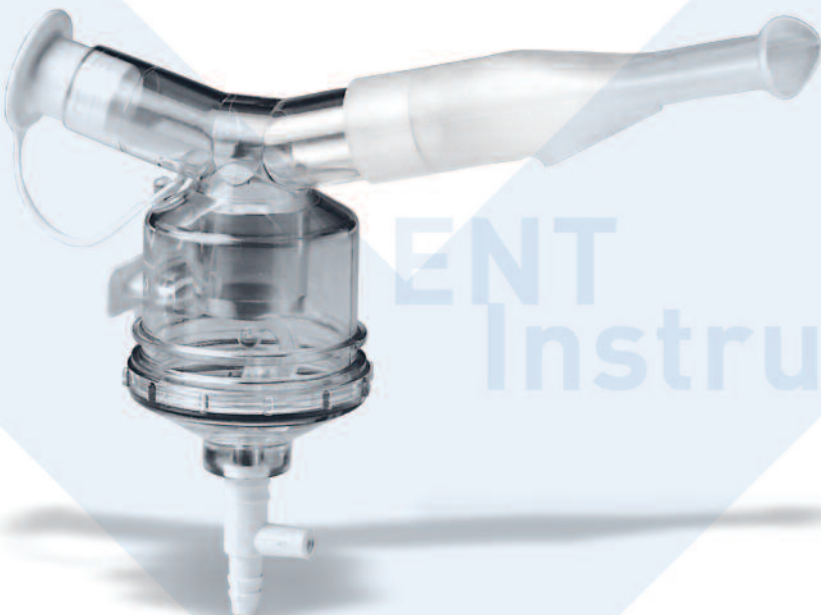
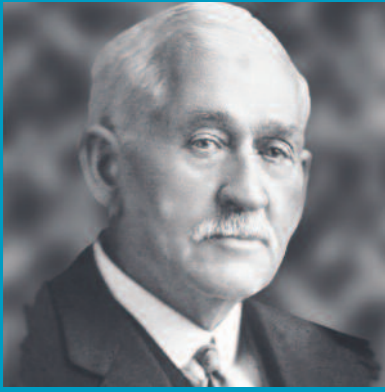




Professional ENT Instruments



ENT  
Instruments



## Allen DeVilbiss, M.D.

In 1888 he founded DeVilbiss Manufacturing.

Allen DeVilbiss was a country doctor with simple values. The kind of doctor who tried to make life easier for the folks he treated by finding better ways to care for them. Such was the case more than a century ago when he developed the first DeVilbiss atomizer, which made it possible to spray medication in a patient's nose and throat, and eliminated the necessity for unpleasant and inefficient swabbing.

While the new atomizer was an instant success, the market at that time seemed to be limited, and Dr. DeVilbiss could not find anyone who would manufacture the device. As a result, he formed an individual proprietorship — known as The DeVilbiss Manufacturing Company, in Toledo, Ohio — to make the atomizer. Soon he perfected and patented an adjustable tip to control the spray, which tremendously increased its usefulness.

The DeVilbiss Model 15 Atomizer, one of the first models manufactured in the new company, is still made today by DeVilbiss Healthcare in Somerset, Pennsylvania.

## DeVilbiss Atomizers



First produced in the early 1900s, features the same adjustable swivel tip and vented nasal guard that made it as popular then as it is today.

### Model 15-RD

- Metal atomizer with adjustable tip for directing spray up or down to reach inaccessible areas of the throat
- Can be used with or without nasal guard
- Used for nose and throat treatment — hand bulb
- Basically, all types of oil or water solutions can be used that are compatible with nickel plating
- Used in colleges and laboratories for experimental testing
- Metal banded tubes and spray tips (sold separately) are used by research laboratories



This 1.4 ounce capacity atomizer produces a fine mist that is ideal for nose and throat treatments, decubitus ulcer care, and wound cleansing.

