

## Nebulizer Storage Recommendations

June 2022

### Nebulizer Storage Comparison Chart (by Medication Name & Manufacturer)

Medication Name	Manufacturer	Refrigeration (Y or N)	Expiration date once foil pouch is opened	Specific Storage Recommendations	Source
Albuterol Sulfate Inhalation Solution	Nephron Mylan	N	7 days	Store unit-dose vials in protective foil pouch at all times. Once removed from the foil pouch, use vial within one week. Discard the vial if the solution is not colorless.	DailyMed
Albuterol Sulfate Inhalation Solution	RiteDose	N	30 days	Once the foil pouch is opened, the vials can be used for up to 30 days. Vials must be stored in foil pouch as product is light-sensitive.	Manufacturer
Ipratropium Bromide Inhalation Solution	Nephron	N	No information available from manufacturer regarding expiration upon opening.	Protect from light. Store in pouch until time of use.	DailyMed
Ipratropium Bromide/Albuterol Sulfate	Nephron	N	7 days	Store in protective foil pouch at all times. Once removed from foil pouch, the vials should be used within one week.	DailyMed
Levalbuterol Inhalation Solution	Amneal Teva	N	2 weeks once pouch is opened If vials are removed from the pouch, they must be protected from light and used within 1 week	Protect from light and excessive heat. Keep unopened vials in the foil pouch. Once the foil pouch is opened, the vials should be used within 2 weeks. Vials removed from the pouch, if not used immediately, should be protected from light and used within 1 week.	DailyMed
Levalbuterol Inhalation Solution 1.25mg/0.5ml	Teva	N	Use Immediately	These are single unit dose vials, use immediately once foil pouch opened.	DailyMed

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Budesonide Inhalation Suspension 0.25mg/2ml	Cipla	N	2 weeks	When an envelope has been opened, the shelf life of the unused ampules is 2 weeks when protected. After opening the aluminum foil envelope, the unused ampules should be returned to the aluminum foil envelope to protect them from light. Any opened ampule must be used promptly.	DailyMed
Aformoterol Tartrate (Brovana) Inhalation Solution 15mcg/2ml	Cipla (generic) Sunovion (brand)	Y	Unit dose vials. Use immediately upon opening foil pouch.	Store arformoterol tartrate inhalation solution in the protective foil pouch under refrigeration at 36°-46°F (2°-8°C). Protect from light and excessive heat. After opening the pouch, unused unit-dose vials should be returned to, and stored in, the pouch. An opened unit-dose vial should be used right away. Discard any unit-dose vial if the solution is not colorless. Unopened foil pouches of arformoterol tartrate inhalation solution can also be stored at room temperature 68°-77°F (20°-25°C) for up to 6 weeks. If stored at room temperature, discard if not used after 6 weeks or if past the expiration date, whichever is sooner.	DailyMed

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Formoterol Fumerate (Perforomist) Inhalation Solution 20mcg/2ml	Teva (Generic) Mylan (Brand)	Y	Individually wrapped vials	Vial should always be stored in the foil pouch, and only removed IMMEDIATELY before use.  Store in a refrigerator at 2°C to 8°C (36°F to 46°F) and discard when drug expires or store at room temperature, 20°C to 25°C (68°F to 77°F) and discard if not used after 3 months. Protect pouch from light and heat.	DailyMed