



**Fans:**

High Performance  
Kooltray II

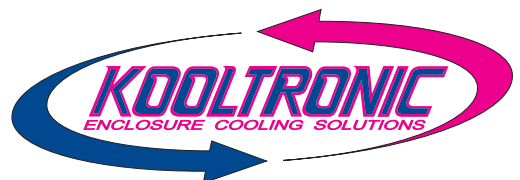
» **Motorized Impellers**

Packaged Fans

Thin Fans



# *Motorized Impellers*



# Motorized Impellers

## STANDARD FEATURES



- Low noise level
- CFM capacity 215 - 2070
- Available in 115 or 230 VAC, 50/60Hz, 24 or 48 VDC
- Compact size
- Precision balanced
- External rotor design
- Precision ball-bearing motors
- Class F, thermally protected
- UL Recognized (115 & 230 VAC)
- CE Approved



Kooltronic **Motorized Impellers** are designed for applications with limited space, high airflow requirements and high static pressures. Constructed of either plastic or galvanized steel, these impellers have an external rotor design and ball bearing motors, and are available in 115 or 230 volt, 50/60Hz and 24 or 48 VDC. Kooltronic DC **Motorized Impellers** feature brushless motors that are both efficient and cost effective. With no brushes to replace, these impellers also have a longer life-span, offering a trouble-free, maintenance-free solution to electronics cooling. With noise levels as low as 52 dBa at 60 Hz and 48 dBa at 50 Hz, these are the quietest and most efficient impellers on the market today.

Kooltronic **Motorized Impellers** are suited for electronic cabinet cooling, air filtration and ventilation. This style of impeller adapts easily to a wide range of applications, and unique packaging is available to meet specialized requirements.

## IDEAL APPLICATIONS

- Plant ventilation
- HVAC (clean room only)
- Material conveying systems
- Exhaust ventilation - range hood, roof, wall exhaust
- Cooling cabinets and enclosures
- Process drying
- Boilers with forced draft

### 2-Pole

Models Available  
from:  
270 CFM to 1008 CFM



Static Pressure Range:  
1.6 to 3.3

### 4-Pole

Models Available  
from:  
215 CFM to 2070 CFM



Static Pressure Range:  
0.56 to 2.15

### DC (24 & 48Volt)

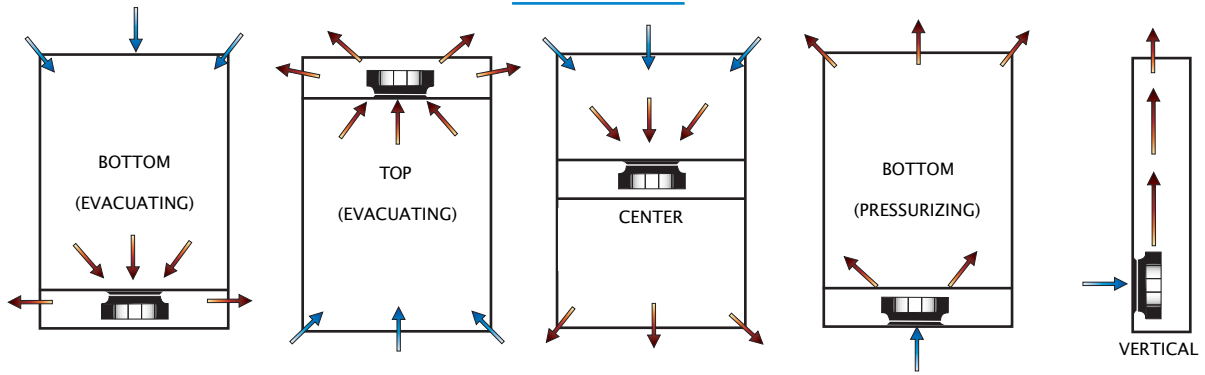
Models Available  
from:  
270 CFM to 714 CFM



