



Department of Commerce Ministry of Commerce & Industry Government of India



# HUAC-R

**INDIA EXPO 2022** 

18-22 JAN 2022 / ONLINE

**A REPORT** 









### **HVAC – R India Expo 2022 18-22 January, 2022**

On Virtual Platform

A Report

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**Chairman's Pen** 

Happy New Year to all!

I wish this new year uplifts everyone's spirits.

India's largest and first virtual expo on Heating, Ventilation, Air Conditioning and Refrigeration is all set to start on the 18th of January. The five day expo will feature visitors and buyers from 36 countries.

The expo will have matchmaking platform with overseas counterparts where one can participate in thematic webinar with industry leaders and bureaucrats.

India ranks 24th in heating, 25th in AC and 33rd in refrigeration units. We are also the 16th largest global supplier of equipment and parts for air-conditioning, refrigeration and ventilation.

USA, UAE and China were the three topmost destinations of India's global exports of HVAC-R products in 2020 with their respective shares of 16.7%, 7.0% and 5.92% respectively in 2020. European Union (EU) is the largest importer of India's HVAC-R products among all the regions with a consumption of over one-fifth of India's total global exports of the same. North America and 'Middle-east and West Asia' (MEWA) are the immediate followers of EU with respective shares of 18.2% and 16.5%. Both ASEAN and North-east Asia consumes over 10% of India's global exports of HVAC-R last year.

I am hopeful the figures will reach the magical numbers with all the markets opening up for global trade.

India's goods exports surged to \$37.29 billion in December, the highest ever monthly performance, posting a year-on-year growth of 37 per cent, with top sectors including petroleum, gems & jewellery, engineering products, pharmaceuticals, chemicals, and textiles taking the lead.

The government estimated the economic growth for the year 2021-22 fiscal year at 9.2 per cent, expecting limited impact of the third Covid wave on the economy.

I am sure in this scenario, an exhibition on HVAC –R will incentivize the overseas buyers to procure from India thereby bolstering the Indian outbound shipments in the sector and helping the country to meet the USD 400 billion export target and USD 107 billion engineering export target in FY22.

All the best to all the exhibitors and visitors for the expo.

I wish you all a very good business among yourselves

(Mahesh Desai)

Chairman, EEPC India







#### From the desk of Vice Chairman, EEPC India

Wishing everyone a happy and prosperous new year 2022.

Indian economy is shining with predicted GDP rate of 9.2% in FY22. A 35.3 % drop and narrowing of fiscal deficit to 46.2% of the Budget estimate during April- November 2021 period and 50.3 percent rise in Gross Tax Revenue during the same period indicate healthy macro parameters. India is all set to become the second largest economy in terms of purchasing power parity (PPP) by 2040.

India's exports for the first time exceeded USD 100 billion mark in the quarter ending September 2021. A total of USD 101.89 billion in exports was reported in the country during the said quarter paving the way to reach the magic figure of USD 400 Billion in FY 22.

International trade fairs are opening up bringing in new players to the market. Though some sectors still follow the virtual mode of attending webinars and expos.

The HVAC-R India Expo 2022 is another such virtual expo which will bring in players from 36 countries across five continents.

The expo will display 72 products from Heating, Ventilation, Air-conditioning and Refrigeration sectors.

The 05 day expo starting from the 18 day of January 2022 will showcase India's HVAC-R equipment. HVAC-R sector in India witnesses stiff competition among several leading global companies and a number of indigenous establishments as well. While the global names include brands like Carrier Corporation, Daikin Industries Ltd., Mitsubishi Electric Corporation, LG Electronics Inc., Ingersoll-Rand plc, and Panasonic Corporation among others have been competing in holding larger share of the market, Indian firms including Blue Star Limited, Havells India Limited, and Voltas Limited also comfortably secure their places with rising demand for their products.

India Exported USD 2026.20 million HVAC –R Products during 2020 with Exports of Equipment and Parts for Air Conditioner, Refrigeration and Ventilation comprising the biggest share of 77.67%, followed by 11.35 % by Heating Equipment exports; 6.64% by Refrigerating Units and 4.3% by Air Conditioning Units.

I wish EEPC India and its participating member all the best.

I look forward to receiving positive feedback from the participants.

Good luck to all and welcome to the First V Expo in 2022 and the 10th in EEPC India calendar.

