

**ELECTROCOMP**

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# FAN CATALOGUE

EX-STOCK  
2015

**COOLTRON**



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[www.electrocomp.co.za](http://www.electrocomp.co.za)



**PART NUMBER:** FAN/5  
**MANUFACTURER:** PANASONIC  
**SIZE:** 40MM X 40MM X 20MM  
**RATED VOLTAGE:** 12 VDC  
**RATED CURRENT:** 0.20 A (MAX)  
**RATED SPEED:** 7500 RPM  
**AIRFLOW:** 6.70 CFM (MAX)  
**NOISE:** 32.0 dB  
**BEARING TYPE:** DUAL BALL BEARING



**PART NUMBER:** FANC22  
**MANUFACTURER:** COOLTRON  
**SIZE:** 40MM X 40MM X 28MM  
**RATED VOLTAGE:** 12 VDC  
**RATED CURRENT:** 0.12 A (MAX)  
**RATED SPEED:** 6500 RPM  
**AIRFLOW:** 9.60 CFM (MAX)  
**NOISE:** 33.0 dB  
**BEARING TYPE:** DUAL BALL BEARING



**PART NUMBER:** FANC17  
**MANUFACTURER:** COOLTRON  
**SIZE:** 60MM X 60MM X 25MM  
**RATED VOLTAGE:** 12 VDC  
**RATED CURRENT:** 0.13 A (MAX)  
**RATED SPEED:** 4000 RPM  
**AIRFLOW:** 21.40 CFM (MAX)  
**NOISE:** 28.90 dB  
**BEARING TYPE:** SLEEVE BEARING



**PART NUMBER:** FANC5  
**MANUFACTURER:** COOLTRON  
**SIZE:** 60MM X 60MM X 25MM  
**RATED VOLTAGE:** 12 VDC  
**RATED CURRENT:** 0.22 A (MAX)  
**RATED SPEED:** 5000 RPM  
**AIRFLOW:** 26.70 CFM (MAX)  
**NOISE:** 36.10 dB  
**BEARING TYPE::** SLEEVE BEARING



**PART NUMBER:** FANC3  
**MANUFACTURER:** COOLTRON  
**SIZE:** 60MM X 60MM X 25MM  
**RATED VOLTAGE:** 12 VDC  
**RATED CURRENT:** 0.08 A (MAX)  
**RATED SPEED:** 3000 RPM  
**AIRFLOW:** 16.10 CFM (MAX)  
**NOISE:** 22.10 dB  
**BEARING TYPE:** SLEEVE BEARING



**PART NUMBER:** FANC4  
**MANUFACTURER:** COOLTRON  
**SIZE:** 80MM X 80MM X 25MM  
**RATED VOLTAGE:** 12 VDC  
**RATED CURRENT:** 0.17 A (MAX)  
**RATED SPEED:** 3000 RPM  
**AIRFLOW:** 38.50 CFM (MAX)  
**NOISE:** 30.90 dB  
**BEARING TYPE:** DUAL BALL BEARING



**PART NUMBER:** FANC25  
**MANUFACTURER:** COOLTRON  
**SIZE:** 80MM X 80MM X 25MM  
**RATED VOLTAGE:** 12 VDC  
**RATED CURRENT:** 0.17 A (MAX)  
**RATED SPEED:** 2500 RPM  
**AIRFLOW:** 32.40 CFM (MAX)  
**NOISE:** 26.20 dB  
**BEARING TYPE:** SLEEVE BEARING



Electrocomp headoffice at Linbro Business Park in Sandton, Johannesburg



**PART NUMBER:** FAN/6  
**MANUFACTURER:** SUNON  
**SIZE:** 80MM X 80MM X 38MM  
**RATED VOLTAGE:** 115 VAC  
**RATED CURRENT:** 0.15/0.13 A (MAX)  
**RATED SPEED:** 2400/2850 RPM  
**AIRFLOW:** 24/31 CFM (MAX)  
**NOISE:** 32/36.50 dB  
**BEARING TYPE:** BALL BEARING



**PART NUMBER:** FANC28  
**MANUFACTURER:** COOLTRON  
**SIZE:** 80MM X 80MM X 25MM  
**RATED VOLTAGE:** 230 VAC  
**RATED CURRENT:** 0.065/0.055 A (MAX)  
**RATED SPEED:** 2500/3200 RPM  
**AIRFLOW:** 20.30/22.30 CFM (MAX)  
**NOISE:** 29.60/33.50 dB  
**BEARING TYPE:** DUAL BALL BEARING



