

prioAIR[®] Circular Duct Fans

Way More Power. Way Less Energy.



Highly efficient, compact, low-noise prioAIR®

Thanks to its revolutionary impeller with fully optimized air flow technology, prioAIR® can move enormous volumes of air with very low energy input in both AC and EC models. Moreover, it features a compact design and an extremely quiet performance.

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The most important advantages at a glance

- Low rated power and extremely high airflow
Your advantage: Maximum performance up to 1,137 cfm at .25"sp and low energy consumption up to 8.5 cfm/Watt
- Compact design
Your advantage: Little space required
- Solid, one-piece unit special composite material
Your advantage: No leakage, light weight, quick and easy to install

More efficiency, more airflow

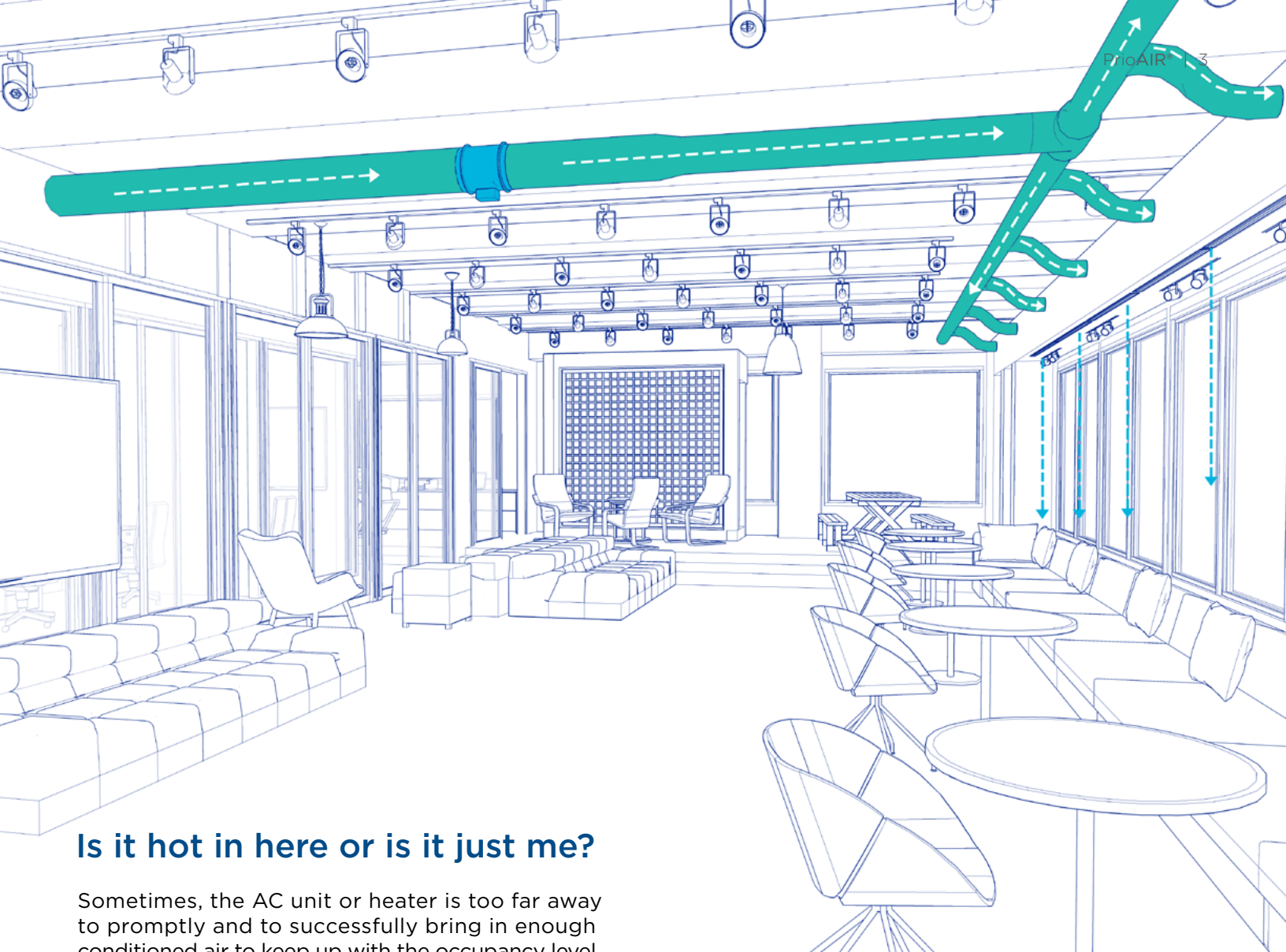
The prioAIR® discharge guide vanes are aerodynamically optimized to efficiently move air in an organized manner of flow as opposed to an unorganized delivery of pressure.

Specification data

		prioAIR® 6	prioAIR® 6 EC	prioAIR® 8	prioAIR® 8 EC	prioAIR® 10	prioAIR® 10 EC
Voltage	V	120	120	120	120	120	120
Phase / Frequency	- / Hz	1 / 60	1 / 60	1 / 60	1 / 60	1 / 60	1 / 60
Power	W	37	64	96	123	308	164
Current (FLA)	A	0.31	0.89	0.8	1.58	2.59	2.11
Airflow @ .25" sp	cfm	242	408	589	735	1,304	1137
Fan impeller speed	RPM	2,754	4,041	2,899	3,619	2,976	2,629
Maximum temperature of transported air	°F (°C)	131 (55)	131 (55)	131 (55)	131 (55)	131 (55)	131 (55)
Sound power level @ .25" sp (Inlet/Outlet)	dB	88 / -	78 / 76	92 / -	79 / 81	88 / 98	86 / -
Weight	lb	3.3	3.75	7.5	7.5	13.7	9.39
Insulation class, motor		B	B	B	B	F	F
Enclosure class	IP	44	44	44	44	44	44
Item #		49310	49314	49312	49316	56067	56068



Thanks to its compact size, the circular duct fan matches the duct dimensions.
A truly tiny inline solution.



Is it hot in here or is it just me?

Sometimes, the AC unit or heater is too far away to promptly and to successfully bring in enough conditioned air to keep up with the occupancy level in the room. If this is the case in your application, we recommend using a prioAIR® inline duct fan to supply conditioned air into the room and to keep everyone comfortable. The prioAIR® inline duct fans are quiet, powerful, and energy-efficient so you just feel the 'woosh' of air and can focus on the task at hand.

Looking for how the prioAIR® fits in to your next project? We offer BIM objects and CSI specs easily accessible on our website. Visit fantech.net to learn more.

Accessories



DHS05
494044
Humidity/
Fan Control



IPF05
484164
Speed
Control



WC 15
411102
Speed
Control



FC
411120, 411121, 411122
Mounting Clamps



FML
45148, 45149
Metal Hood
Supply Air



LD
411284, 411128, 411286
Silencer



RSK
411114, 411115, 411116
Backdraft Damper

Controls are compatible with all prioAIR® models
FC, FML, LD, and RSK sizes may vary depending on the prioAir model

Customer Support:

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