MAXAIR™

On-Board Dryer

Maximum Velocity Drying

MaxAir Technology for the LaserWash® G5 S-Series

PDQ's new **MaxAir™ On-Board Dryer** offers you all the benefits of MaxAir without the added bay space requirement of a stand-alone dryer.

MaxAir uses less energy, yet dries vehicles better than ever. The key is maximizing air velocity and flow. Through innovative design, the **MaxAir™ On-Board Dryer** delivers high-velocity air to the vehicle surface where it's most important. Plus the on-board dryer's open and efficient design is enhanced by less space requirement making it ideal for smaller wash bays.

Traveling in tandem with the wash bridge, the integrated on-board dryer operates immediately after the LaserWash® G5 S-Series completes the rinse cycle, producing high quality drying, uniform travel speed and an evenly distributed air pattern.

Your customers will enjoy dryer vehicles. You'll lower operating costs!

For a PDQ Distributor nearest you, call 1-800-227-3373 or visit us at www.pdqinc.com

MaxAir™ On-Board Dryer
delivers high-velocity air to the vehicle surface –
where it's most important.

PDQ Manufacturing, Inc. 1698 Scheuring Rd. De Pere, WI 54115 USA (920) 983-8333 • 1-800-227-3373 www.pdqinc.com

PDQ® Vehicle Wash Systems
A DOVER COMPANY

LaserWash® TOUCH FREE G5™ S-SERIES

MAXAIR™

Maximum Velocity Drying

How it works

The **MaxAir™ On-Board Dryer** utilizes concentrated air columns, air drafting, and an optimized array of blowers to deliver high-velocity air to the vehicle surface.

Concentrated Air Columns

MaxAir maximizes air velocity to the vehicle surface by using concentrated air columns. You see examples of this principle in action every day. To make a garden hose more effective, you concentrate the water flow to increase water impact. To make a flashlight brighter, you concentrate the light beam. The same concept applies to MaxAir. Concentrated air columns are achieved by using round discharging nozzles at the bottom of the dryer outlet. Round nozzles are more effective than square or rectangular ones. Nozzles that are not round tend to break up the airflow, causing more of the air to disperse and lose velocity as it travels through the surrounding air. By concentrating the air columns, MaxAir delivers high-velocity air to the vehicle surface – whether it's a tall SUV or low profile sports car.

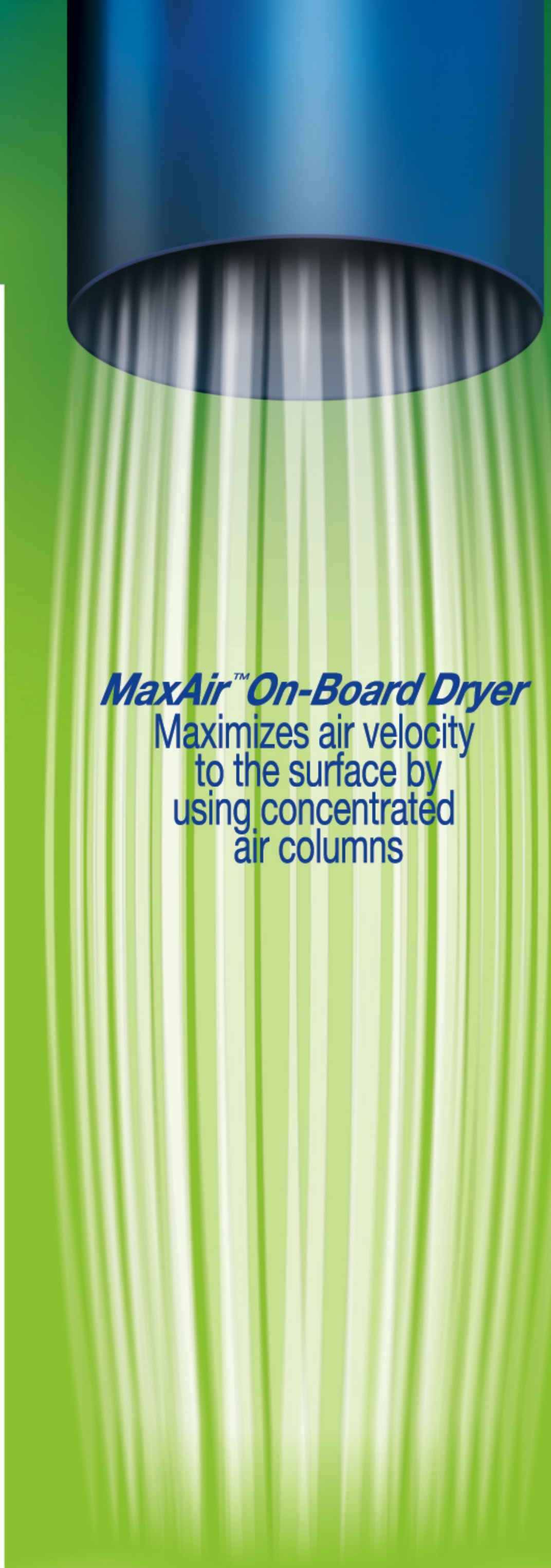
Air Drafting

MaxAir utilizes four stationary blowers with the two center blowers in line to take advantage of air drafting. Drafting is a technique used by racecar drivers that literally splits the air. However, drafting isn't limited to the world of motor sports. MaxAir also employs the technique. The first blower does the job of breaking the air, reducing the amount of wind resistance the trailing blower experiences. The trailing blower can now work on evaporating water off the vehicle surface.

Blower Positions

MaxAir blowers are strategically positioned to move water quickly off the vehicle surface using the shortest distance possible. When water droplets move on a vehicle, they split. The more they split, the smaller they become. Unfortunately, smaller water droplets are more difficult to move. With MaxAir, large water droplets move quickly off the vehicle sides rather than up and over the vehicle.

PDQ's new MaxAir Stand-Alone Dryer is truly something different. MaxAir effectively dries vehicles and efficiently minimizes energy consumption.



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Maximizes air velocity to the surface by using concentrated air columns

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