**PART NUMBER:** FANC30  
**MANUFACTURER:** COOLTRON  
**SIZE:** 120MM X 120MM X 25MM  
**RATED VOLTAGE:** 115 VAC  
**RATED CURRENT:** 0.12/0.11 A (MAX)  
**RATED SPEED:** 2100/2400 RPM  
**AIRFLOW:** 56.80/62.90 CFM (MAX)  
**NOISE:** 35.50/37.40 dB  
**BEARING TYPE:** DUAL BALL BEARING



**PART NUMBER:** FANC26  
**MANUFACTURER:** COOLTRON  
**SIZE:** 120MM X 120MM X 25MM  
**RATED VOLTAGE:** 230 VAC  
**RATED CURRENT:** 0.80/0.70 A (MAX)  
**RATED SPEED:** 2200/2400 RPM  
**AIRFLOW:** 60.90/68.00 CFM (MAX)  
**NOISE:** 37.40/39.40 dB  
**BEARING TYPE::** DUAL BALL BEARING



**PART NUMBER:** FANC29  
**MANUFACTURER:** COOLTRON  
**SIZE:** 120MM X 120MM X 38MM  
**RATED VOLTAGE:** 115 VAC  
**RATED CURRENT:** 0.28/0.23 A (MAX)  
**RATED SPEED:** 2400/2600 RPM  
**AIRFLOW:** 104.50/109.60 CFM (MAX)  
**NOISE:** 43.30/47.30 dB  
**BEARING TYPE:** DUAL BALL BEARING



**PART NUMBER:** FANC1-2 or FANC1-3  
**MANUFACTURER:** COOLTRON  
**SIZE:** 120MM X 120MM X 38MM  
**RATED VOLTAGE:** 230 VAC  
**RATED CURRENT:** 0.16/0.13 A (MAX)  
**RATED SPEED:** 2400/2700 RPM  
**AIRFLOW:** 104.50/109.60 CFM  
**NOISE:** 43.30/47.30 dB  
**BEARING TYPE:** DUAL BALL BEARING



**PART NUMBER:** FANC6  
**MANUFACTURER:** COOLTRON  
**SIZE:** 172MM X 150MM X 55MM  
**RATED VOLTAGE:** 115 VAC  
**RATED CURRENT:** 0.25/0.23 A (MAX)  
**RATED SPEED:** 2800/3200 RPM  
**AIRFLOW:** 233.50/258.80 CFM (MAX)  
**NOISE:** 50.20/54.20 dB  
**BEARING TYPE:** DUAL BALL BEARING



**PART NUMBER:** FANC10  
**MANUFACTURER:** COOLTRON  
**SIZE:** 172MM X 150MM X 55MM  
**RATED VOLTAGE:** 230 VAC  
**RATED CURRENT:** 0.35/0.40 A (MAX)  
**RATED SPEED:** 2850/3300 RPM  
**AIRFLOW:** 253.80/297.40 CFM (MAX)  
**NOISE:** 55.20/60.10 dB  
**BEARING TYPE::** DUAL BALL BEARING



<b>PART NUMBER:</b>	FAN
<b>MANUFACTURER:</b>	BI-SONIC
<b>SIZE:</b>	120MM X 120MM X 38MM
<b>RATED VOLTAGE:</b>	230 VAC
<b>RATED CURRENT:</b>	0.30/0.28 A (MAX)
<b>RATED SPEED:</b>	2750/3100 RPM
<b>AIRFLOW:</b>	200/240 CFM (MAX)
<b>NOISE:</b>	50/53 dB
<b>BEARING TYPE</b>	DUAL BALL BEARING

## [About Us](#)

### What We Do?

COOLTRON specializes in providing cooling products and services to a wide range of industries. We do what we do best and we are very confident and proud that COOLTRON is no doubt one of the best companies worldwide in terms of providing our customer top quality products with superb service and extremely competitive price.

COOLTRON's popular cooling products are tube-axial industrial cooling fans, blowers, fan accessories, and heat-sinks. We also offer our customers value added service like twisting lead wires, adding connectors, make fan trays and thermal engineering designing and testing.

We listen to our customers, keep improving, innovating and expanding. Most of our customers are also in great demand for electronic components. They're so happy with the value COOLTRON brings into the business relationship, especially the reliable professional service, that they keep pushing us bring in more product lines in the electronic components industry. As a result, we have been investing heavily into the industry and bringing in more value and complete product package to our customers.

**Following is a brief introduction of the products COOLTRON offers.**

There's wide selection of COOLTRON brushless DC fans and inductive AC fans - size from 15~254mm, thickness from 6~89mm, voltage from DC 3.3V, 5V, 12V, 24V, 48V to AC 110V, 220V, and dual voltage, ball, sleeve or hybrid, wire lead or terminal, auto restart protection, locked rotor alarm, speed sensor (tachometer), temperature controlled speed, Fan accessories COOLTRON offers include finger guard (wire or plastic), dust filter kit, power cords (standard or daisy chain type), aluminum/stainless EMI/RFI filter.

