

Respiratory Therapy

A new full range of OMRON compressor nebulisers for whatever the occasion: At home, in the car or on holiday - with OMRON's nebulisers you always have the right choice.

The reliable long-life CompAIR™ for the at-home user, the CompAIR™ Pro for the professional user and the CompAIR™ Elite when 'on the road' - as it can even be used in the car.

The CompAIR™ compressor range from OMRON uses our NEW and unique Nebuliser Kit with its innovative valve technology.

The V.V.T. Nebuliser Kit (Virtual Valve Technology V.V.T.) opens and closes with your breathing, thus matching your breathing pattern.

This reduces drug wastage while you are breathing out and increasing the drug availability when you breathe in. The function principle and flow directions of the V.V.T. Nebuliser Kit can nicely be seen at the V.V.T. animation on our homepage

(www.omron-healthcare.com - Respiratory Therapy Products - Compressor Nebulisers - V.V.T. chamber animation).

All the nebulisers offered by OMRON can deliver both solution and suspension drugs (except NE-U17) with a high efficiency as they have a low residual volume. They also produce aerosol particles of the right size enabling the drug to deeply penetrate into the respiratory system.

Furthermore, their easy operation and unique design make the OMRON nebulisers the right choice for everyone - you will experience it.

MicroAIR™ (NE-U22)



The OMRON MicroAIR™ NE-U22 is a truly portable, pocket-size inhaler that will fit in any hand-bag or briefcase. It works for approx. 8 Days (30 minutes each day) on just two penlight batteries (AA size), so you don't need to recharge it after every treatment. The simple one button operation immediately starts nebulisation and therefore enables you to start immediately with your medication. Your medication is always within reach wherever you go, whatever you do.

- Mesh Technology
- 4 hours nebulisation time on 2 batteries
- Virtually noiseless
- Wide medication compliance
- Handy carrying case
- Various angles for inhalation possible
- Simple one-button operation
- Low medication residue
- 2 penlight batteries included
- Hygienic - easy to clean

w38 x d51 x h104 mm

CompAIR™ Elite (NE-C30-E)



The unique go anywhere anytime nebuliser from OMRON. The smallest compressor nebuliser ever from OMRON. The unique low flow technology of the new OMRON jet nebuliser means you can go on holiday with OMRON's smallest compressor in your bag for safe convenient nebulisations. The CompAIR™ Elite is the nebuliser for all occasions, at home, in the office or away on holiday. You can use it in your car, caravan, on your boat or on the train or plane.

- Truly portable
- Smallest OMRON compressor ever
- V.V.T. nebuliser technology
- Optional rechargeable battery pack

w124 x d103 x h52 mm

CompAIR™ (NE-C28-E)



The unique combination of the NEW OMRON CompAIR™ Compressor with the Virtual Valve Technology (V.V.T.) means more of the aerosol is a respirable size and available to the patient to inhale. The V.V.T.'s unique design means there are fewer parts to lose, less parts to clean. Higher hygiene and easier maintenance results. When not in use, the Nebuliser Kit rests on a hold on the main compressor unit.

- Waterprotected switch
- Energy efficient system
- V.V.T. nebuliser technology
- Convenient holder for Nebuliser Kit
- Handy carry bag
- Handy shaped Nebuliser Kit
- Easy to attach and detach tube connectors

w170 x d182 x h103 mm

CompAIR™ Pro (NE-C29-E)



The CompAIR™ Pro the hospital and home care choice with its convenient storage area to keep the Nebuliser Kit tidied away while not in use. Easy to clean and maintain with full support training and servicing available through the local dealer or your OMRON trained service center. Reliable OMRON quality inside.

Practical choice of all your respiratory care needs at home or in the clinic.

- Waterprotected switch
- Quality aerosol every time
- V.V.T. nebuliser technology
- Wide application of use for all your drug needs

w186 x d180 x h216 mm

NE-U17 (NE-U17-E)



Being one of the most recent and advanced developments in ultrasonic nebulisation, the OMRON NE-U17 offers great advantages in respiratory treatment. This unit is designed for heavy duty clinical use and is even capable to run continuously for up to 72 hours. It operates completely silently and offers advanced output controls. The backlit display and easy-to-read indicators make the use of this device remarkably simple.

- High-volume Ultrasonic Nebuliser for humidification or medication therapy
- Variable output up to 3 ml/min
- For clinical applications
- Very quiet
- Backlit display shows settings and timer
- Wide variety of (optional) accessories

w276 x d226 x h243 mm



Range comparative features table

	MicroAIR _™	CompAIR _™ Elite	CompAIR _™	CompAIR _™ Pro	NE-U17
Electrical	3 VDC/230VAC 50 Hz	AC/DC 110-240V 50/60 Hz	220-240V 50/60 Hz	220-240V 50/60 Hz	230VAC 50 Hz
Power consumption	1.5 W	12 W	138 VA	138 VA	80VA
Storage Air pressure	700-1060 hPa	700-1060 hPa	700-1060 hPa	700-1060 hPa	860 to 1060 hPa
Particle Size (approx. MMAD)	5 µm	3.0 µm	3.0 µm	3.0 µm	5 µm
Appropriate Medication Quantities (Min-Max)	1-10 ml	2-7 ml	2-7 ml	2-7 ml	5-150 ml
Residual volume:	0.1 ml	0.7 ml	0.7 ml	0.7ml	5 ml
Sound	< 5db	53 db	60 db	60 db	< 5db
Nebulisation Rate (by weight loss)	>0.25 ml/min	0.35 ml/min	0.4 ml/min	0.4 ml/min	2.4-3.8 ml/min
Aerosol Output (2ml, 1%NaF)		0.35 ml	0.4 ml	0.4 ml	0 - 3 ml
Aerosol Output rate (2ml, 1%NaF)		0.05 ml/min	0.06 ml/min	0.06 ml/min	0-1 ml/min
Aerosol % < 5 µm	50%	75%*	70%*	70%*	50%
Batteries	2 x AA	Rechargeable	No	No	No
Battery running time	4 hours	10 mins X 3	n/a	n/a	n/a
AC adapter	Yes	Yes	No	No	No
External dimensions:	W38 mm D51 mm H104 mm	W124 mm D103 mm H52 mm	W170 mm D182 mm H103 mm	W186 mm D180 mm H216 mm	W276 mm D226 mm H243 mm
Weight:	0.3 kg	0.44 kg	1.9 kg	2.3 kg	4.0 kg
Operating conditions:	10° ~ 40°C, 30% ~ 85% RH	10° ~ 40°C, 30% ~ 85% RH	10° ~ 40°C, 30% ~ 85% RH	10° ~ 40°C, 30% ~ 85% RH	5° ~ 40°C, 30% ~ 85% RH

* Estimated.

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Blood Pressure Monitors • Thermometers • Nebulisers
Body Composition Monitors • Electronic Nerve Stimulators • Step Counters

Consult us - we'll be glad to advise you

www.omron-healthcare.com

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OMRON Nebulisers Range leaflet



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A Good Sense of Health

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