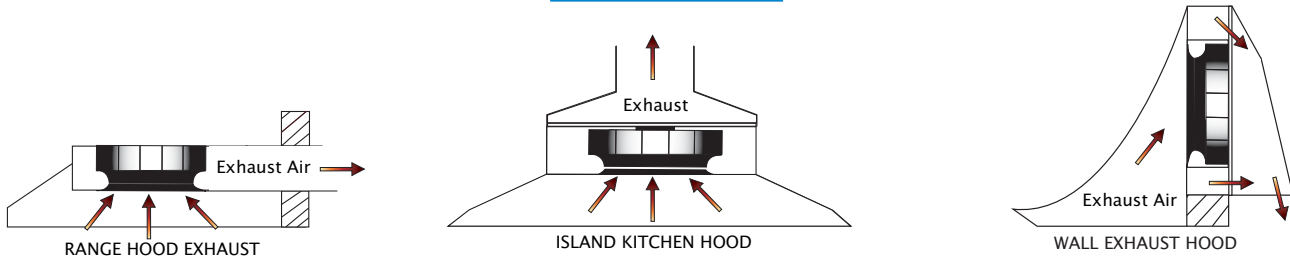
Static Pressure Range:  
1.78 to 2.58

# Versatile Cooling Solutions for your Application

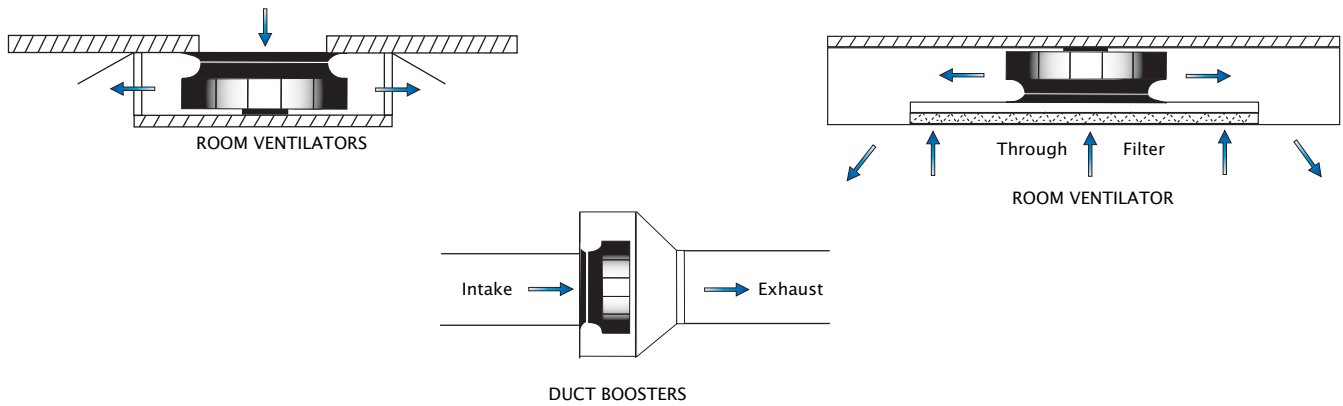
## Enclosures



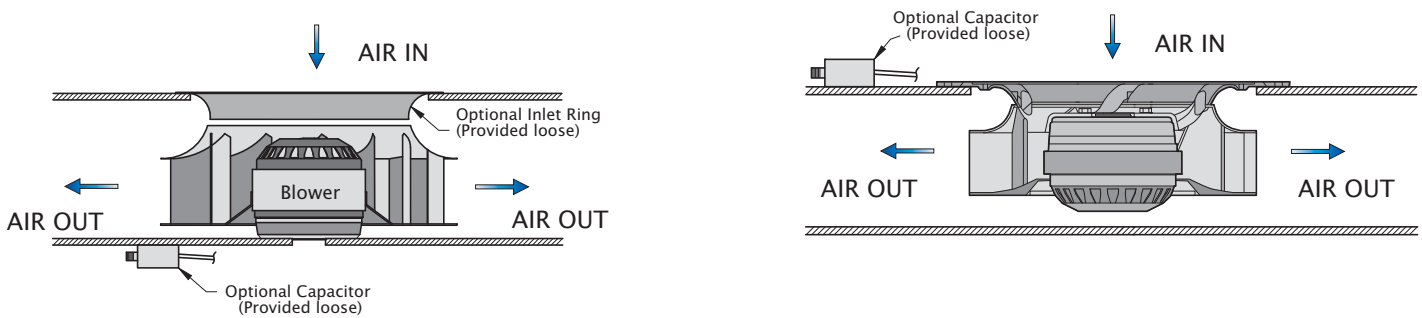
## Exhaust Hoods



## Ventilation and Air Ducts



## Typical Installations



Typical mounting for standard unit is shown above. Capacitor and Inlet Ring are customer-installed options.

Typical mounting for inverted unit is shown above. Capacitor is a customer-installed option. Inlet Ring is factory installed, and mounting tolerances are not as critical as with customer-installed Inlet Ring.

For more information on Motorized Impellers contact Kooltronic or visit our website: [kooltronic.com](http://kooltronic.com)

**KOOLTRONIC CARRIES A FULL LINE OF AIR CONDITIONERS, HEAT EXCHANGERS, FANS, BLOWERS AND ENCLOSURE ACCESSORIES**



Heat Exchangers



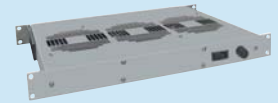
NEMA 4 or 4X Air Conditioners  
(480 Volt models available)



NEMA 12 Filter Fans



NEMA 4 or 4X Filter Fans



Fantrays



Basic Blowers and Packaged Blowers

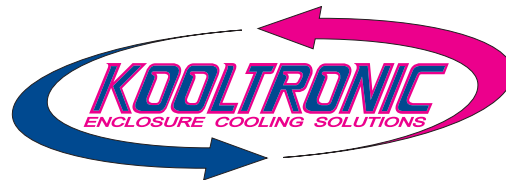


Custom Design



Enclosure Accessories

With over 60 years of service to its customers, Kooltronic is the leading manufacturer of air conditioners, heat exchangers, fans and blowers designed specifically to cool the interiors of enclosures containing heat sensitive components. We operate a complete manufacturing facility and sales office at our headquarters in Pennington, NJ.



Corporate Headquarters:  
30 Pennington-Hopewell Road  
Pennington, New Jersey 08534  
Phone: (609) 466-3400

[sales@kooltronic.com](mailto:sales@kooltronic.com)

[kooltronic.com](http://kooltronic.com)



Scan with your smart phone to visit [kooltronic.com](http://kooltronic.com)