Heat-sinks are almost always customized. So please don't hesitate to send us your design or requirements. You'll be surprised with what we can do for you.



**PART NUMBER:**

FANC21

**MANUFACTURER:**

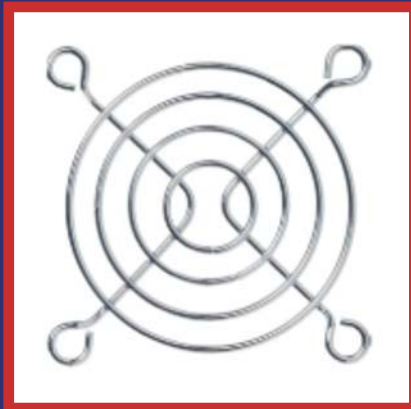
COOLTRON

**FOR FAN SIZE:**

40MM X 40MM X 07MM  
40MM X 40MM X 10MM  
40MM X 40MM X 15MM  
40MM X 40MM X 20MM  
40MM X 40MM X 28MM

**MATERIAL:**

BASIC BRIGHT WIRE



**PART NUMBER:**

FANGRILL2/C

**MANUFACTURER:**

COOLTRON

**FOR FAN SIZE:**

60MM X 60MM X 10MM  
60MM X 60MM X 15MM  
60MM X 60MM X 20MM  
60MM X 60MM X 25MM  
60MM X 60MM X 38MM

**MATERIAL:**

BASIC BRIGHT WIRE



**PART NUMBER:**

FANGRILL1 or FANGRILL1/C

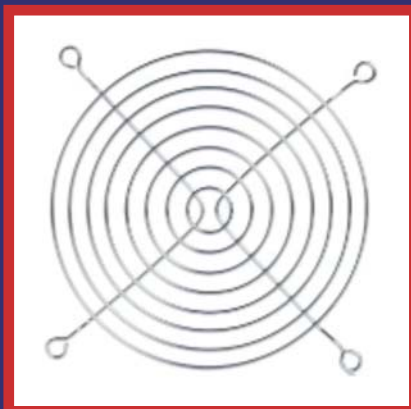
**MANUFACTURER:**

COOLTRON

80MM X 80MM X 10MM  
80MM X 80MM X 15MM  
80MM X 80MM X 20MM  
80MM X 80MM X 25MM  
80MM X 80MM X 32MM  
80MM X 80MM X 38MM

**MATERIAL:**

BASIC BRIGHT WIRE



**PART NUMBER:**

FANGRILL/C

**MANUFACTURER:**

COOLTRON

**FOR FAN SIZE:**

120MM X 120MM X 25MM  
120MM X 120MM X 32MM  
120MM X 120MM X 38MM

**MATERIAL:**

BASIC BRIGHT WIRE



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# FAN ACCESSORIES



**PART NUMBER:**

FANFILTER1

**MANUFACTURER:**

COOLTRON

**FOR FAN SIZE:**

60MM X 60MM X 10MM  
60MM X 60MM X 15MM  
60MM X 60MM X 20MM  
60MM X 60MM X 25MM  
60MM X 60MM X 38MM

**MATERIAL:**

ABS (UL94V-0) (RETAINER + GUARD)  
POLYURETHANE FOAM (FILTER)



**PART NUMBER:**

FANC20

**MANUFACTURER:**

COOLTRON

**FOR FAN SIZE:**

40MM X 40MM X 7MM  
40MM X 40MM X 10MM  
40MM X 40MM X 15MM  
40MM X 40MM X 20MM  
40MM X 40MM X 28MM

**MATERIAL:**

ABS (UL94V-0) (RETAINER + GUARD)  
POLYURETHANE FOAM (FILTER)



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## ES

### EXCELLENCE SERIES

The Excellence Series line designated by an **ES** is designed for high-end applications that require exceptional reliability, such as medical instruments. Fans and blowers that fall under this series have a superior lifespan and performance. Compared to a similar fan or blower from the standard series, this line would be more durable and longer lasting due to its superior engineering and materials.

Excellence Series, dual ball bearing:

Operating Temperature:  $-20^{\circ}\text{C}$  to  $70^{\circ}\text{C}$  (Humidity 15% to 90% RH)

Storage Temperature:  $-40^{\circ}\text{C}$  to  $85^{\circ}\text{C}$  (Humidity 15% to 90% RH)



### STANDARD SERIES

The Standard Series line designated by a **SS** is designed for general applications such as computers and cabinets. Fans and blowers that fall under this series have a standard lifespan and reliability that exceeds the industrial average. They are also more price competitive than comparable fans in the excellence series.

