SERVO-air
Liberating performance

- with a wall gas independent ventilator

GETINGE ✳

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® 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 and non-invasive and invasive ventilation, SERVO-air provides liberating performance for the entire team.

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

Easy to use

Comfort using technology and efficient use of time are always critical in healthcare settings. SERVO-air 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

Things move fast in the clinical environment, and SERVO-air is designed to keep up. The battery-powered turbine eliminates the need for heavy gas cylinders, allowing SERVO-air to follow the patient more easily throughout 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.

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

"It's like having a textbook in the machine."

Clinician during testing.

READY

SET

GO

FREE

Preparing
Pre-use check is performed during stand-by. On screen help, with images and text, guides you at every step.

Setting up
On-screen instructions help you choose between modes. Dynamic images show how each adjustment affects the ventilation.

Running
The automatic calculation and trending of VT/PBW* give you a continuous ventilation target while checklists and shortcuts help you manage alarms.

Weaning
AUTOMODE® helps your patients transition into spontaneous breathing and weaning. The 72-hour measured trends help you provide follow-up care.

*tidal volume per kilogram of predicted body weight

Building on a legacy of performance

The whole SERVO family is designed to optimize the interaction between patient and ventilator for better comfort and performance.

SERVO-air can be used for non-invasive and invasive ventilation without changing the breathing circuit, only the patient interface.

Gentle non-invasive ventilation (NIV) reduces the need for patient sedation and a separate NIV ventilator. 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.

With invasive ventilation, the combination of high-flow and high-pressure with a precise and accurate delivery allow you to ventilate any patient. The various modes give you the possibility to adapt ventilation to each situation.

Goal-directed ventilation and smooth transitions give you the ability to adapt to each patient. The VT/PBW helps you set and monitor the correct tidal volume for each patient for individualized treatment. AUTOMODE switches between controlled and supported ventilation depending on patient effort, providing smoother patient transition to spontaneous breathing with less staff intervention.
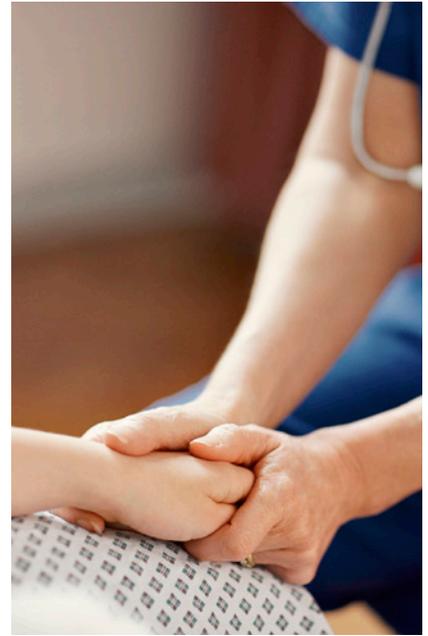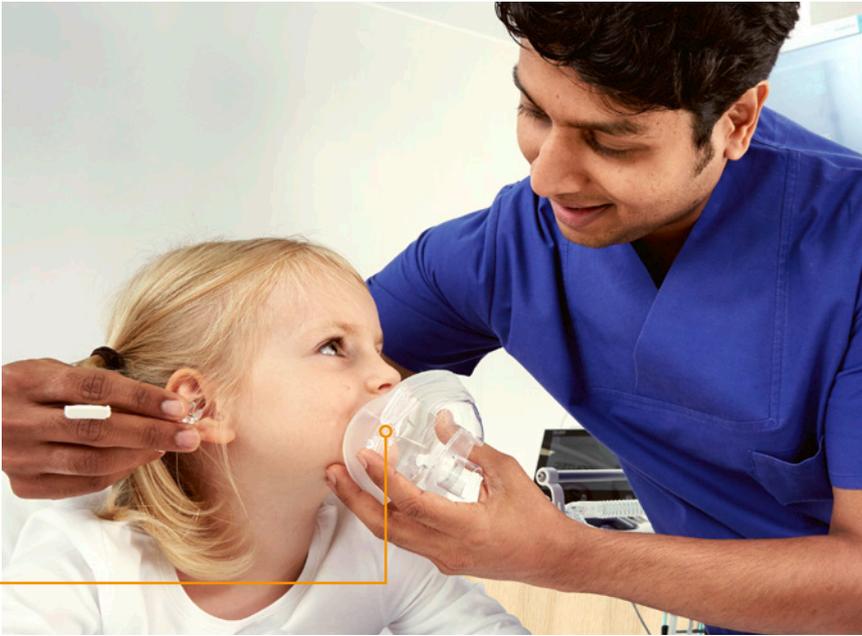
Smooth transitions to spontaneous breathing thanks to Automode.

Goal-directed ventilation with tidal volume per kilogram of predicted body weight.

Taking the stress out of ownership

- optimizing uptime, efficiency and service

Smart fleet management

We know what a difference lowering the lifecycle operational cost of equipment can make for you. SERVO-air is a strong option to work alongside ventilators that offer more advanced lung-protective tools, such as SERVO-U®. SERVO-air 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 helps facilitate high staff efficiency with its intuitive interface, which might result in less training time. 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.

