

**MAXIMIZE EVERY**  
**BREATH.**  
**MAXIMIZE EVERY**  
**HARVEST.**

**IN-RACK AIRFLOW SYSTEM**



**UNIFORM  
AIRFLOW**

Eliminates hot & cold spots for consistent conditions at every rack level.



**STRONGER  
PLANTS**

Optimizes transpiration and CO<sub>2</sub> exchange for faster growth and higher yields.



**CLEANER  
GROWS**

Removable, washable duct socks help reduce pathogens and simplify cleaning.



**POWER  
SMARTER**

EC mixed-flow fans deliver maximum airflow with minimal energy use.

**BUILT FOR TODAY. ENGINEERED FOR TOMORROW.**

Precision air flow. Healthier crops. Bigger harvests.


**SEE THE DIFFERENCE.  
FEEL THE RESULTS.**

Better airflow.  
Better environment.  
Better bottom line.




**LET'S BUILD A BETTER  
GROW ENVIRONMENT.**

Contact us today to customize your In-Rack Airflow System.

 (815) 991-5010

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

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# PROVEN PERFORMANCE. MEASURABLE RESULTS.

## AIRFLOW TEST RESULTS – 10" SYSTEM

TEST CONFIGURATION	Average Air Velocity (FPM)			
	Distance Below	Center	12' Left	12' Right
Fan: 10" PF1010				
Duct Sock: 4" Ø	12"	451	415	423
Duct Length: 24'	24"	382	352	361
Fan Speed: 100%	36"	318	296	303

Testing performed in controlled environment. Results may vary by installation.



**10" 1060 CFM**



**12" 1628 CFM**

Velocity units: feet per minute (FFM) | Pressure at duct outlets: ~59 PSI

## FAN SPECIFICATIONS

MODEL #	FAN SIZE	MAX AIRFLOW	VOLTAGE	POWER	MOTOR TYPE
PF1010	10"	1065 CFM	382	352	361
PF1120	12"	1628 CFM	318	296	303

Testing performed in controlled environment. Results may vary by installation.



### CONSISTENT AIRFLOW

Uniform horizontal airflow eliminates hot and cold spots across every rack level.



### HEALTHIER CROPS

Improved transpiration and gas exchange lead to stronger, more vigorous plants.



### CLEAN & WASHABLE

Anti-microbial duct socks are removable and washable for a cleaner, healthier grow.



### POWER SMARTER

EC mixed-flow fans use less power while delivering maximum airflow.



### MODULAR DESIGN

Custom duct lengths and modular components adapt to any facility layout.



**MORE AIRFLOW.  
LESS ENERGY.  
MAXIMUM IMPACT.**

Engineered for efficiency.  
Built for results.

TAKE CONTROL OF YOUR ENVIRONMENT.

# BOOST YIELDS.

OUTPERFORM EXPECTATIONS.



**UNIFORM AIRFLOW**



**STRONGER PLANTS**



**CLEANER GROWS**



**LOWER COSTS**



**HIGHER YIELDS**