Thank You

Aun Lavoda

(Arun Kumar Garodia) Vice Chairman, EEPC India







### From the desk of Past Chairman & Chairman of the Publicity, Exhibition and Delegation Committee, EEPC India

HVAC- R India Expo 2022 is be a five day affair over 18-22 January, displaying 72 products under seven broad heads namely- Air Handling and Air Distribution Products; Air Movement, Ventilation & Indoor Air Quality Products; AC, Heating and Refrigeration Equipment & Systems; Energy & Specialised Climate Control Systems etc

Indian HVAC-R market is estimated to reach USD 31.6 billion by 2030, with a Compounded Annual Growth Rate (CAGR) of 16.0% between 2020 and 2030 with a consistent Exports of over USD 2 Billion for the past three years which made India the 16th largest Global provider of Equipment and Parts for Air Conditioning, Refrigeration and Ventilation, 24th in Heating units, 25th in AC and 33rd in Refrigerating Units. Rs. 6,238 crores (US\$ 849 million approximately) has been granted under the Government of India Production Linked Incentive (PLI) Scheme in White Goods which is expected to generate production worth of Rs 1.68 Trillion (USD .022 Trillion)

Thank You and I welcome you all to HVAC - R India Expo 2022

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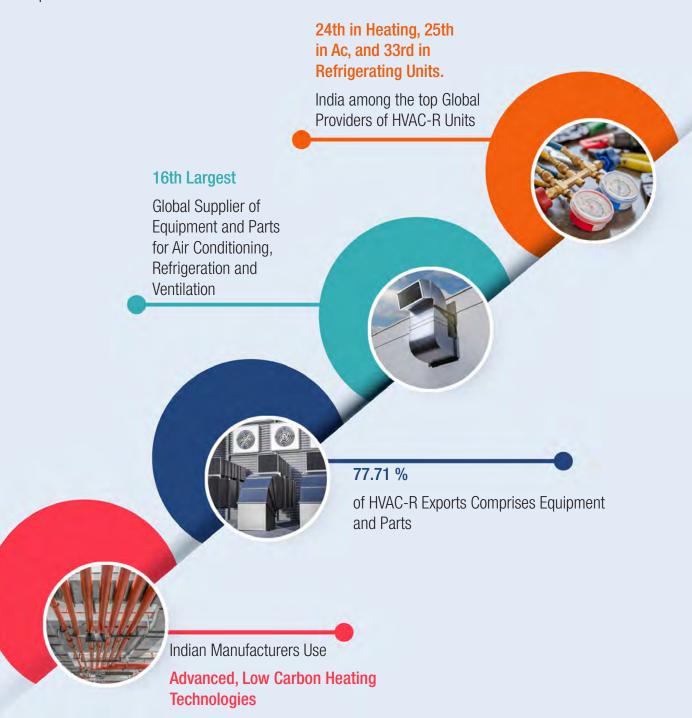
(Rakesh Shah)
Past Chairman & Chairman of the Publicity,
Exhibition and Delegation Committee,
EEPC India





### HVAC — R SECTOR

Four reasons that make India one of the World's leading Manufacturers and Exporters of HVAC-R products.



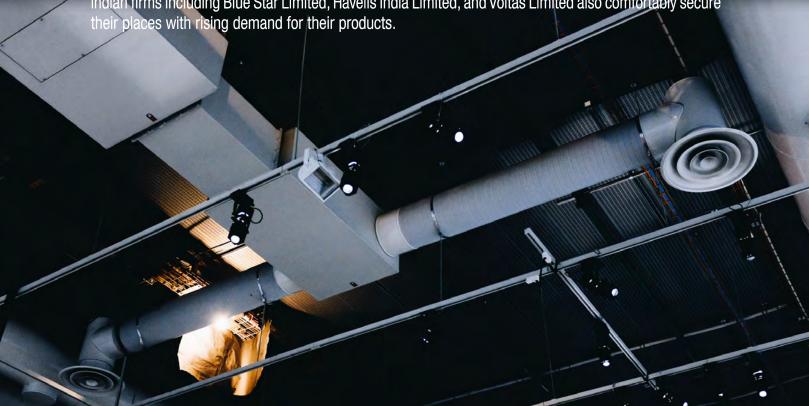


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India Exported USD 2026.20 million HVAC —R Products during 2020 with Exports of Equipment and Parts for Air Conditioner, Refrigeration and Ventilation comprising the biggest share of 77.67%,followed by 11.35 % by Heating Equipment exports; 6.64% by Refrigerating Units and 4.3% by Air Conditioning Units.

