



Date: March, 2012

COOLTRON APPLICATION LIST

Category



Telecommunications

Industrial & Instrument

Power Supply

Computer/ IT Product

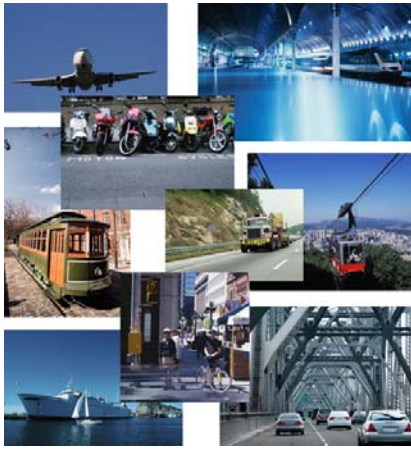
Medical & Healthcare

Home & Hotel Appliance

Office Equipment

Military & Defence

Automotive & Transportation



TELECOMMUNICATIONS



Telecommunications includes voice, video, and Internet communications services. Increasing demand for telecommunications services creates the great business for Cooltron fans used in the following applications:

Application	Fan Type	Fan Size	Fan Series
Rack Server	AC Fan	92x92x25 mm	FA9225-91
Rack Server	AC Fan	120x120x38 mm	FA1238-61
Rack Server	DC Fan	92x92x25 mm	FD9225-81
Access Control Server	DC Fan	172x150x51 mm	FD1751-52
Server Storage	DC Fan	60x60x25 mm	FD6025-83
Server Storage	DC Fan	60x60x25 mm	FD6025-84
Server Storage	DC Fan	60x60x25 mm	FD6025-81
Server Storage	DC Fan	60x60x25 mm	FD6025-85
Enclosures of Telecoms	AC Fan	80x80x38 mm	FA8038-51
Enclosures of Telecoms	DC Fan	120x120x25 mm	FD1225-81
Enclosures of Telecoms	DC Fan	172x150x51 mm	FD1751-52
Enclosures of Telecoms	DC Fan	172x151x55 mm	FD1755-61
Servo Controller	DC Fan	60x60x10 mm	FD6010-71
Audio Equipment	AC Fan	80x80x38 mm	FA8038
Audio Equipment	AC Fan	120x120x38 mm	FA1238
Telecom Switchoard	DC Fan	30x30x06 mm	FD3006-71
Optic Switch	DC Fan	92x92x38 mm	FD9238-81
Optic Transceiver	DC Fan	40x40x20 mm	FD4020-71
Optic Transceiver	DC Fan	40x40x20 mm	FD4020-81
Handheld Mobile	DC Fan	15x15x06 mm	FD1506-71
Mobile Access System/ RFI Module	DC Fan	60x60x38 mm	FD6038-63
Mobile Access System/ RFI Module	DC Fan	60x60x38 mm	FD6038-81
Modem	DC Fan	50x50x10 mm	FD5010-71
Modem	DC Fan	50x50x10 mm	FD5010-81
Repeater	DC Fan	40x40x10 mm	FD4010-71
Repeater	DC Fan	60x60x25 mm	FD6025-81
Repeater	DC Fan	60x60x38 mm	FD6038-11
Repeater	DC Fan	70x70x25 mm	FD7025-71
Repeater	DC Fan	80x80x15 mm	FD8015-81
Repeater	DC Fan	80x80x38 mm	FD8038-81

Repeater	DC Fan	92x92x25 mm	FD9225-81
Repeater	DC Fan	120x120x38 mm	FD1238-81
Wireless Video Broadcasting	DC Fan	40x40x20 mm	FD4020-71
Wireless Video Broadcasting	DC Fan	40x40x28 mm	FD4028-81
PCBA for P2P Radio System	DC Fan	40x40x10 mm	FD4010-61
PCBA for P2P Radio System	DC Fan	40x40x10 mm	FD4010-81
1U Chassis	DC Fan	40x40x10 mm	FD4010
1U Chassis	DC Blower	60x60x15 mm	FBD6015-81
Inverter in Inside Cabinet	DC Fan	50x50x25 mm	FD5025-81
Communication Amplifier	DC Fan	30x30x10 mm	FD3010
Water & Shock Resistant IT-Outdo	DC Fan	40x40x15 mm	FD4015-11
Water & Shock Resistant IT-Outdo	DC Fan	40x40x20 mm	FD4020-81
Solar Panels	AC Fan	180x180x65 mm	FA1865-51
Solar Panels	DC Fan	172x150x51 mm	FD1751-61

