

## Why Cooltron Fans & Blowers ?



Cooltron, has been supplying different industries with custom designed Thermal Management Solutions and Products for over 20 years since its inception in California, USA in 1990.

Distinguished from other manufacturers, Cooltron, is one of very few in the Thermal Management industry able to provide Total Thermal Solutions and Full Services, beginning from Market Competition & Budget Affordability Analysis, Thermal Products Positioning, Thermal Designs & Simulations, Prototypes, Pilot Run, Mass Production, till After Services.

Cooltron headquarters in California, USA has both fans and heat sinks factories in China and Taiwan, logistic warehouses in Shenzhen China, Hong Kong, and Southern California, USA, hiring over 2,500 employees, serving world class customers in many channels like global electronic component distributors, electronic manufacturing services (EMS), contract manufacturers (CM), direct manufacturer account in great varieties of application markets such as Energy, Power Supply, Telecom, Networking, Fitness & Wellness, Arcade Game, Commercial Food Services, and more Industrial Applications.

Please look up our fastest growing focused application markets and some best seller fan and blower products in the following pages for your better ideas of more potential business to explore. You are welcome to contact our sales in Cooltron USA and Cooltron China at any time for your inquiries of stock availability and custom projects.

## Energy & Power Supply Market



As well as the most often inquired Uninterrupted Power Supply (UPS), Battery Recharger for Truck, Forklift, and Electric Vehicles, Commercial and Industrial Solar Inverter, and Power Converters, are all facing heat challenges that require more sophisticated thermal management solutions that are made more difficult as power cells intensity increase.

Cooltron provides different size of DC and AC fans for general market choices. In addition, Cooltron customizes unique DC and AC fans featured with high air flow volume (CFM), but also higher static pressures and less power consumption to meet customers specific thermal performance requirements for their own power supply application needs.

### Energy & Power Supply Market Best Seller Fan p/n#

DC Fans:  
 FD1751B24W7-3P-61 (for Eaton UPS & After Service Market)  
 FD1238B48W5-84-2RY (for Cellular Phone Tower Power Supply)  
 FD8025S12W7-73S (for Battery Charger)

AC Fans:  
 FA2589B11T11C-31 (for Vehicle Charging)  
 FA1662B11W7C-51 (for Power Distribution & Management)

## Telecom & Networking Market



With the evolution of digital age and global village, people are ever more demanding for communication speed for faster and large amount voice or data exchange in social media chatting and business computing backed up by Cloud Computing that request instant heat dissipation in Telecom & Networking equipment arrays in Data Centers, Telecom Towers, and Networking products.

To meet the special requirements of different telecom and networking equipment and service providers for different emphasis on more high heat durable fan ball bearing for longer life time, or more consistent and reliable multiple fan trays for highly density server racks and networking arrays, and or Ingress Protection for outdoors equipments in harsh working environments, Cooltron engineering teams provide Total and Complete Thermal Solutions that start from analysis on working environment and application system configuration to help customers to work out together the best fit fans and blowers product designs.

### Telecom & Networking Market Best Seller Fan p/n#

DC Fans:  
 FBD9733B24W7-81-3R (DC Blowers for Networking Chassis)  
 FD3010B05W7-82-3F (DC Fan for Ethernet Networking Switching)  
 FD4028B12W1-82-3R (DC Fan for ADSL Voice IP Networking)  
 FD4010B12W7-84-3R  
 FD4020B12W11-81-3H  
 FD4020B05W11-82-3H  
 FD5010B12W7-84-3R  
 FD9225B12W5-84-4J

## Industrial Applications Market



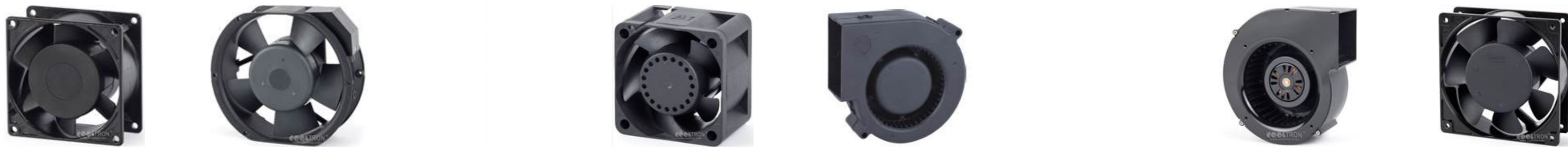
At the digital time and market trends going toward Artificial Intelligence (AI) backed by Internet of Thing, modern production factories rely more and more on intelligent machines controlled by industrial computers and internet networking for smart and precision production controls.

Based on customer specific thermal requirements for production, Cooltron custom designs and builds fan and blower with special functions desired, such as PWM to help save power consumption, or Thermistor to monitor and manage the most optimum operational temperatures range, and more smart control features to integrate with intelligent automatic production machines..