Standard Series, dual ball bearing:

Operating Temperature:  $-10^{\circ}\text{C}$  to  $70^{\circ}\text{C}$  (Humidity 35% to 85% RH)

Storage Temperature:  $-40^{\circ}\text{C}$  to  $75^{\circ}\text{C}$  (Humidity 35% to 85% RH)





# MOST POPULAR FANS SOLD BY COOLTRON

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## NON EX-STOCK ITEMS



**PART NUMBER:** FD4010S12W7-71-2N  
**MANUFACTORER:** COOLTRON  
**SIZE:** 40MM X 40MM X 10MM  
**RATED VOLTAGE:** 12 VDC  
**RATED CURRENT:** 0.07 A (MAX)  
**RATED SPEED:** 6000 RPM  
**AIRFLOW:** 6.50 CFM (MAX)  
**NOISE:** 25.90 dB  
**BEARING TYPE** SLEEVE BEARING



**PART NUMBER:** FD4010B12W7-81-2N  
**MANUFACTORER:** COOLTRON  
**SIZE:** 40MM X 40MM X 10MM  
**RATED VOLTAGE:** 12 VDC  
**RATED CURRENT:** 0.18 A (MAX)  
**RATED SPEED:** 6000 RPM  
**AIRFLOW:** 8.60 CFM  
**NOISE:** 27.60 dB  
**BEARING TYPE:** DUAL BALL BEARING



**PART NUMBER:** FD5010S12W7-71-2NSC  
**MANUFACTORER:** COOLTRON  
**SIZE:** 50MM X 50MM X 10MM  
**RATED VOLTAGE:** 12 VDC  
**RATED CURRENT:** 0.17 A (MAX)  
**RATED SPEED:** 5900 RPM  
**AIRFLOW:** 12.52 CFM (MAX)  
**NOISE:** 33.72 dB  
**BEARING TYPE:** SLEEVE BEARING



**PART NUMBER:** FD6015S12W7-71-2N  
**MANUFACTORER:** COOLTRON  
**SIZE:** 60MM X 60MM X 15MM  
**RATED VOLTAGE:** 12 VDC  
**RATED CURRENT:** 0.13 A (MAX)  
**RATED SPEED:** 3300 RPM  
**AIRFLOW:** 16.60 CFM (MAX)  
**NOISE:** 28.10 dB  
**BEARING TYPE::** DUAL BALL BEARING



# MOST POPULAR FANS SOLD BY COOLTRON

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## NON EX-STOCK ITEMS



**PART NUMBER:** FD8025S12W7-73S-2NC1

**MANUFACTURER:** COOLTRON

**SIZE:** 80MM X 80MM X 25MM

**RATED VOLTAGE:** 12 VDC

**RATED CURRENT:** 0.22 A (MAX)

**RATED SPEED:** 3000 RPM

**AIRFLOW:** 40.52 CFM (MAX)

**NOISE:** 35.40 dB

**BEARING TYPE:** SLEEVE BEARING



**PART NUMBER:** FD1225B12W7-81-2R

**MANUFACTURER:** COOLTRON

**SIZE:** 120MM X 120MM X 25MM

**RATED VOLTAGE:** 12 VDC

**RATED CURRENT:** 0.80 A (MAX)

**RATED SPEED:** 2800 RPM

**AIRFLOW:** 121.70 CFM

**NOISE:** 46.80 dB

**BEARING TYPE:** DUAL BALL BEARING



**PART NUMBER:** FBD1232B24W9-81-2RSC1

**MANUFACTURER:** COOLTRON (DC BLOWER)

**SIZE:** 120MM X 120MM X 32MM

**RATED VOLTAGE:** 24 VDC

**RATED CURRENT:** 1.20 A (MAX)

**RATED SPEED:** 3500 RPM

**AIRFLOW:** 50.30 CFM (MAX)

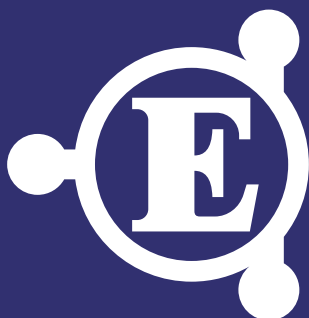
**NOISE:** 60.00 dB

**BEARING TYPE:** DUAL BALL BEARING

### Motorized Impeller -- AC/DC Input

- ◊ Backward curved centrifugal fan, external-rotor motor.
- ◊ High efficiency inlet designs, plastic PA 6 impeller.
- ◊ Permanently lubricated ball bearings, maintenance-free.
- ◊ Insulation class "B" or "F". Thermally protected





# ELECTROCOMP

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PREPARED BY HENDRI HURTER

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