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INDUSTRIAL & INSTRUMENTS



Ideal for industrial settings, our "intelligent fan" options provide features like PWM (pulse width modulation) input, thermal and constant speed controls and alarms. Circulating AC and DC fans are used to solve heat stratification problems, dampness, and stagnant air.

Application	Fan Type	Fan Size	Fan Series
CNC Milling and Welding Machines	DC Fan	60x60x25 mm	FD6025-81
CNC Milling and Welding Machines	DC Fan	60x60x38 mm	FD6038-81
CNC Milling and Welding Machines	DC Fan	80x80x25 mm	FD8025-71
CNC Milling and Welding Machines	DC Fan	80x80x38 mm	FD8038-81
CNC Milling and Welding Machines	DC Fan	92x92x25 mm	FD9225-81
CNC Milling and Welding Machines	DC Fan	120x120x25 mm	FD1225-81
CNC Milling and Welding Machines	AC Fan	172x150x55 mm	FA1755C-31
Outdoor High Power LED Cooling Solution	AC Fan	120x120x25 mm	FA1225-61
LED Lighting Outdoor	DC Fan	120x120x25 mm	FD1225-81
LED Lighting Outdoor	AC Fan	120x120x38 mm	FA1238-52
LED Lighting Outdoor	AC Fan	120x120x38 mm	FA1238-97
Head Lights for Lighting Systems for Stage	DC Blower	75x77x30 mm	FBD7530-61
Head Lights for Lighting Systems for Stage	DC Blower	120x120x32 mm	FBD1232-81
UV Light	DC Fan	40x40x28 mm	FD4028-11
Full Digital Light	AC Fan	80x80x38 mm	FA8038-51
UVC Light Fixture	AC Blower	220x220x56 mm	FBA2256
Lighting Industry	AC Fan	92x92x38 mm	FA9238-51
Street Lights	DC Fan	92x92x25 mm	FD9225
Plasma Cutter	DC Fan	92x92x38 mm	FD9238-11
Plasma Cutter	DC Fan	92x92x38 mm	FD9238-81
Plasma Cutter	DC Fan	120x120x25 mm	FD1225-81
Plasma Cutter	DC Fan	120x120x25 mm	FD1225-81
Plasma Cutter	DC Fan	120x120x38 mm	FD1238-63
Amplifier	DC Fan	60x60x25 mm	FD6025-81
Industrial Amplifier	DC Blower	50x50x15 mm	FBD5015-61
Industrial Amplifier	DC Blower	75x77x30 mm	FBD7530-61
Industrial Amplifier	DC Blower	75x75x30 mm	FBD7530-81
Industrial DVD	DC Fan	50x50x15 mm	FD5015-71
Industrial DVD	DC Fan	50x50x15 mm	FD5015-81
Industrial DVD	DC Fan	80x80x25 mm	FD8025-81

