3,891	4,156
Iv) Other Financial Liabilities	123	1,746	1,917	303
B) Other Current Liabilities	154	153	275	194
C) Provisions	16	11	6	16
D) Current Tax Liabilities (Net)	0	1	0	0
Total Liabilities	4,515	9,548	11,505	8,756
Total Equity And Liabilities	5,204	10,767	14,642	17,678

PARTICULARS (INR MN)	FY21	FY22	FY23	FY24
Non-current Assets	1,189	3,498	5,935	7,673
A) Property, Plant And Equipment	810	2,379	3,235	5,362
B) Capital Work-in-progress	0	85	915	266
C) Intangible Assets	0	2	2	1
D) Goodwill	0	5	5	5
E) Right Of Use Assets	349	882	951	1,413
F) Investments Accounted For Using Equity Method	0	0	18	55
G) Financial Assets				
i) Investments	0	31	31	31
ii)loans	0	0	46	46
iii) Other Financial Assets	15	23	20	26
H) Income Tax Assets (Net)	0	14	42	49
I) Other Non-current Assets	14	77	671	419
Current Assets	4,014	7,269	8,707	10,005
A) Inventories	1,405	2,773	2,937	3,782
B) Financial Assets				
i) Trade Receivables	2,342	3,562	4,791	2,124
ii) Cash And Cash Equivalents	36	241	600	1,069
iii) Bank Balances Other Than Above	78	348	154	1
Iv) Other Financial Assets	22	26	13	2,389
B) Other Current Assets	129	312	212	640
D) Income Tax Assets (Net)	1	6	0	0
Total Assets	5,204	10,767	14,642	17,678

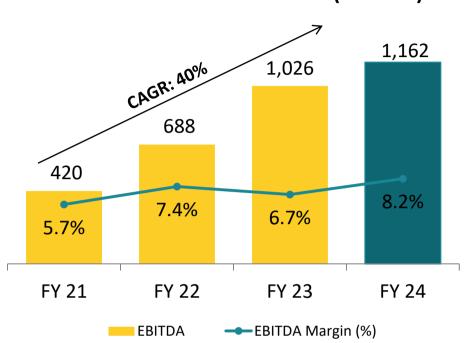
### FINANCIAL PERFORMANCE



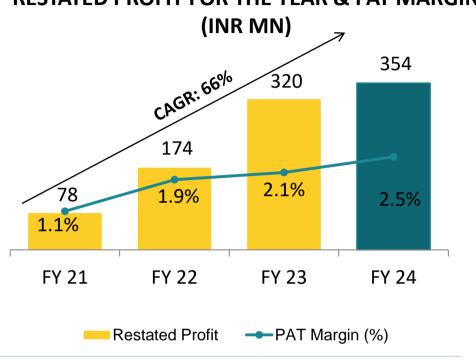




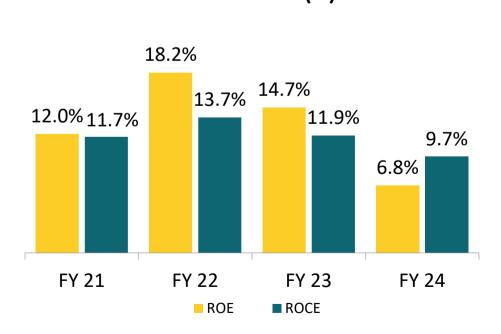




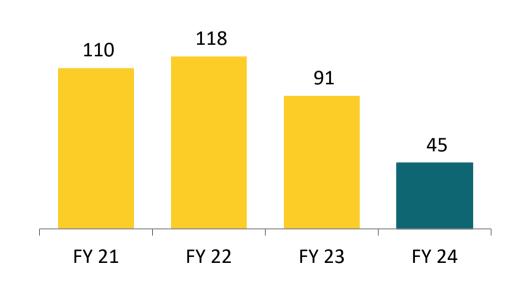
**RESTATED PROFIT FOR THE YEAR & PAT MARGIN** 



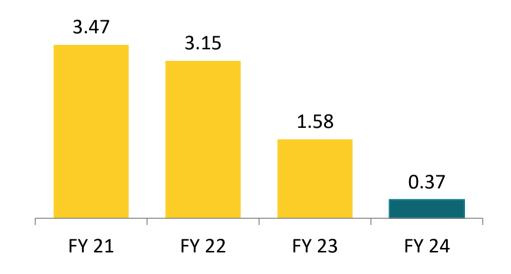
ROE & ROCE (%)



