

As seen on



# COMFORT & HEALTH



... are only two  
of the reasons  
you should bring  
electrode steam  
**humidification**  
into **your** home.



RESEDELUX

Steam outlet to duct or blower pack

Electronics



# RESDELUX

Commercial quality electrode steam humidifiers for your home

Disposable cylinder



Impurities, sludge, scale and minerals in the water supply are conveniently deposited into a disposable plastic cylinder, that is easy to remove and replace. A light on the unit indicates when the cylinder needs replacement. Installation requires only a potable water supply, water drainage and regular 110-120 or 208-240V power.

Automatic fill

Automatic drain

Status indication light

**Nortec**  
www.humidity.com



**condos  
homes  
cottages  
lofts  
suites**

# THE MOST ACCURATE AND EFFICIENT HOME HUMIDIFIER AVAILABLE

NOW you can enjoy the convenience and comfort of the new RESDELUX electrode steam humidifier in your home or condo from the world leader in commercial electrode steam humidification... NORTEC!

NORTEC's RESDELUX home humidifiers employ state-of-the-art electronic technology to deliver clean and reliable humidity for your own personal comfort. Simply set the relative humidity level, and let the integrated electronic controller take over, maintaining the humidity in your home automatically with unsurpassed accuracy.



- ▶ Pure, clean, sterile steam humidification
- ▶ Easy cleaning using disposable cylinder
- ▶ Auto-adaptive technology adapts to changing water conditions
- ▶ Automatic fill and drain cycles

# THE IMPORTANCE OF HAVING A RESEDELUX HUMIDIFIER IN YOUR HOME

## Comfort and health

Studies show correct interior humidity levels minimize the spread of bacteria and viruses avoiding the problems associated with dry throats and nasal passages during the winter months while also keeping your skin supple.

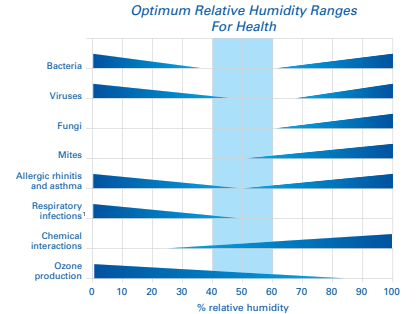
Nortec's RESEDELUX electrode steam humidifiers remove calcium and minerals from the water used so only clean, pure steam is added to indoor air, making the air in your home healthier to breathe.

## Protect valuable furnishings, instruments and art

Wood and upholstered furniture, drapes, carpets and other fabrics around your home will all deteriorate more rapidly if they get too dry or too wet. They need correct humidity to maintain their shape and strength. The same goes for fine art and expensive musical instruments, especially pianos, organs, violins and related strings and woodwinds. Paintings, carvings, antiques and other art treasures deserve your special attention, too.

## Reduce static electricity

Prevent those annoying static electricity shocks in the winter time by keeping your house humidified using Nortec's RESEDELUX.



<sup>1</sup>Insufficient data above 50% RH.  
E.M. Sterling, Criteria for Human Exposure to Humidity in Occupied Buildings, 1985 ASHRAE.



## Home/Sizing Chart

Recommended maximum home size sq.ft (sq.m)\*

| Type of construction  | RESDELUX Unit |            |
|---|---------------|------------|
|   | 110-120/1     | 208-240/1  |
| <b>Tight house:</b><br>Half an air change per hour;<br>Outside air 0°F (-17.9°C) and 80% R.H. | 2865 (266)    | 5760 (532) |
| <b>Average house:</b><br>One air change per hour;<br>Outside air 20°F (-6.7°C) and 80% R.H.   | 1913 (178)    | 3825 (356) |
| <b>Loose house:</b><br>Two air changes per hour;<br>Outside air 31°F (-0.6°C) and 80% R.H.    | 1455 (135)    | 2910 (270) |

\* Does not include internal moisture gains. Based on 8ft (2.44m) ceiling height. Based on 75°F (23.9°C) 30% R.H. space design conditions

### Steam distribution options:

**Built-on or remote mounted blower pack:** The RESDELUX with blower pack is a self-contained unit with its own fan and steam distributor allowing humidification directly in the space.

**Duct distribution nozzle:** The RESDELUX with duct nozzle is usually installed into forced air ducts or in centralized heating systems to allow steam dispersion in the air before it enters the room to be humidified.

### Control options:

**Wall mounted humidistat,** recommended to automatically control the humidifier operation.

**Duct mounted high limit,** recommended in duct applications to ensure the unit will not humidify the duct more than 85% R.H.

**Air proving switch,** recommended in duct applications to ensure the unit will not humidify unless air is circulating in the duct.



## RESDELUX Specifications



| Specification                             | Voltage/phase  |                      |
|---|--|----------------------|
|   | 110-120/1  | 208-240/1            |
| <b>Wiring connection</b>                  | Cord or Hardwired  | Hardwired            |
| <b>Max Kw</b>                             | 1.4  | 2.76                 |
| <b>F.L.A. (full load amps)</b>            | 11.5   | 11.5                 |
| <b>Fuse disconnect size</b>               | 15   | 15                   |
| <b>Standard Min-Max Capacities:</b>       |  |                      |
| lbs/hr (kg/hr)                            | 1-4 (0.45-1.8)   | 2-8 (0.9-3.6)        |
| Gallons per day (liters per day)          | 2.9-11.5 (11.0-43.5)                                     | 5.8-23.0 (22.0-87.0) |
| <b>Unit dimension without blower pack</b> | 18.7" (47.5 cm) H x 11.2" (28.5 cm) W x 6.5" (16.5 cm) D |                      |
| <b>Unit dimension with blower pack</b>    | add 6.25" (15.9 cm) to height of unit                    |                      |
| <b>Unit weight</b>                        | 25 lbs (11kg)  |                      |

RESDELUX humidifiers are only one of the many leading edge technologies offered by NORTEC, an industry leader in gas-fired, subsonic air nozzles, ultrasonic nozzles and steam injection humidification.

Authorized Dealer:

# AxAir Nortec

a WMH Company

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