Industrial DVD	DC Fan	60x60x15 mm	FD6015-81
Laboratory Equipment	DC Fan	50x50x15 mm	FD5015-81
Laboratory Equipment	DC Fan	60x60x15 mm	FD6015-81
Data Systems	DC Fan	25x25x10 mm	FD2510-81
Vending Machine	DC Blower	50x50x15 mm	FBD5015-81
Vending Machine	DC Blower	75x75x30 mm	FBD7530-81
Industrial Printing Machine	DC Fan	50x50x25 mm	FD5025-81
Industrial Printing Machine	DC Fan	92x92x38 mm	FD9238-81
Sensing Measurement	DC Fan	60x60x15 mm	FD6015-81
ESD Safe Products	DC Fan	120x120x25 mm	FD1225-61
Cable Assembly Equipment	DC Fan	120x120x25 mm	FD1225-81
Automatic Test Equipment	AC Fan	§ 254X89mm	FA2589C-52
Motor Controller	DC Fan	70x70x10 mm	FD7010-71
Rectifier	DC Fan	40x40x10 mm	FD4010-81
Rectifier	DC Fan	40x40x28 mm	FD4028-82
Air Quality Instruments	DC Fan	60x60x25 mm	FD6025-71
Heat Recovery Ventilators	AC Fan	172x150x38 mm	FA1738
Power Chassis	DC Fan	80x80x38 mm	FD8038
Network Interface Device	DC Fan	30x30x10 mm	FD3010
Signage and Gaming Industry	AC Fan	80x80x38 mm	FA8038-51
Signage and Gaming Industry	AC Fan	80x80x25 mm	FA8025-51
Signage and Gaming Industry	AC Fan	120x120x38 mm	FA1238-61
Signage and Gaming Industry	AC Fan	120x120x25 mm	FA1225C-31
Lottery Machine System	DC Fan	60x60x10 mm	FD6010-83
Lottery Machine System	DC Fan	60x60x25 mm	FD6025-71
Lottery Machine System	DC Fan	60x60x25 mm	FD6025-71
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Application List

POWER SUPPLY



Many industrial manufacturers around the world have been using Cooltron fans in their power supply applications for many years. The Cooltron standard AC/DC fan and blower series being specified in the following applications:

Application	Fan Type	Fan Size	Fan Series
150W Power Supply	DC Fan	30x30x10 mm	FD3010
Computer Power Supply	DC Fan	30x30x10 mm	FD3010-81
Computer Power Supply	AC Fan	120x120x38 mm	FA1238-91
AC Adaptors	AC Fan	60x60x30 mm	FA6030-91
AC Adaptors	DC Fan	70x70x25 mm	FD7025-81
Digital Signage	DC Fan	50x50x10 mm	FD5010-81
Energy Storage Devices (Batteries and Chargers)	DC Fan	60x60x25 mm	FD6025-81
Energy Storage Devices (Batteries and Chargers)	DC Fan	120x120x25 mm	FD1225-81
Frequency Inverter	DC Fan	60x60x25 mm	FD6025-71
Power Fuel Cell Systems	DC Fan	120x120x38 mm	FD1238-81
LED Driver	DC Fan	60x60x25 mm	FD6025-81
LED Driver	DC Blower	120x120x32 mm	FBD1232-81
Railway Power Supply	AC Fan	120x120x25 mm	FA1225C-31
Railway Power Supply	AC Fan	120x120x38 mm	FA1238-51
Railway Power Supply	AC Fan	170x150x55 mm	FA1755C-51
Medical Power Supply	DC Fan	40x40x10 mm	FD4010-81
Welding Power Supply	DC Fan	80x80x15 mm	FD8015-81
Uninterruptible Power Supply (UPS)	AC Fan	172x150x38 mm	FA1738C-51
Uninterruptible Power Supply (UPS)	AC Fan	∅ 254X89mm	FA2589C-51
Uninterruptible Power Supply (UPS)	DC Fan	40x40x10 mm	FD4010
Uninterruptible Power Supply (UPS)	DC Fan	50x50x10 mm	FD5010
Uninterruptible Power Supply (UPS)	DC Fan	60x60x25 mm	FD6025-81
Uninterruptible Power Supply (UPS)	DC Fan	80x80x25 mm	FD8025-82
Uninterruptible Power Supply (UPS)	DC Fan	120x120x38 mm	FD1238-81
Uninterruptible Power Supply (UPS)	DC Fan	120x120x32 mm	FD1232
Uninterruptible Power Supply (UPS)	DC Fan	172x150x51 mm	FD1751-61

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COMPUTER/ IT PRODUCT



Designed with flexibility and energy efficiency in mind, our broad selection of fans and fan trays are used to cool server rooms, data centers and computer racks. Our low-noise fan option provides a virtually silent cooling solution while spot cooling fans are designed to eliminate hot spots in enclosures.

