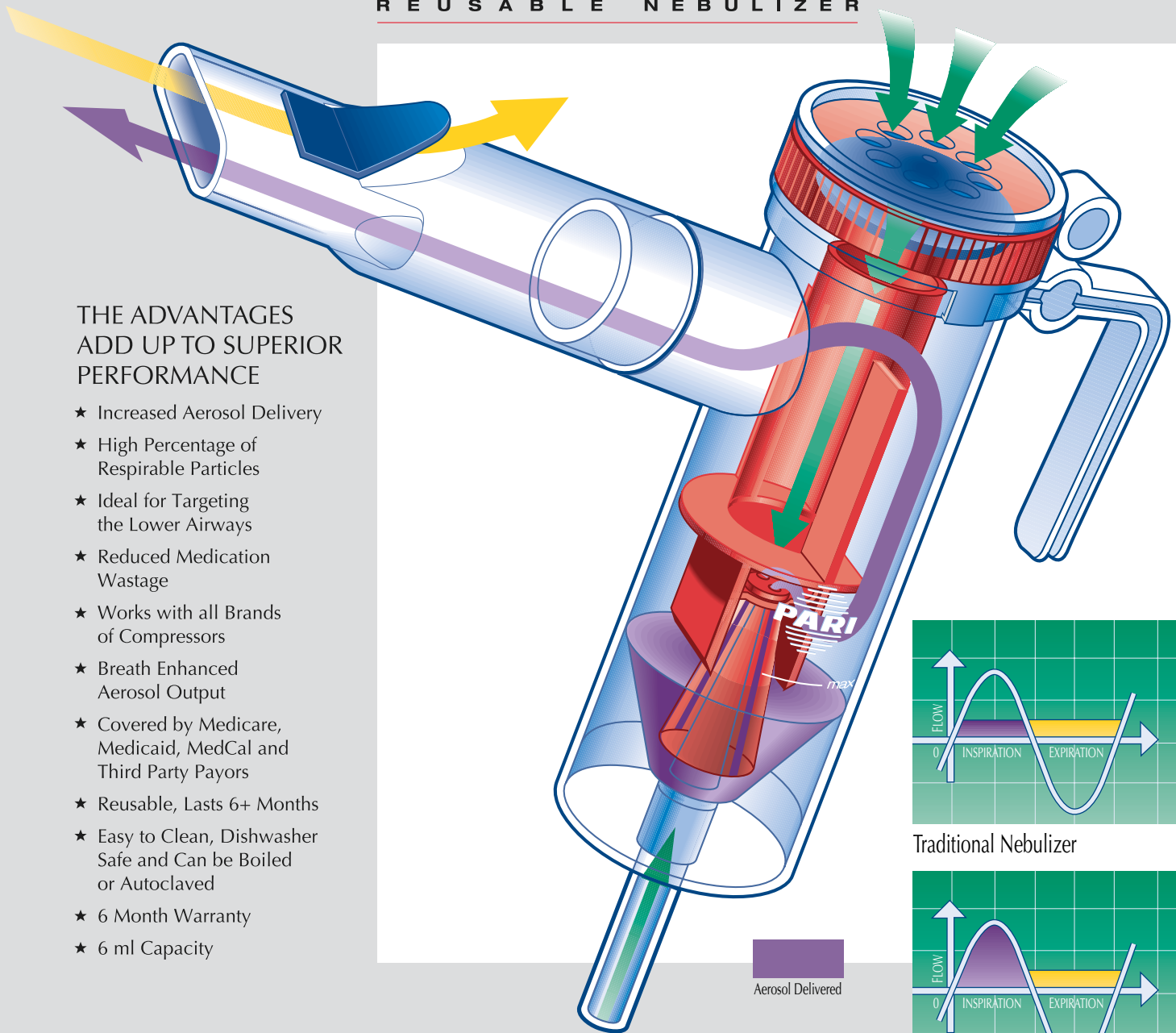


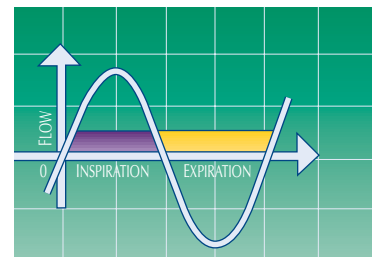
# EFFICIENCY THAT'S OUT OF THIS GALAXY

## PARI LC STAR® REUSABLE NEBULIZER

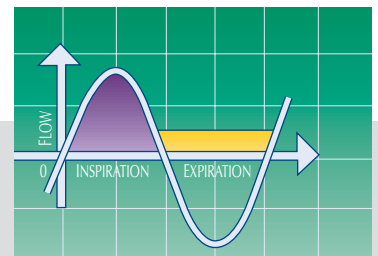


### THE ADVANTAGES ADD UP TO SUPERIOR PERFORMANCE

- ★ Increased Aerosol Delivery
- ★ High Percentage of Respirable Particles
- ★ Ideal for Targeting the Lower Airways
- ★ Reduced Medication Wastage
- ★ Works with all Brands of Compressors
- ★ Breath Enhanced Aerosol Output
- ★ Covered by Medicare, Medicaid, MedCal and Third Party Payors
- ★ Reusable, Lasts 6+ Months
- ★ Easy to Clean, Dishwasher Safe and Can be Boiled or Autoclaved
- ★ 6 Month Warranty
- ★ 6 ml Capacity