USA, UAE and China were the three topmost destinations of India's global exports of HVAC-R products in 2020 with their respective shares of 16.7%, 7.0% and 5.92% respectively in 2020. European Union (EU) is the largest importer of India's HVAC-R products among all the regions with a consumption of over one-fifth of India's total global exports of the same. North America and 'Middle-east and West Asia' (MEWA) are the immediate followers of EU with respective shares of 18.2% and 16.5%. Both ASEAN and North-east Asia consumes over 10% of India's global exports of HVAC-R last year.

HVAC-R sector in India witnesses stiff competition among several leading global companies and a number of indigenous establishments as well. While the global names include brands like Carrier Corporation, Daikin Industries Ltd., Mitsubishi Electric Corporation, LG Electronics Inc., Ingersoll-Rand plc, and Panasonic Corporation among others have been competing in holding larger share of the market, Indian firms including Blue Star Limited, Havells India Limited, and Voltas Limited also comfortably secure their places with riging demand for their products.







EEPC India held the first edition of Virtual Expo on Heating, Ventilation, Air Conditioning and Refrigeration HVAC - R 2022 over 18-22 January, 2022. The event focussed on buyers from 36 countries from five continents including Asia, Europe, Africa, North America and South America.

HVAC - R India Expo 2022 was a five day affair over 18-22 January, displaying 72 products under seven broad heads — Air Handling and Air Distribution Products; Air Movement, Ventilation; Indoor Air Quality Products; AC, Heating and Refrigeration Equipment & Systems; Energy & Specialised Climate Control Systems; Unitary Products (AC); Labour Saving Tools & Instruments, Software and Business Services.

EEPC India Senior Office Bearers; Chairman Mr Mahesh Desai; Vice Chairman Mr Arun Kumar Garodia and Past Chairman & Chairman of the Publicity, Exhibition and Delegation Committee, EEPC India, Mr Rakesh Shah all welcomed the participants to the event on the Inaugural Session on January 18, 2022.







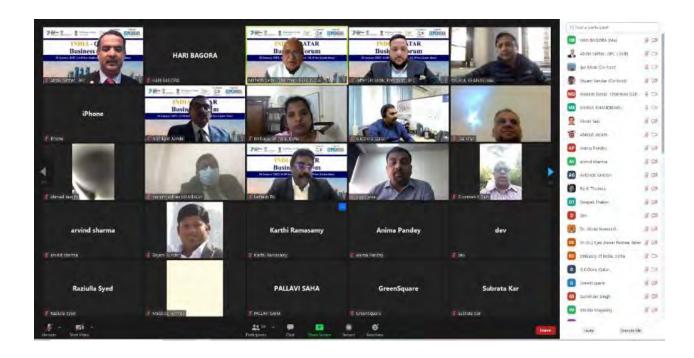
Two webinars were held on two dates — January 18 and 20, 2022







On January 18, 2022 EEPC India in association with Indian Embassy in Qatar and IBPC (Indian Business Professionals Council) organised the Bilateral India — Qatar Business Forum. Mrs T Angeline Premlatha, Counsellor, Embassy of India in Doha; Mr Jaffar U Sadiq, President, IBPC; Dr Muhammad Ijaz Khan, The Institution of Engineers, Qatar Chapter; Mr Mahesh Desai, Chairman, EEPC India and Mr Mukul Khandelwal, Chairman of the Committee of Trade with GCC Countries.



















**On January 20, 2022, EEPC India in association with** Bureau of Indian Standards (BIS) organised a webinar on Standards and Certification on, Ventilation, Air Conditioning and Refrigeration Segment with Mr Sanjay Pant, Deputy Director General, BIS as the Key Speaker from BIS.





### **Statistics**





#### **Product Displayed**

#### **Air Handling & Air Distribution Products**

- Air Handling Units
- Evaporative Cooling
- Fan Coil Units
- Grills & Diffusers
- Air Filters
- Dampers
- Duct Fabricating Machines
- Insulation
- Acoustic Lining
- VAV Systems
- Blowers & Fans
- Prefabricated Ducts
- Chilled Beams

### Air Conditioning, Heating & Refrigeration Equipment & Systems

- Air Conditioning
- Ventilation Systems and Components
- Heating Pumps, Heat Exchangers
- Refrigeration Systems and Equipment

#### **Unitary Products (Air Conditioners)**

- Window AC
- Split AC
- Packaged AC
- Rooftop AC
- Portable AC
- Precision AC
- Dehumidifiers & Humidifiers
- o VRV
- VRF systems

### Air Movement, Ventilation, Ducts & Other IAQ Products

- Ducting Systems and Machinery
- Fluids IAQ Products (Filters, Humidifiers, etc.)
- Ventilation Systems & Components
- Valves