Application	Fan Type	Fan Size	Fan Series
Industriy Computer System	DC Fan	40x40x28 mm	FD4028-11
Industriy Computer System	DC Fan	40x40x28 mm	FD4028-81
CPU	DC Fan	92x92x25 mm	FD9225-81
Cage for PC	DC Fan	120x120x38 mm	FD1238-63
Cage for PC	DC Fan	120x120x38 mm	FD1238-81
Industrial Computer	DC Fan	40x40x28 mm	FD4028-11
Industrial Computer	DC Fan	40x40x28 mm	FD4028-81
Industrial Computer	DC Fan	60x60x15 mm	FD6015-81
Industrial Computer	DC Fan	60x60x25 mm	FD6025-81
Industrial Computer	DC Fan	60x60x25 mm	FD6025-83
Industrial Computer	DC Fan	80x80x38 mm	FD8038-11
Industrial Computer	DC Fan	80x80x38 mm	FD8038-81
Industrial Computer	DC Fan	92x92x38 mm	FD9238-81
Industrial Computer	DC Fan	120x120x25 mm	FD1225-81
Industrial Computer	DC Fan	120x120x38 mm	FD1238-81
Industrial Computer	DC Fan	120x120x38 mm	FD1238-84
Industrial Computer	DC Fan	120x120x38 mm	FD1238-85
Industrial Computer	AC Fan	120x120x25 mm	FA1225-61
Computer Box	AC Fan	120x120x25 mm	FA1225-91
Outside Box for Communication	AC Blower	125x126x40 mm	FBA1231C-31
Industrial PC with Fujitsu Motherboa	DC Blower	57x57x12 mm	FBD5712-81

MEDICAL & HEALTHCARE



Cooltron has high precision products that perfectly meet a range of medical application needs used in hospitals, clinics, plastic surgery, beauty salon and emergency care. Our low-noise and special function fans are designed for long life in continuous operation conditions.

Application	Fan Type	Fan Size	Fan Series
Medical Laser	DC Fan	35x35x10 mm	FD3510-71
Medical Laser	DC Fan	80x80x25 mm	FD8025-81
Medical Laser	DC Fan	92x92x25 mm	FD9225-81
Medical Laser	DC Fan	40x40x20 mm	FD4020-81
Medical equipment	DC Fan	120x120x38 mm	FD1238-61
Medical equipment	DC Fan	120x120x38 mm	FD1238-63
Medical equipment	DC Fan	60x60x15 mm	FD6015
Medical equipment	DC Fan	60x60x25 mm	FD6025
Medical equipment	AC Blower	120x120x38 mm	FDA1238BDLW3-61
Skin Analysis Application	DC Fan	35x35x10 mm	FD3510-71
Skin Analysis Application	DC Fan	40x40x10 mm	FD4010-81
Skin Analysis Application	DC Fan	40x40x10 mm	FD4010-71
Cosmetic Laser	DC Fan	30x30x10 mm	FD3010-81
Cosmetic Machine	DC Fan	120x120x38 mm	FD1238-63.
Cosmetic Machine	DC Fan	120x120x38 mm	FD1238-81
Skin Smooth Remover	DC Fan	120x120x25 mm	FA1225C-31
Skin Smooth Remover	DC Fan	120x120x38 mm	FA1238-51
EkoSonic Endovascular System	DC Fan	92x92x25 mm	FD9225-71
Robotic Dispensing System	DC Blower	120x120x32 mm	FBD1232-81
Sleep Apnea Products	DC Fan	30x30x06 mm	FD3006-71
Sleep Apnea Products	DC Fan	40x40x07 mm	FD4007-71
Healthcare	DC Fan	40x40x28 mm	FD4028-71
Laser Assisted Liposuction Equipm	DC Fan	40x40x28 mm	FD4028-81
Body Healthcare Equipment	DC Fan	35x35x10 mm	FD3510-71
Hair Removal	DC Fan	40x40x20 mm	FD4020-71
Hair Removal	DC Fan	40x40x28 mm	FD4028-81
Hair Removal	DC Fan	92x92x25 mm	FD9225-81

HOME & HOTEL



Cooltron offers a wide selection of fan sizes that you might need for manufacturing or repairing home electronics. Many of today's home and hotel electronics contain a large number of chips, circuits, motors, and other parts used in refrigerator, oven, clothes drier, and washing machine.