### Model 151

- A vacuum or venturi-type atomizer that can be operated by one of the following: compressed air, a No. 1 hand bulb or the No. 630 cut-off assembly
- Designed for use with aqueous solutions
- Precise control and application of topical anesthetics
- All types of oil or water solutions can be used that are compatible with rhodium and nickel plating
- Produces fine mist without force
- Small tube may be inserted well into nasal passages
- Removable spray tube for ease in sterilization
- Top consists of all metal construction
- Used in decubitus ulcer treatments, debridement of wounds, and wound cleansing
- Use by E.N.T. doctors, research laboratories, veterinarians, burn centers, wound care facilities, emergency rooms



The Model 286-RD Atomizer is designed especially for applying a fine mist to nasal and oral cavities and for administering an oral vaccine.

### Model 286-RD

- Ultra-fine particle atomization of most medical solutions
- Straight flow tip is easily disassembled for cleaning
- Suitable for applying fine, medicated spray to nasal and oral cavities, or oral vaccines
- May be used with compressed air, the No. 1 bulb or Model 630 Bleeder-Type cut-off
- Constructed of polypropylene material for spraying solutions incompatible with metal
- Popular with treatment of animals and veterinary clinics and is used for testing in laboratory research
- Used by E.N.T. doctors, research laboratories, veterinarians, burn centers, wound care facilities, emergency rooms



Adjustable Metal Tip



The Model 163 Atomizer offers one of our most consistent sprays for aqueous or viscous solutions. The adjustable tip helps direct the fine spray precisely where needed, and the all-metal top is autoclavable.

### Model 163

- Designed for quick change and replacement of spray tube
- Tight-fitting "O" ring ensures consistent spray
- Metal spray tube may be sterilized after each use
- All types of oil or water solutions can be used that are compatible with rhodium and nickel plating
- Adjustable tip permits up or down spray for aqueous solutions of heavier viscosity
- May be operated by a No. 630 Bleeder-Type cut-off assembly or a No. 1 bulb
- Used for decubitus ulcer treatments, debridement of wounds, and wound cleansing
- Used by E.N.T. doctors, research laboratories, veterinarians, burn centers, wound care facilities, emergency rooms

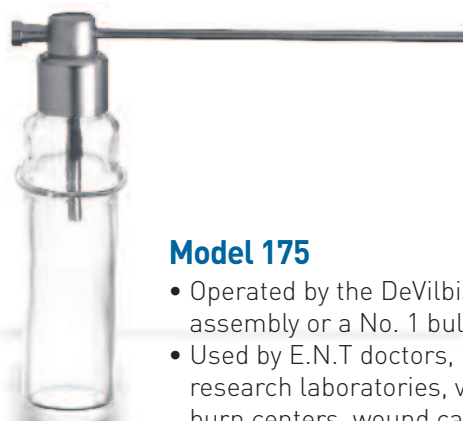
## DeVilbiss Powder Blowers



General-purpose insufflator can be used for decubitus ulcer treatments, debridement of wounds, and wound cleansing.

### Model 119

- Ideal for applying an even diffusion of any powder to nose, throat, ear, tooth sockets, body orifice, and surfaces
- Curved spray tube for ease and convenience of applications
- Used by E.N.T. doctors, medical doctors, research laboratories, veterinarians, burn centers, wound care facilities, emergency rooms



### Model 175

- Operated by the DeVilbiss No. 630 cut-off assembly or a No. 1 bulb
- Used by E.N.T. doctors, medical doctors, research laboratories, veterinarians, burn centers, wound care facilities, emergency rooms



## DeVilbiss Nebulizers



Model 45 hand-held spray nebulizer delivers aerosol particles of uniformly consistent density deep into the lungs. The break-resistant nebulizer easily disassembles for sterilization.

### Model 45

- Used for treatment of asthmatic patients
- Designed for comfortable administration of fine mists of uniform density to reach deep into lung cavity
- Converts liquid (i.e. antibiotic, oil extracts, etc.) into aerosol
- Used in respirator and mask test fit kits, and bulk shipped as item 4510
- Break-resistant nebulizer that easily disassembles for sterilization by using one of the following methods: autoclaving, boiling or cold sterilization
- Polycarbonate plastic nebulizer may be used with or without mouthpiece (No. 25-31-605)
- Complete with mouthpiece, extra jet, and bulb
- MMAD 5 microns
- 5cc capacity
- Used by research laboratories



The Model 646 Nebulizer converts liquid into aerosol via high velocity, compressed air stream. Used in conjunction with a DeVilbiss brand compressor, it delivers consistent aerosol particles to the lungs of COPD patients.

