



# Servo-air NIV Liberating performance

– with a wall gas independent  
non-invasive ventilator



# Time to breathe easy

For patients requiring respiratory support, every bit of reclaimed independence is an important step towards recovery.

That's why we strive to give you the control and precision you need to support your ventilated patients throughout your hospital.

Servo-air® NIV is easy to use and independent from compressed air and external power supplies. It makes owning, learning and using quality ventilation even more attainable.

With its versatility for ICU to intermediate care, Servo-air NIV provides liberating performance for the entire team. We have now included High Flow therapy in Servo-air NIV and added CO<sub>2</sub> as an option.



# Ventilation can be complicated. But the ventilator doesn't have to be.

## Easy to use

Equipped with an intuitive touchscreen, Servo-air NIV makes it easy to get started and builds confidence with every use. The context-based guidance supports you throughout pre-use check, initial parameter setting and the entire treatment.

## Uninterrupted ventilation

Servo-air NIV is designed to move with you. The battery-powered turbine eliminates the need for heavy gas cylinders, making it easier to move your patients around the hospital. The batteries are hot-swappable and easy to change, even during transport. Their remaining power is displayed in minutes instead of the typical percent to give you a more accurate estimate.

## New CO<sub>2</sub> monitoring option

To measure carbon dioxide levels in real time during expiration (capnography), Servo-air NIV comes with an easy-to-use

CO<sub>2</sub> monitoring option. It helps you to improve the ventilation quality and efficiency for your patients.

## Non-invasive ventilation (NIV)

Gentle treatment with NIV reduces the need for patient sedation. With the sensitive trigger and gentle flow, thanks to the extremely quiet turbine technology, you can help keep your patients comfortably ventilated. With NIV, you also have the ability to silence selective alarms, providing a more peaceful environment.

## High Flow therapy

There is no need to interrupt the ventilation of your patient when switching over to High Flow therapy. You don't have to switch to another device or change tubing sets. Nebulization is also possible during High Flow therapy.



Adjust the screen to your working position or for protection during transport.



### Preparing

Pre-use check is performed during stand-by. On-screen help, with images and text, guides you at every step. Servo-air NIV is a turbine-driven NIV ventilator, independent from wall gas and external power supplies.



### Setting up

On-screen instructions help you choose between modes. Dynamic images show how each adjustment affects the ventilation. An intuitive user interface and on-screen instructions make setup even easier.



### Running

Uninterrupted quiet Non Invasive ventilation with high pressure and high flow capacity, yet gentle and responsive for pediatric and adult patients. No need to switch to separate High Flow therapy system.



### Mobility

A NIV, turbine-driven ventilator, independent from external power supplies gives you a versatile solution for everything from ICU to Intermediate care and for intrahospital transport.

# Taking the stress out of ownership – optimizing uptime, efficiency and service



Getinge Care remote services saves time and money when service calls can be handled directly via the phone.

## Smart fleet management

We know what a difference lowering the lifecycle operational cost of equipment can make for you. Servo-air NIV is a strong option to work alongside ventilators that offer more advanced lung-protective tools, such as Servo-u®. Servo-air NIV provides a wall gas independent solution with a similar look, feel and serviceability to complement and expand your therapy options. With the optional MSync connection, you can send data in accordance with the HL7 standard and feed the data to your hospital information system (PDMS/EMR).

## Keeping costs down

Servo-air NIV helps facilitate high staff efficiency with its intuitive interface, which might result in less training time. No need of another device for High Flow therapy. You can also use the same tubing sets for HfT as for conventional ventilation. Turbine lifetime is validated to 50,000 hours, or 10 years. It has few parts to clean, is built for simplified maintenance and is based on top-quality

components from the Servo family. These help ensure a long product lifetime with maximum uptime. With software options you can easily upgrade a Servo-air NIV with invasive ventilation modes.