**WORKING CAPITAL CYCLE DAYS** 



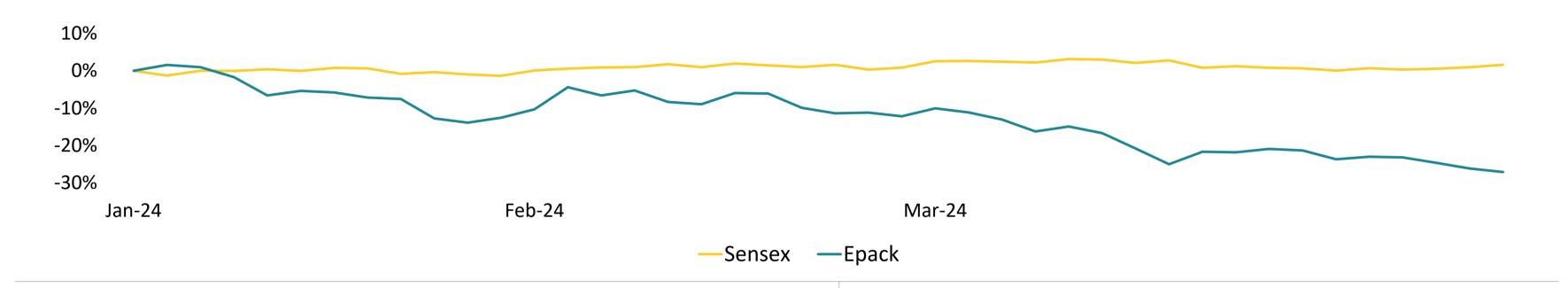
#### **DEBT TO EQUITY RATIO (X)**



## CAPITAL MARKET SLIDE

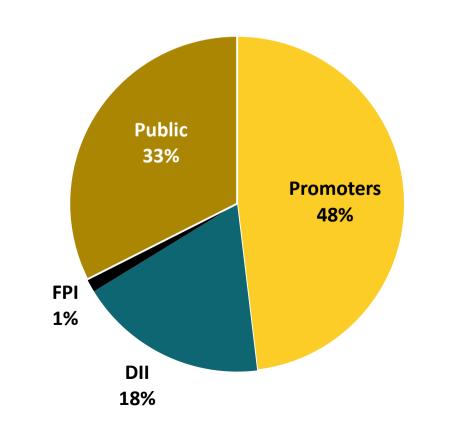


#### **SHARE PRICE PERFORMANCE**



MARKET DATA (INR) AS ON 31 <sup>ST</sup> MARCH, 2024		
Face Value	10.0	
CMP	151.5	
52 Week H/L	225.0/ 151.0	
Market Cap (INR Mn)	14,508.7	
Shares O/S (Mn)	95.8	
Avg. Volume ('000)	1,151.45	

### **SHAREHOLDING PATTERN AS ON 31ST MARCH, 2024**





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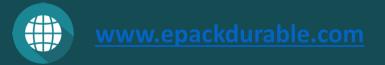
Mr. Anuj Sonpal Valorem Advisors

Tel: +91-22-4903 9500

Email: epack@valoremadvisors.com



# THANK YOU



# GLOSSARY



APAC BA BBM B.Com	Asia Pacific Bachlor of Arts Bachelor in Business Management Bachelor of Commerce
ВВМ	Bachelor in Business Management
B.Com	Bachelor of Commerce
B.Tech	Bachelor of Technology
BE	Bachelor in Engineering
BEE	Bureau of Energy Efficiency
BLDC	Brushless Direct Current
Bn	Billion
ВоМ	Bill of Material
CAGR	Compound Annual Growth Rate
CBU	Completely Built-Up Unit
CCPS	Compulsory Convertible Preference Shares
CEO	Chief Executive Officer
CFF	Cross Flow Fan
Cr	Crore
CSR	Corporate Social Responsibility
CY	Calendar Year
DIBM	Diploma in Business Management
DME	Diploma in Mechanical Engineering
E	Estimate
EBIT	Earnings Before Interest & Taxes
EBITDA	Earnings Before Interest, Taxes, Depreciation & Amortization
EMS	Electronics Manufacturing Services
ESG	Environmental, Social & Governance
F&S	Frost & Sullivan (India) Private Limited
FVTPL	Fair Value through Profit & Loss
FY	Fiscal Year
HE	Heat Exchanger
HoD	Head of Department
ICAI	Institute of Chartered Accountants of India
ICSI	Institute of Company Secretaries of India
ICT	Induction Cooktop
ICWAI	Institute of Cost Accountants of India
IDU	Indoor Unit
IM	Injection Moulding

INR	Indian Rupee
ISO	International Organization for Standardization
JV	Joint Venture
LCD	Liquid Crystal Display
LED	Light Emitting Diode
LLB	Bachelor of Laws
MCA	Masters in Computer Applications
M.Com	Masters in Commerce
MBA	Masters in Business Administration
MD	Managing Director
Mm	Millimetre
Mn	Million
MSM	Masters Degree in Management Science
MSME	Micro, Small & Medium Enterprises
M.Tech	Masters in Technology
NA	Not Available
NABL	National Accreditation Board for Testing & Calibration Laboratories
OCI	Other Comprehensive Income
ODM	Original Design Manufacturer
ODU	Outdoor Unit with Compressor
ODU Kits	Outdoor Unit without Compressor
OEM	Original Equipment Manufacturer
РСВ	Printed Circuit Board
PGDHRM	Post Graduation Diploma in Human Resource Management
PLI	Production Linked Incentive
R&D	Research & Development
R32	Refrigerant 32
RAC	Room Air Conditioner
ROCE	Return on Capital Employed
ROE	Return on Equity
RoHS	Restriction for Hazardous Substances
SDA	Small Domestic Appliances
SM	Sheet Metal
USD	United States Dollar
WAC	Window Air Conditioner