### Model 646

- Used with a DeVilbiss brand compressor for treatment of asthmatic patients
- Designed for comfortable administration of fine mists of uniform density to reach deep into lung capacity
- Unique "T" piece allows patient to leave nebulizer in mouth while exhaling
- Attaches to aerosol face mask or face tent and can be hand operated or compressed air driven with a DeVilbiss brand compressor
- Break-resistant nebulizer that easily disassembles for sterilization by using one of the following methods: autoclaving, boiling or cold sterilization
- Polycarbonate plastic nebulizer may be used with or without mouthpiece (No. 25-31-605)
- MMAD 5 microns
- 5cc capacity
- Comes complete with tubing, activator valve, mouth piece, and extra jet

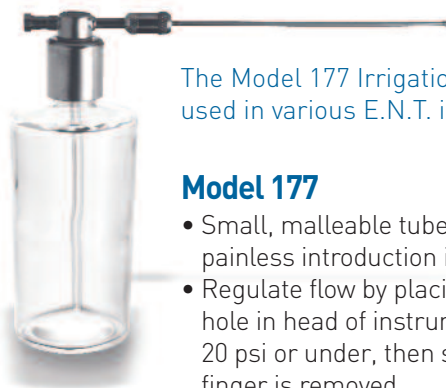


Operated by hand bulb or compressed air, the Model 180 Nebulizer is especially practical for administering vaporized medication to sensitive nasal passages.

### Model 180

- Very practical nebulizer for use where vapor instead of spray is indicated for treatment of sensitive nasal cases
- Specially suited for solution with oil or glycerin base medications
- Good for deep-seated conditions of lower respiratory tract or very sensitive nasal tract
- All types of oil or water solutions can be used that are compatible with rhodium and nickel plating
- Vented nasal guard restricts development of undesirable pressure, and small and large plain guards are provided for inflation purposes
- Used by E.N.T. doctors, research laboratories, veterinarians

## DeVilbiss Irrigation Syringe



The Model 177 Irrigation Syringe is efficiently used in various E.N.T. irrigation procedures.

### Model 177

- Small, malleable tube permits deep, yet painless introduction into external ear canal
- Regulate flow by placing finger over small hole in head of instrument; if air pressure is 20 psi or under, then stream will stop when finger is removed
- Used by E.N.T. doctors, medical doctors, research laboratories, veterinarians
- Can be operated by the No. 630 or a No. 1 bulb

# DeVilbiss Accessories

## Model 630 — Bleeder-Type Cut-Off Assembly

Includes five feet of translucent surgical tubing (630-605) and provides a convenient method for operating many DeVilbiss instruments. Designed for use with DeVilbiss air compressors. Placing thumb over bleeder hole introduces compressed air into instrument. Also available in seven-and-a-half foot length (630-90).



## Model 624

A convenient holder for DeVilbiss professional instruments. Handmade, walnut wood, four-hole rack for office use or with the portable E.N.T. HandiPak Kit.

## RhinoGuard™ Atomizer Tip Cover

The RhinoGuard atomizer tip cover is designed to prevent cross contamination and its associated risks.

Inexpensive and convenient to use, the disposable RhinoGuard™ protectors fit the tips of DeVilbiss Atomizer models 15, 163, 180, and 286 – our most popular models.

Precision-molded of soft, flexible polymer, the protectors help prevent trauma and seal the nasal passage during use. The flared shield reduces splash-back for improved clinician protection. The RhinoGuard atomizer tip cover helps keep the atomizer's tip in the correct location during use – helping meet the challenge of treating pediatric and other active patients.



Its unique design enables more efficient administration of fine sprays. RhinoGuard atomizer tip covers are available in a convenient storage and dispenser box of 250 non-sterile protectors and refills of 100 quantity.