Application	Fan Type	Fan Size	Fan Series
Refrigerator Units	AC Fan	92x92x25 mm	FA9225-51
Refrigerator Units	AC Fan	92x92x25 mm	FA9225-96
Refrigerator Units	AC Fan	92x92x25 mm	FA9225-81
Refrigerator Units	AC Fan	120x120x38 mm	FA1238-52
Refrigerator Units	AC Fan	120x120x38 mm	FA1238-61
Refrigerator Units	DC Fan	60x60x25 mm	FD6025-81
Refrigerator Units	DC Fan	60x60x25 mm	FD8025-81
Refrigerator Units	DC Fan	80x80x25 mm	FD8025-68
Refrigerator Units	DC Fan	92x92x25 mm	FD9225-81
Refrigerator Units	DC Fan	120x120x25 mm	FD1225-81
Refrigerator Units	DC Blower	75x75x30 mm	FBD7530-61
Refrigerator Units	DC Blower	75x75x30 mm	FBD7530-81
Refrigerator Units	DC Blower	93x93x30 mm	FBD9330-61
Dryers	DC Fan	60x60x25 mm	FD6025-81
Coffee Maker	DC Fan	40x40x20 mm	FD4020-71
Coffee Maker	DC Fan	60x60x25 mm	FD6025-71
Coffee Maker	DC Fan	80x80x25 mm	FD8025-71
Induction Cooker	DC Blower	93x93x30 mm	FBD9330
Microwave	AC Fan	120x120x25 mm	FA1225-61
Microwave	AC Fan	120x120x38 mm	FA1238C-31
Microwave	AC Fan	120x120x38 mm	FA1238-61
Microwave	AC Fan	80x80x38 mm	FA8038-61
Microwave	DC Blower	75x77x30 mm	FBD7530-61
Electri Oven	AC Fan	80x80x25 mm	FA8025
Elevator	DC Fan	60x60x25 mm	FD6025-21
Elevator	DC Fan	80x80x38 mm	FD8038-81
Elevator	DC Blower	120x120x32 mm	FBD1232-81
Gas Analysis Device	DC Fan	40x40x10 mm	FD4010-81
Gas Analysis Device	DC Fan	40x40x20 mm	FD4020-73
Gas Stove	DC Fan	25x25x10 mm	FD2510

Power-Converter of Ergometer	DC Fan	120x120x25 mm	FA1225C-31
Cooling of Kitchen Equipment	DC Fan	80x80x25 mm	FD8025-21
Cooling of Kitchen Equipment	DC Fan	80x80x25 mm	FD8025-82
Warewashing Technology	DC Fan	92x92x25 mm	FD9225-81
Power Unit of Water Filter Appliance	DC Fan	40x40x10 mm	FD4010-71
Power Unit of Water Filter Appliance	DC Fan	40x40x20 mm	FD4020-81
Set-Up-Box	DC Fan	20x20x06 mm	FD2006-71
Set-Up-Box	DC Fan	15x15x06 mm	FD1506-71
Set-Up-Box	DC Fan	30x30x06 mm	FD3006-71
Set-Up-Box	DC Fan	30x30x10 mm	FD3010-71
Set-Up-Box	DC Fan	25x25x10 mm	FD2510-71
Set-Up-Box	DC Fan	40x40x10 mm	FD4010-71
Set-Up-Box	DC Fan	60x60x25 mm	FD6025-71
Water Filter	AC Fan	40x40x28 mm	FD4028-81
Water Filter	AC Fan	120x120x38 mm	FA1238-52
Water Filter	DC Fan	60x60x25 mm	FD6025-21
Stainless Steel Lamp	DC Fan	120x120x38 mm	FD1238-63
Stainless Steel Lamp	DC Fan	120x120x38 mm	FD1238-81
Fragrance Spreading Appliance	DC Fan	20x20x06 mm	FD2006-71
Fabric Solution	DC Fan	50x50x25 mm	FD5025-81
DVR	DC Fan	40x40x10 mm	FD4010-71
DVD Players	DC Fan	50x50x15 mm	FD5015-71
Home Security	AC Fan	180x180x65 mm	FA1865C-51
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OFFICE EQUIPMENT



Cooltron fans have widely used in the office equipment. The market consists of applications such as printers, fax machines and copiers, as well as office technology device such as projectors, gateway, and video delivery.