### Energy & Specialized Climate Control System

- Building Automation System
- Facility Management System
- Control Valves, Sensors and Field Devices
- Energy-Saving Equipment
- Renewable Energy Equipment
- Solar Cooling

### Labour-Saving Tools & Instruments, Software, and Business Services

- HVAC Industry Services
- Installation Tools & Equipment
- Insulation Products
- o Fittings, Components
  - Valves, Pumps, Pipes
- Plumbing Products and Technologies
- Power Generation
- Tools & Accessories
- Measuring Technologies
- Simulation Based Technologies

#### **Indoor & Quality**

- Indoor Air Quality Products
- Clean Rooms & Allied Equipment
- Radiant Cooling
- District Cooling

- Geo Thermal
- Thermal Storage Systems
- Vibration Isolators
- Duct Pipe Supports
- Air Curtains
- Lighting Manufacturers
- BMS and Building Automation services
- Air Economiser
- Water Economiser
- Filters
- UV Lights
- Ozone Systems
- Air Purifiers
- Air Purification Systems

#### **Others**

- Packaged Chillers
- Centrifugal Compressors
- Screw Compressors
- Scroll Compressors
- Reciprocating Compressors
- Vapour Absorption
- Magnetic bearing
- Heat Pumps
- Cooling Towers

















HVAC-Visitor-Emailer





Visitor-Emailer



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Arabic-Emailer





French-Emailer



Portuguese Emailer



Spanish Emailer

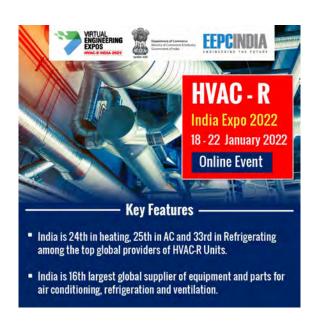


Brochure





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#### B2B background



#### Virtual Backdrop



First Slide





EMS banner



Web Banner



Event portal





#### Embassies recampaigned the event .

Indian Missions in Hamburg, Panama and Johannesburg



Indian Embassy in Hamburg



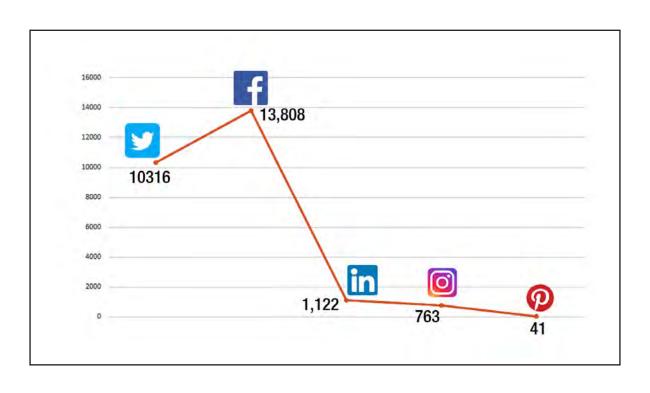
Indian Embassy in Panama



Indian Embassy in Johannesburg











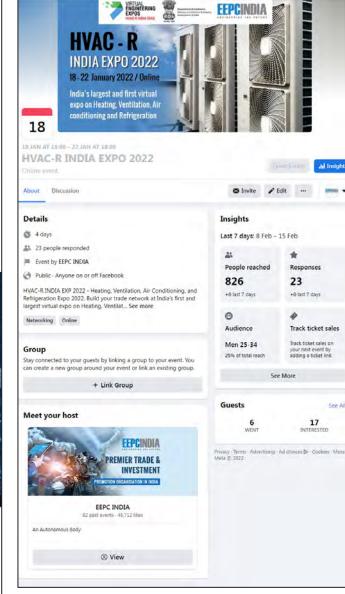
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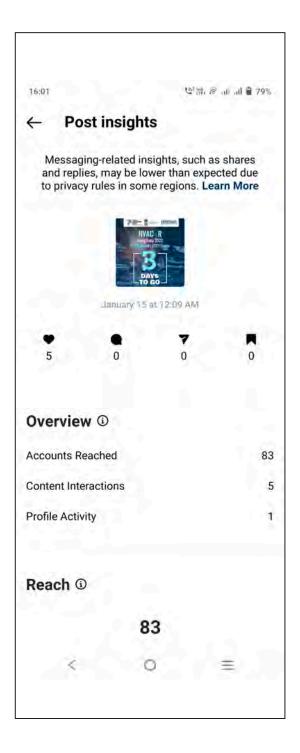