### RhinoGuard™ Tip Covers

Product Number	Description	Sale Unit
RG100	RhinoGuard™ Tip Covers Refill Pack	100
RG250	RhinoGuard™ Tip Covers Dispenser Box	250

## Pulmo-Aide® Compact Compressor/Nebulizer



### Specifications

#### DeVilbiss Pulmo-Aide® Compact

#### Compressor/Nebulizer Specifications

Size	7.5"W x 4"H x 7.2"D (19.1 cm x 10.2 cm x 18.3 cm)
Weight	4.8 lb (2.18 kg) (base unit)
Operating Voltage	115 VAC, 60 Hz, 2.5 A
Power Consumption	140 watts (maximum)
Max. Compressor Pressure	35 psig* or greater (241 KPA)
Max. Compressor Liter Flow	8 lpm* or greater
Warranty	5 years limited

#### Nebulizers

Operating Pressure	9-13 psig
Liter Flow	5-8 lpm
Capacity	up to 6 ml (cc)
Nebulization Rate	0.15-0.35 ml/minute
MMAD	5 microns

#### Atomizers

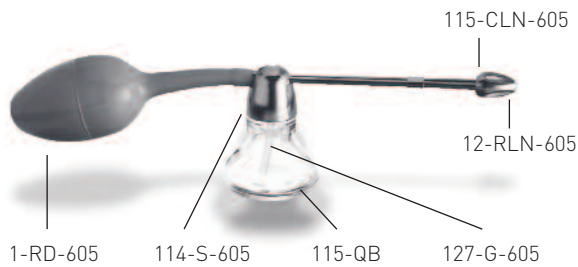
Operating Pressure	
Model 151	18 psig*
Model 163	10.5-11.0 psig*
Model 286-RD	11-16 psig*
Liter Flow	
Model 151	7 lpm*
Model 163	8 lpm*
Model 286-RD	5-7 lpm*
Atomization Rate	
Model 151	13 ml/min. or greater
Model 163	21 ml/min. or greater
Model 286-RD*	10 ml/min. or greater

\* Conditions may vary based on altitude above sea level, barometric pressure changes.

### Additional Parts

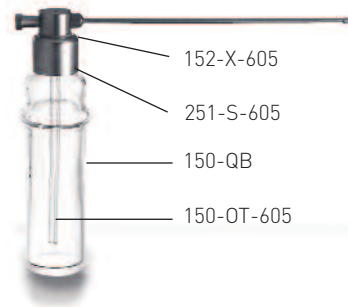
PART NUMBER	PRODUCT DESCRIPTION	FOR USE WITH
42-S-605	Rubber Gasket (5 pack)	Models 45, 4510, 646
45-404-605	Nebulizer Accessory Pack (5 Pack)	Models 45, 4510, 646
45-5-605	Fluid Jet (5 pack)	Model 45
642-7-605	Finger Valve (5 pack)	Model 646
7427D-605	Disposable Tubing (5 pack)	Models 646, 800G
40-TR	Adapter and Nasal Tip Assembly	Models 45, 4510, 646





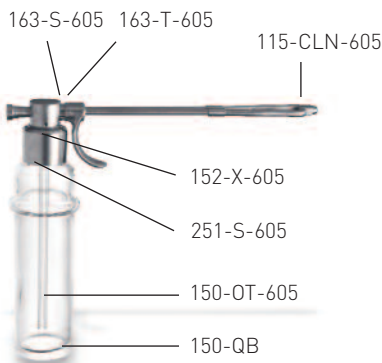
## Model 15-RD

1-RD-605	Bulb for atomizer model 15-RD, 286-RD
114-S-605	Washer for atomizer models 15-RD, 119, 177
115-QB	Bottle for models 15, 119, 177
127-G-605	Outlet tube for models 15, 119
12-RLN-605	Nasal guard
115-CLN-605	Adjustable spray tip for models 15, 163



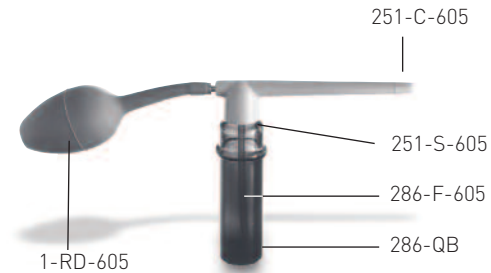
## Model 151

150-QB	Bottle for models 151, 163, 175, 180
150-OT-605	Outlet tube for models 151, 163
152-X-605	Washer. White Teflon® for models 151, 163, 175, 177, 180
251-S-605	Black washer for 151, 163, 175, 180, 286-RD