## Protect your investment with Getinge Care

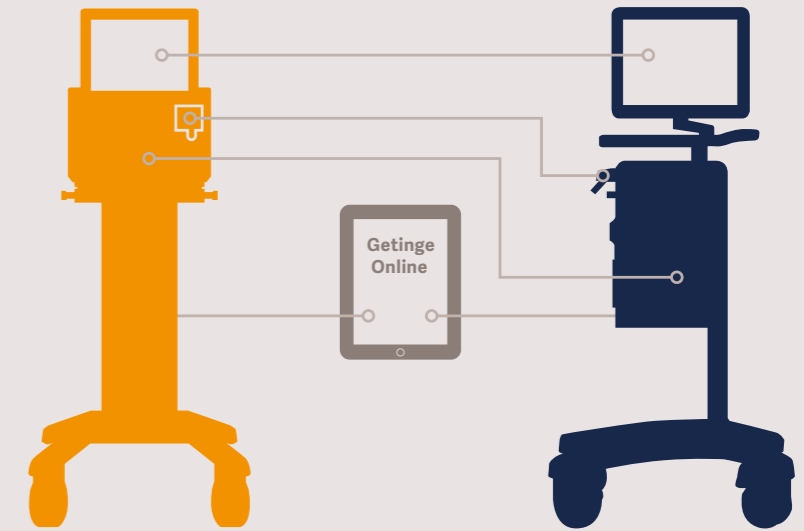
A Getinge service agreement maximizes the long-term value of your investment. Our four levels of service packages are designed with your hospital's success in mind to ensure your Getinge equipment always delivers peak performance.

Maximizing uptime does not have to break your budget. By following a routine preventive maintenance schedule, Getinge service agreement keeps things running smoothly with minimal interruption. And if something should need urgent attention, our certified field service representatives will be there to deliver original parts, maximizing the lifespan of your equipment.

## Similar look, feel and serviceability across your ventilation fleet

The wall gas independent Servo-air, Servo-air NIV and the advanced Servo-u have similar user-friendly interfaces. They also share many components, have the same interchangeable patient cassettes and come with the same easy-access service structure.

You can get a complete installed base overview and status in Getinge Online, accessible from a tablet, allowing more efficient fleet management.



### Servo-air NIV ventilator specifications

Patient type	Adult, pediatric
Ventilator type	Turbine driven Wall gas independent ventilator

### Non-invasive ventilation

Pressure support	0–60 cm H <sub>2</sub> O
PEEP	2–20 cm H <sub>2</sub> O
Max leakage compensation, adult	Inspiratory ≤240 l/min* Expiratory ≤65 l/min
Max leakage compensation, pediatric	Inspiratory ≤240 l/min* Expiratory ≤25 l/min

\*≤180 l/min with 100% O<sub>2</sub> concentration

### Ventilation modes

	NIV PS
	NIV PC

### Miscellaneous information

Screen	12" TFT color touchscreen
Battery	Lithium-ion, 2 h standard, 4 h optional, hot-swappable
External device interfaces	2 x RS232, USB, remote alarm, Ethernet
H x W x D	275 mm x 375 mm x 350 mm
Weight	17 kg

### Therapies and tools\*

	High Flow therapy
	Servo Compass®
	CO <sub>2</sub> Analyzer

### Invasive ventilation modes—options

Tidal volume	100–2000 ml, adult 20–350 ml, pediatric
Inspiratory flow	≤240 l/min
Maximum airway pressure	100 cm H <sub>2</sub> O
Respiratory rate	4–100 breaths/min, adult 4–150 breaths/min, pediatric
PEEP	0–50 cm H <sub>2</sub> O
Trigger	Flow and pressure
Available modes	PC
Not all modes are available in the standard configuration. Please contact your local Getinge representative for information on standard and optional modes.	VC
	PS/CPAP
	SIMV (VC) + PC
	SIMV (PC) + PS
	PRVC
	SIMV (PRVC) + PS
	VS
	Bi-Vent/APRV
	Automode

### Other functionality

Nebulizer	Aerogen, integrated
O <sub>2</sub> boost, adjustable	+0–79 %, ≤1 min
Data displayed	Parameters, 3 waveforms, 3 loops, respiratory mechanics, trended data, settings, logs, alarm limits, system information
Trend	72 hours
Recordings	Screen shots, 30 s video



Getinge is a global provider of innovative solutions for operating rooms, intensive care units, sterilization departments and for life science companies and institutions. Based on our firsthand experience and close partnerships with clinical experts, healthcare professionals and medtech specialists, we are improving the everyday life for people, today and tomorrow.

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Manufacturer · Maquet Critical Care AB · Röntgenvägen 2 SE-171 54 Solna · Sweden · +46 (0)10 335 73 00

[www.getinge.com](http://www.getinge.com)