### Industrial Applications Market Best Seller Fan p/n#

DC Fans:  
 FD4028B12W5-85-4J/FD8025B12W9-61-4J (DC Fan for Industrial Computer Rack)  
 FD4020B24W7-81-2R (DC Fan for Plastic Card Printer)  
 FD1238B24W3-85-2RY (DC Fan for AC Drive for Motor)  
 FBD1881B24W3-61-2RY (DC Blower for Chlorine Generator)

AC Fans:  
 FA1238B11T7-66 (AC Fan for CNC Machines)  
 FA2589B11W7C-55 (AC Fan for CNC Machines)  
 FD5010B12W7-84-3R  
 FD9225B12W5-84-4J



## Commercial Food Services Market



Living a busy life in the industrial society today, people are spending more and more than before on dining out and leisure time. The expenditure on hotels and restaurants are increasing globally, and drive the growth of the commercial food services market.

Cooltron has been supplying to name brands in the food services market for years with a great varieties of choices of fans and blowers and accessories for cooking ovens, refrigerators, coolers, coffee makers, and more, plus electric certifications for work places safety.

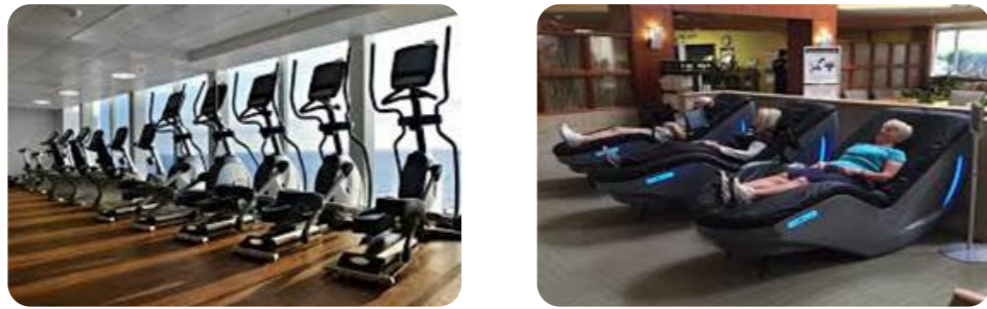
Commercial Food Services Market Best Seller Fan p/n#

DC Fans:  
FD9225B24W9-81-2RY (DC Fan for Refrigerator)

AC Fans:  
FA1238B22T9C-31 (AC Fan for Cooking Oven)  
FA1751B22W7C-31 (AC Fan for Cooking Oven)  
FA9225B11W7-51 (AC Fan for Refrigerator)



## Wellness & Fitness Market



Globally, increased consumption of unhealthy food and sugar is causing obesity, which leads to diabetes, heart disease, and high blood pressure. The rise in awareness among millennial has resulted in an increase in expenditure on healthy lifestyle and fitness activities, which is encouraging them to join fitness clubs that drive the demands for more fitness clubs equipment.

Cooltron has been involved in research and developments of custom fitness equipment for years, such as treadmills and even massage equipment, for their special needs of system cooling or local hot spot cooling.

Wellness & Fitness Applications Market Best Seller Fan p/n#

AC Fans:  
FA8038B11W7-96 (AC Fan for Treadmill)  
FA1751B22T7C-31 (AC Fan for Massage Equipment)  
FA2260B22T7C-31 (AC Fan for Massage Equipment)



## Gaming & Entertainment Market



The increasing demands for physical activity on arcade gaming among young generation drive the global arcade gaming market. Plus, the innovations and advancement of Virtual Realty (VR) technologies has changed the virtual world of gaming and gamers experiences.

To help gaming customers to catch up the ever growing market, but need to differentiate gaming machines from competition, Cooltron help customers to tail fan designs to fit integration with gaming consoles, gaming arcades, and even Casino gaming machines.

Gaming & Entertainment Market Best Seller Fan p/n#

DC Fans:  
FD1225B12W7-81-2R (DC Fan for Arcade Games)  
FD5010S05W7-71-3F (DC Fan for Casino Games)  
FD6010B12W3-71-3F (DC Fan for Casino Games)

Fan accessory  
FD5010B12W7-84-3R  
FD9225B12W5-84-4J



## Cooltron Fast-Growing Application Market



COOLTRON (U.S.A.)  
19929 Harrison Ave.  
Industry, CA 91789  
Tel: 1-909-598-6033  
Fax: 1-909-598-6043  
[info.usa@cooltron.com](mailto:info.usa@cooltron.com)  
[sales.usa@cooltron.com](mailto:sales.usa@cooltron.com)

Cooltron (CHINA)  
5F, Xingyue Bldg., Shiguang Ind. Park,  
Longhua New Dist., Shenzhen, 518109  
Tel: 86-755-8209 0805  
Fax: 86-755-2904 3077  
[www.cooltron.com](http://www.cooltron.com)

Brochure Version 2020 V1.0