## Model 163

115-CLN-605	Adjustable spray tip for models 15-RD, 163
152-X-605	Washer. White Teflon® for models 151, 163, 175, 177, 180
150-OT-605	Outlet tube for models 151, 163
150-QB	Bottle for models 151, 163, 175, 180
163-T-605	Large gray washer 2-9 size
163-S-605	Small gray washer 2-6 size
12-RLN-605	Nasal guard (not pictured, see 15-RD)
251-S-605	Black washer for 151, 163, 175, 180, 286-RD



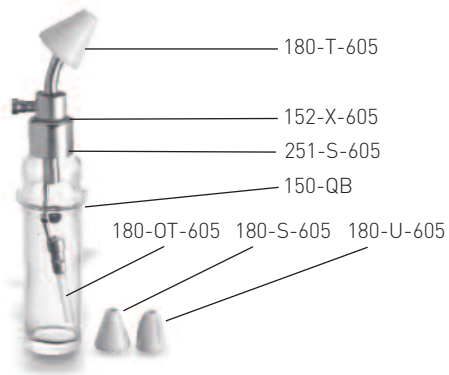
## Model 286-RD

286-F-605	Outlet tube
286-QB	Amber bottle for model 286-RD
286-RD-602	2 cap and 1 bulb pkg for model 286-RD
251-C-605	Spray tip for model 286-RD
251-S-605	Black washer for 151, 163, 175, 180, 286-RD
1-RD-605	Bulb (sold separately)



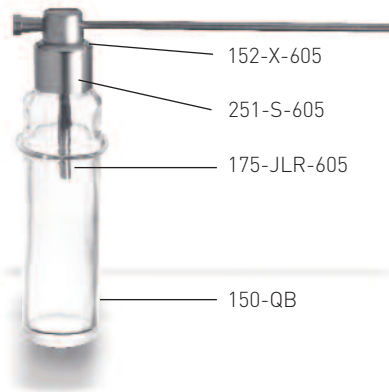
## Model 13-RD

13-RD-605	Plastisol Mini Politzer Bulb with Plastic Valve
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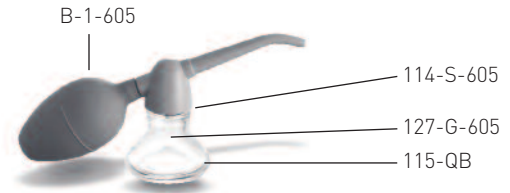
### Model 180

150-QB	Bottle for models 151, 163, 175, 180
152-X-605	Washer. White Teflon® for models 151, 163, 175, 177, 180
180-S-605	Small plain nasal guard
180-T-605	Large plain guard
180-U-605	Vented guard
180-OT-605	Outlet tube
251-S-605	Black washer for 151, 163, 175, 180, 286-RD



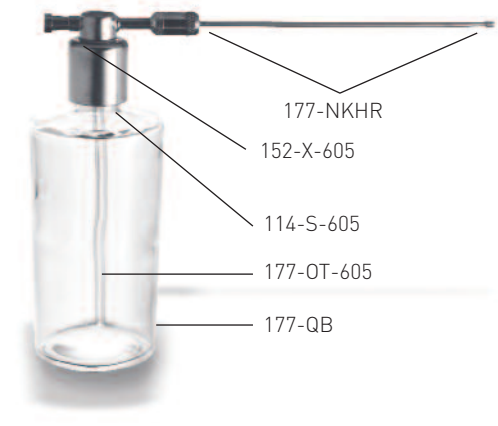
### Model 175

150-QB	Bottle for models 151, 163, 175, 180
175-JLR-605	Outlet tube
152-X-605	Washer. White Teflon® for models 151, 163, 175, 177, 180
251-S-605	Black washer for 151, 163, 175, 180, 286-RD



### Model 119

B-1-605	Bulb for model 119
114-S-605	Washer for atomizer models 15-RD, 119, 177
115-QB	Bottle for models 15-RD, 114, 119
127-G-605	Inlet tube for replacement, order No. 127-G and cut to correct length



### Model 177

177-NKHR	Spray tip assembly
177-OT-605	Outlet tube
177-QB	6 oz bottle
152-X-605	Washer. White Teflon® for models 151, 163, 175, 177, 180
114-S-605	Large black washer 15-RD, 119, 177