

Dayton®

INDUSTRIAL AIR CIRCULATORS

HVAC fact sheet



DAYTON VENTILATION

Industrial Air Circulators deliver spot cooling, ventilation and circulation for dependable cooling operation in hot environments. They service many environments including factories, warehouses, schools, storage facilities, greenhouses, military bases, and sporting events. These fans make it easy to cool any facility!

HOW TO IDENTIFY WHEN CIRCULATORS ARE NEEDED IN YOUR FACILITY

- Have you noticed a decrease in employee productivity during the summer months due to rising temperatures in your facility?
- Do your employees complain about the lack of air movement throughout your facility?
- Do you have processes/equipment in your facility which produce heat that would benefit from the use of air circulators?
- Do you have a process in your facility that creates a large amount of condensation that would benefit from the use of air circulators?
- Is the productivity of your business directly related to how fast a product or component can be cooled after a process?

If your answer is yes to one or more of the above questions, then Air Circulators may be the solution you are looking for! Your next step is to determine which type of air circulators you need.

HOW TO DETERMINE WHICH AIR CIRCULATOR TO SELECT






- What type of power do you have available in your facility?
- Does your air circulator need to be portable or stationary?
- What is the ambient temperature in the space where you wish to locate the air circulator?
- Are there any hazardous vapors or gases present in the space where you wish to locate the air circulator?
- Will your air circulator be located in an area that will be frequently washed down with high pressure cleaning?

Once you've answered these questions, you are ready to begin your air circulator selection process.








CATEGORY	APPLICATIONS	PRODUCT FEATURES AND BENEFITS
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AIR CIRCULATORS

High-Efficiency Variable-Speed 	Automotive Shop, Manufacturing Facility, Warehouse	<ul style="list-style-type: none"> Provide spot cooling, ventilation, and circulation in applications where energy efficiency is a concern Circulator head includes corrosion-resistant aluminum propeller Units allow 80% usable turndown Dual control for speed adjustment Delivers 1000 to 9375 CFM
115V Oscillating 	Factories, Warehouses, Manufacturing, Garages, Schools, Staging Areas, Classrooms, Auditoriums	<ul style="list-style-type: none"> Plugs into any 115V outlet and utilizes a three position pull chain switch so it can be controlled from the ground when mounted overhead Industrial Grade Oscillator allows circulator to swivel providing cooling throughout a 90° arc area Delivers 3055 to 12,500 CFM
115V 	Factories, Warehouses, Manufacturing, Garages, Schools, Staging Areas, Classrooms, Auditoriums	<ul style="list-style-type: none"> Plugs into any 115V outlet and utilizes a three position pull chain switch so it can be controlled from the ground when mounted overhead Delivers 3055 to 12,500 CFM
208V, 277V and 3-Phase 	Factories, Warehouses, Manufacturing, Garages, Schools, Staging Areas, Classrooms, Auditoriums	<ul style="list-style-type: none"> Energy Efficient high voltage circulators provide an economical way of cooling in Industrial applications Delivers 3055 to 12,500 CFM
Air Cannons 	Automotive Shop, Loading Dock, Manufacturing Facility, Warehouse	<ul style="list-style-type: none"> Designed to move high volumes of directed airflow at low velocity Heavy gauge, fully welded steel housing with protective gray powder coated finish Cast aluminum propeller Wide variety of mounting and mobility options Delivers 4300 to 16,100 CFM

SPECIALTY AIR CIRCULATORS

Washdown 	Beverage & Food Processing Facilities, Outdoors, Greenhouses	<ul style="list-style-type: none"> Dual voltage motors for multiple applications providing energy efficient cooling solutions Delivers 4700 to 10,001 CFM
Misting 	Restaurant Patios, Amusement Parks, Zoos, Outdoor Sporting Events	<ul style="list-style-type: none"> Plugs into any 115V outlet and utilizes a three-position pull chain switch so it can be controlled from the ground when mounted overhead Delivers 2900 to 9375 CFM
Greenhouse 	Horticulture, Greenhouse	<ul style="list-style-type: none"> Plugs into any 115V outlet and utilizes a three position pull chain switch so it can be controlled from the ground when mounted overhead Delivers 2875 to 6400 CFM
Hazardous 	Oil & Gas, Battery Rooms, Grain Dust	<ul style="list-style-type: none"> Dual voltage motors for multiple applications providing energy efficient cooling solutions Propellers are constructed of nonferrous spark resistant material Cast Aluminum Propeller Delivers 5486 to 12,500 CFM
Safety Yellow 	Manufacturing, Automotive	<ul style="list-style-type: none"> Plugs into any 115V outlet and utilizes a three position drop switch so it can be controlled from the ground when mounted overhead Highly visible alerting everyone of its presence Easy access to propellers for cleaning. Delivers 3800 to 9375 CFM

ACCESSORIES

Floor Pedestals, Mounting Brackets, Misting Hub Kit, Wheel Kit 	Provides mounting or mobility means for air circulators	<ul style="list-style-type: none"> Pedestals - adjustable height, closed or open base Mounting Brackets - for wall, ceilings, post, rafter, I-beam or column mounting Misting Hub Kit - provides a fine mist through evaporative cooling Wheel Kit - provides easy movement of air circulator closed base pedestals
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Find it at Grainger.



Call or visit your local branch or go to grainger.com/dayton or www.solutionsforair.com for complete product line information.