Application	Fan Type	Fan Size	Fan Series
Printer	DC Fan	40x40x15 mm	FD4015-61
Printer	DC Fan	40x40x20 mm	FD4020-81
Printer	DC Fan	60x60x25 mm	FD6025-21
Printer	DC Fan	120x120x38 mm	FD1238-81
Printer	DC Blower	50x50x15 mm	FBD5015-11
Multi-Functional Printer	DC Fan	60x60x15 mm	FD6015-61
Multi-Functional Printer	DC Fan	80x80x25 mm	FD8025-62
Multi-Functional Printer	DC Blower	50x50x15 mm	FBD5015-11
Multi-Functional Printer	DC Blower	50x50x15 mm	FBD5015-61
Multi-Functional Printer	DC Blower	75x77x30 mm	FBD7530-61
Thermal Card Printer	DC Fan	40x40x15 mm	FD4015-61
Thermal Card Printer	DC Fan	60x60x25 mm	FD6025-21
Thermal Card Printer	DC Blower	50x50x15 mm	FBD5015-11
Control System to Count Persons	DC Fan	92x92x25 mm	FD9225-81
Pharmaceutical Analytics	DC Fan	25x25x10 mm	FD2510-71
Pharmaceutical Analytics	DC Fan	25x25x10 mm	FD2510-81
Electronic Packaging Systems	DC Fan	92x92x38 mm	FD9238-81
Gateway	DC Fan	20x20x06 mm	FD2006-71
Gateway	DC Fan	30x30x10 mm	FD3010-71
Gateway	DC Fan	30x30x10 mm	FD3010-81
Gateway	DC Fan	40x40x10 mm	FD4010-81
Gateway	DC Fan	40x40x20 mm	FD4020-71
RFI ID	DC Fan	50x50x15 mm	FD5015-81
RFI ID	DC Fan	60x60x15 mm	FD6015-82
Video Delivery	DC Fan	40x40x10 mm	FD4010-81
Video Delivery	DC Fan	40x40x28 mm	FD4028-82

MILITARY & DEFENCE

Cooltron's AC/DC Fans and Blowers and Cooling Systems have supported some of the most stringent military and aerospace vehicles, programs and installations. Our products are specifically designed to operate in harsh environments, while delivering effective, efficient and highly reliable cooling solutions.

Application	Fan Type	Fan Size	Fan Series
Army Computer System	DC Fan	40x40x20 mm	FD4020-81
Government and Military	DC Fan	40x40x28 mm	FD4028-11
Industrial Military Computer	DC Fan	60x60x15 mm	FD6015-81
Military Device	DC Fan	92x92x38 mm	FD9238-81
Military Device	DC Fan	120x120x38 mm	FD1238-63
Devices for Gas Evaporation	EC Fan	120x120x31 mm	FDA1231-31
Army Analytic Data System	DC Fan	120x120x38 mm	FD1238-63

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AUTOMOTIVE & TRANSPORTATION



In addition to cooling systems for the cars, Cooltron supports a wide range of automotive applications including diagnostic equipment for engines, transmissions, truck cabs, and brakes. We also provide fans for varied transportations such as railway

Application	Fan Type	Fan Size	Fan Series
Drive Technology	DC Fan	40x40x20 mm	FD4020-81
Sealing Machine	DC Fan	60x60x20 mm	FD6020-81
Lumbar Support: Adjustment for Sea	DC Blower	60x60x25 mm	FBD6025-81
Railway Power Supply	AC Fan	120x120x38 mm	FA1238-51
Railway Power Supply	DC Fan	120x120x38 mm	FD1238-85
Outdoor - Industrial Automation	DC Fan	60x60x25 mm	FD6025-21
Vehicle Computers	DC Fan	60x60x10 mm	FD6010-81
Vehicle Computers	DC Fan	60x60x25 mm	FD6025-83
Vehicle Computers	DC Fan	80x80x38 mm	FD8038-81
Vehicle Computers	DC Fan	92x92x38 mm	FD9238-81

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