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|                   | ch TODAY at 11 am (IST) the epcindia organised first V Exp | F) the worldwide inauguration of<br>V Expo of 2022 |  |
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| Promote your      | Tweet  |  |  |









Extensive Media Coverage was received for HVAC R and India Qatar Bilateral Business Forum



Gulf Times- January 22, 2022



The Doha Globe- January 20, 2022





#### Heating, ventilation, A/C, refrigeration to help engineering exports touch \$107 b in FY22

HVAC-R segments hold huge growth potential, says EEPC

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Strong export jurifurnamene or engineering overliking of engineering overliking, overliking, and engineering overliking, and engineering overliking, and engineering to EFE. Engineering engine

heating, ventilation, air-con-ditioning and refrigeration (MVAC-R) segments could reach magical numbers. EEPC India Chairman Ma-hesh Desai said at a five-day virtual expo on HVAC-R. The expo features visitors and buyers from 36 countries.



A/Cs and 33rd in refrigeration units

The US, IMFA and China were
the three topmost destinations of India's global exports of IWAC-B products in
a Copy while the TU, North
America and the MiddleEast and West Asia (MEWA)
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tent.

It was followed by heating equipment at 11.35 per cent, refrigerating units at 6.84 per cent and alr-conditioning units at 4.3 per cent.

The Indian HYAC-E market is estimated to reach \$1.6 billion by 2030, with a compounded annual growth rate of 16 per cent



India's exports of heating, ventilation, air-conditioning and refrigeration (HVAC-R) segments are set to grow exponentially, EEPC India said.

At present, the US, the UAE, and China were the three top most destinations of India's global exports of HVAC-R products in 2020 with their respective shares of 16.7 per cent, 7 per cent and 5.92 per cent.

Addressing an industry event here, EEPC India Chairman Mahesh Desai said that outbound shipments would grow at a fast pace in coming years as more and more markets open up for global trade.

"European Union is the largest importer of India's HVAC-R products among all the regions with a consumption of over one-fifth of India's total global exports of the same," he said.

"North America and 'Middle East and West Asia' are the immediate followers of the EU with respective shares of 18.2 per cent and 16.5 per cent. Both ASEAN and North-east Asia consumed over 10 per cent of India's global exports of HVAC-R last year."

Currently, India is ranked 24th largest global supplier of heating equipment, 25th in AC and 33rd in refrigeration units. It is estimated that India exported \$2,026.20 million HVAC-R products during 2020 with exports of equipment and parts for air conditioner, refrigeration and ventilation comprising the biggest share of 77.67 per cent, followed by 11.35 per cent by heating equipment exports, 6.64 per cent by refrigerating units, and 4.3 per cent by air conditioning units.





- The maiden EEPC India initiative with HVACR as a 5 day Virtual Expo was held over 18-22 January, 2022. Buyers from 36 countries covering five continents including Asia, Europe, Africa, North America and South America were invited
- 72 Products were on display by 27 Indian Exhibitors
- The products were grouped under seven Categories namely Air Handling and Air Distri bution Products; Air Movement, Ventilation; Indoor Air Quality Products; AC, Heating and Refrigeration Equipment & Systems; Energy & Specialised Climate Control Systems; Unitary Products (AC); Labour Saving Tools & Instruments, Software and Business Services
- The event had a dedicated Expo Platform https://eepcvirtualexpo.com/hvacr-2022
- 413 Indian and Overseas Buyers and Visitors attended the five day of the event
- 22 B2B Meetings were held with 183 Overseas Buyers and 230 Indian Buyers/Visitors with cooperations of Indian Overseas Missions. The E BSMs were fruitful for both the participants (Indian and their overseas counterparts) and provided information regarding various HVAC-R (Heating, Ventilation, Air Conditioning and Refrigeration) equipment and machinery technologies which have already been earmarked by various companies/institutions domestically & globally. 70 Chat exchanged between exhibitor & visitors and 37 meeting requests were also recorded.



- Two web sessions were held with the Manufacturers and Exporters of Heating, Ventilation, Air Conditioning and Refrigeration which witnessed good Participation from the Industry. The discussions in the BIS session and Bilateral session exposed the audience to the Global and latest Technologies in the sector. The speakers highlighted the Key advancements in this sector
- The five day event had participations and assistances from Ministry of Commerce & Industry, Indian High Commissions & Embassies in Focus Nations; Industry leaders, Entrepreneurs as stakeholders







### NOTES





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