

COMPRESSOR NEBULIZER - MODEL NE-C25



Features:

- Effective delivery of medication
- High nebulisation rate ensures optimized treatment duration
- Easy to operate and maintain
- Compact and travel convenient

Efficient Nebulizer Kit:

The nebulizer kit provides a dense aerosol in the therapeutic range. It has a 6ml medicine cup and leaves minimal residual medication.

Compact Design:

Compact sporty design and powerful delivery makes NE-C25 the product of choice for those who demand affordability and performance.

Specifications:

Model	NE-C25
Type	Non-heating compressor nebulizer
Electrical	230V, 50Hz model
Power Consumption	230V/ 50Hz model 85W
Nebulizer Rate	0.2 ml/min (average, under typical condition)
Particle Size	MMD approximately 5 μ m (based on EN13544-1)
Medication Cup Capacity	6 ml (cc) max.
Appropriate Medication Quantities	2-6 ml (cc)
Operating Temperature / Humidity	10°C to 40°C, 10% to 90% RH
Storage Temperature / Humidity	-25°C to + 60°C, 10% to 95% RH
Weight	Approx. 1.7 kg
Dimensions	Approx. 158 (W)× 100 (H)× 175 (D) mm
Contents	Compressor, Jet Air Nebulizer, Air Tube, 5 pcs Replacement Filters, Mouthpiece, Adult Mask, Child Mask, Carrying Bag, Instruction Manual.

COMPRESSOR NEBULIZER - MODEL NE-C28



Summary of Omron NE-C28 Compressor Nebulizer (White)

Key Features

Compressor Nebulizer

7ml Medication Capacity

3 micro m Particle Size

Piston Pump Design

Average Nebulization Rate of 0.4 ml /min

Operating Air Flow Rate 3.5 L/min

3 micro m MMAD

With the improved and advanced technology incorporated by Omron NE-C28 Compressor Nebulizer, you can manage and treat your asthma, COPD and other respiratory conditions effectively and at your

convenience. The portability of the nebulizer allows you to utilize the device even if you are traveling. This compressor nebulizer converts liquid medication into a fine air borne mist, which can be easily and effectively inhaled through a mask or mouthpiece, just by breathing naturally.

The **Omron compressed nebulizer features Virtual Valve Technology (V.V.T.)** allowing you to exhale through your mouthpiece. The valve effectively synchronizes breathing with nebulization, hence reducing medication wastage. This virtual valve is safer as compared to the silicon valves used in other conventional nebulizers, as it is easy to clean therefore preventing the possibility of infection.

Body

Designed to meet ease of use and comfort needs, the nebulizer machine is **compact and portable**. This compressor nebulizer consists of four main components comprising of the compressor unit, air tube, medication cup and mouthpiece along with face masks, which are used as an alternate interface.

Engineered to quickly aerosolize the medication with precise delivery, the compressor unit is **efficient and reliable**. This unit has an easy to operate control buttons and a hose that connects the unit to the mouthpiece and the medication cup. The piston pump built in the compressor unit is designed to ensure **prolonged durability and a quiet operation**. The air tubes are durable and efficiently carry the compressed air to the medication cup.

The medication cup is capable of holding 7 ml of medication solution. The mouthpiece is comfortable for you to inhale the medication deep into your lungs without wasting the medication.

Performance and Features

Operating with an average nebulization rate of 0.4 ml, this device has a **high nebulization rate** ensuring optimized treatment duration. The gas that flows through the medication solution has a high velocity, as the **gas flows at a rate of 3.5 l per minute**. The particle size is 3 μm , hence enabling a quicker delivery, as the tiny size of the particle makes it practicable for it to enter your lower airways with ease. The Mass Median Aerodynamic Diameter (MMAD) is 3 μm . The MMAD is

the average of the distribution of aerosol mass with respect to aerodynamic diameter.

The NE-C28 compressor nebulizer by Omron operates soundly at a temperature ranging from 10 to 40 deg Celsius and humidity ranging from 30 to 85% RH. The nebulizer machine can be ideally stored at a temperature ranging from 25 to 60 deg Celsius with a humidity ranging from 10 to 95% RH. This compressor nebulizer operates on electricity with a power supply of 230 V and 50 Hz and consumes 82.8 W of power.

Specifications of Omron NE-C28 Compressor Nebulizer (White)

IN THE BOX	
Sales Package:	Compressor unit, Nebulizer kit, Mouthpiece, Child Mask, Adult Mask, Tubing, Spare filters, Carrying case, Illustrated manual, Warranty information
PRODUCT DETAILS	
Type:	Nonheating compressor nebuliser
Model ID:	NE-C28
Model Name:	Compressor
Color:	White
Brand:	Omron
DIMENSIONS	
Height (cm):	10.3 cm
Width (cm):	17 cm
Depth (cm):	18.2 cm
Weight (gram):	1900 g

MEDICAL SPECIFICATIONS	
Operating Air Flow Rate:	3.5 L/min
Mmad (micro m):	3 µm
Medication Capacity (ml):	7 ml
Average Nebulization Rate (ml/min):	0.4 ml/min
Particle Size (micro m):	3 µm
DEVICE CHARACTERISTICS	
Operating Temperature Range Max(DegC):	40 °C
Storage Temperature Range Min(DegC):	25 °C
Storage Temperature Range Max(DegC):	-20 °C
Storage Humidity Range Min(%RH):	10 % RH
Storage Humidity Range Max(%RH):	95 % RH
Operating Humidity Range Max(%RH):	85 % RH
Operating Humidity Range Min(%RH):	30 % RH

Humidity Range Min(%RH):	
Operating Temperature Range Min(DegC):	10 °C
POWER REQUIREMENTS	
Power Required:	230V 50 Hz
Power Source:	Electricity
Power Consumption:	82.8 W