Traditional Nebulizer



PARI LC STAR Nebulizer

Aerosol Delivered

Aerosol Wasted



Specialists in effective inhalation

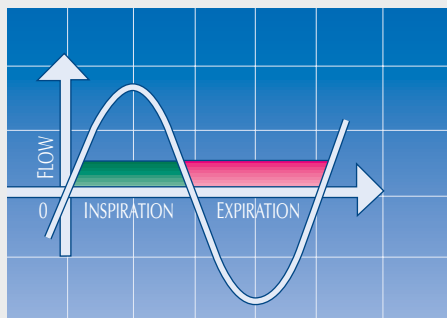
### PARI LC STAR® Reusable Nebulizer Performance

Compressor or Liter Flow	Total Output Rate	Average Treatment Time	MMAD	Mass % Below 5 microns	Mass % Below 2 microns
PRONEB® ULTRA Compressor	.44 ml/min.	6.5-8.0 min. <sup>1</sup>	2.9 µm	79%	23%
6 lpm	.52 ml/min.	5-5.7 min. <sup>1</sup>	2.5 µm	84%	43%
8 lpm	.58 ml/min.	4-6 min. <sup>1</sup>	2.0 µm	87%	45%

<sup>1</sup>Measured with Malvern MasterSizer X at 50% R.H., inspiratory flow 20 l/min., 25° C, fill volume 2.5 ml. continuous nebulization, real breathing conditions, 0.9% NaCl solution.

# LIGHT YEARS AHEAD OF TRADITIONAL NEBULIZERS

## TRADITIONAL "T" NEBULIZER



■ Aerosol Delivered ■ Aerosol Wasted

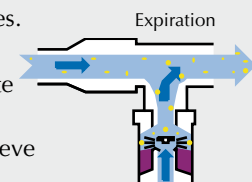
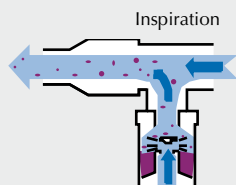
### FUNCTION:

Closed systems: aerosol output is not influenced by inspiratory flow.

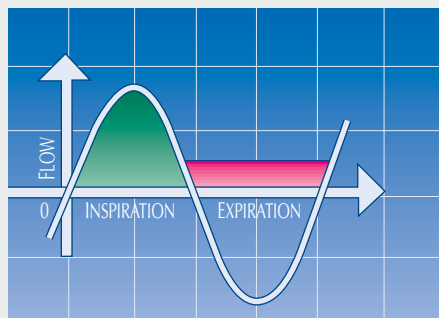
Continuous operation: about 50% of the drug is wasted during expiration.

### DISADVANTAGES:

- Dilution of aerosol by air entrainment throughout the inspiratory cycle.
- Low output rate, long treatment times.
- High operating pressure and flow (above 6 l/min) required for adequate aerosol delivery.
- More medication is required to achieve the required dose in the lungs.
- Drug delivery cannot be controlled.
- Disposable, designed to last only a few treatments.



## PARI LC STAR® REUSABLE NEBULIZER



■ Aerosol Delivered ■ Aerosol Wasted

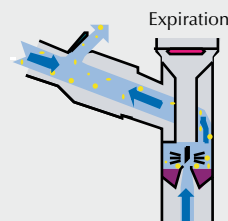
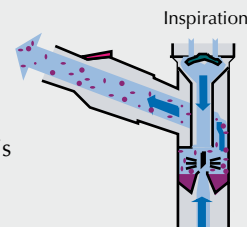
### FUNCTION:

Open vent system: aerosol output increases with inspiratory flow.

Output rate is controlled by the patient's breathing by means of a valve system during continuous nebulization.

### ADVANTAGES:

- + Efficient drug delivery.
- + Increases aerosol delivery, decreases aerosol wastage.
- + No interrupter, no hand-lung coordination required.
- + Reusable, lasts 6 + months.
- + Can be cleaned in the dishwasher, boiled, or autoclaved.
- + Repeatable performance.



MASK, ADULT (SOFT)  
PART NO. 14F20-PVC



BUBBLES THE FISH II™  
PEDIATRIC AEROSOL MASK  
PART NO. 44F7248



PARI BABY™ CONVERSION KIT  
SIZE 1, 1-11 MONTHS  
PART NO. 44F2401

SIZE 2, 1-3 YEARS  
PART NO. 44F2402

SIZE 3, 3+ YEARS  
PART NO. 44F3301

Leading pharmaceutical companies have exclusively used

**PARI** Reusable Nebulizers and Compressors

in clinical trials to determine safety and efficacy

for new respiratory medications, including:



• Pulmicort Respules®



• DuoNeb® and AccuNeb®



• Xopenex®



• TOBI®



• Pulmozyme®

Trademarks are the property of their respective companies.



PARI RESPIRATORY EQUIPMENT, INC.  
2943 Oak Lake Blvd. Midlothian, VA 23112-3998  
USA and CANADA 1.800.FAST.NEB (327.8632)  
Tel 804.253.PARI (7274) Fax 1.800.727.4112

www.PARI.com

E-mail ProductInfo@PARI.com

Respiratory CEU programs available

© 2005 PARI Respiratory Equipment, Inc.