Protect your investment with Getinge Care

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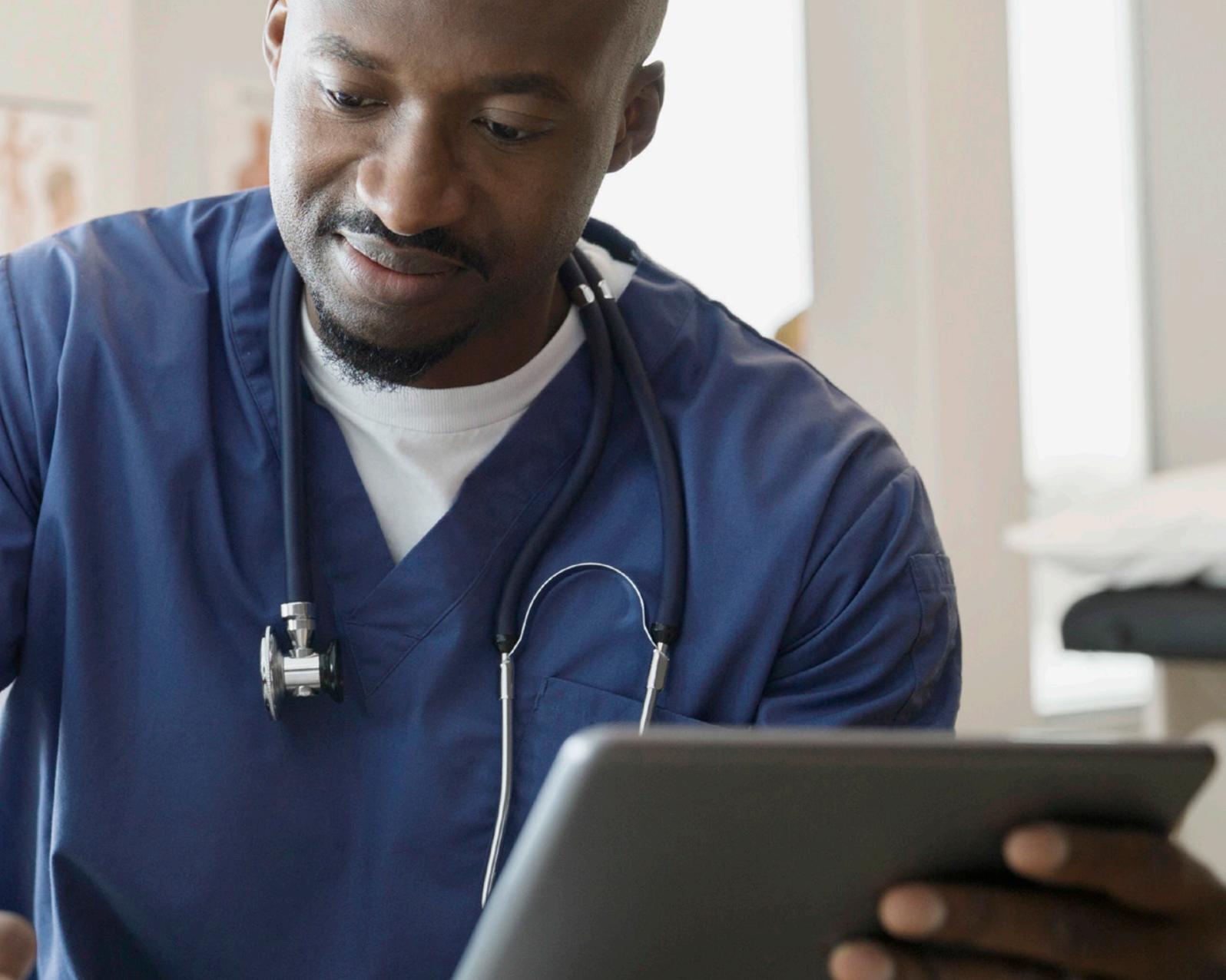
Getinge Care remote services saves time and money when service calls can be handled directly via the phone.

Similar look, feel and serviceability across your ventilation fleet

The wall gas independent SERVO-air 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 fleet status overview from the Getinge Care portal, accessible from a tablet, allowing for more efficient fleet management.

Getinge Care Portal
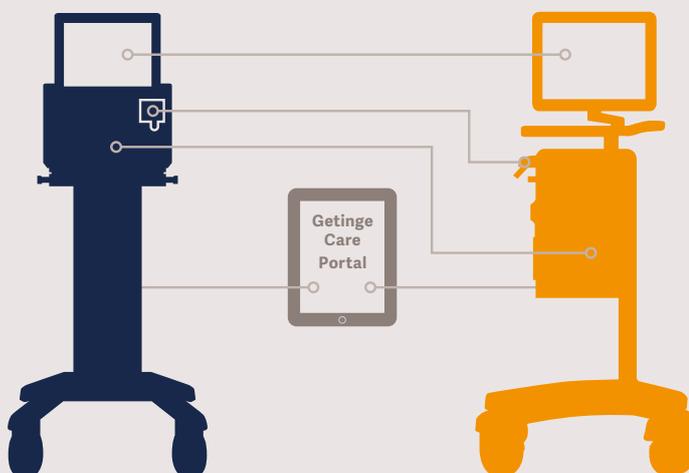
Technical specifications

SERVO-air ventilator specifications

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

Invasive ventilation

Tidal volume	100–2000 ml, adult 20–350 ml, pediatric
Inspiratory flow	≤240 l/min
Maximum airway pressure	100 cmH$_2$O
Respiratory rate	4–100 breaths/min, adult 4–150 breaths/min, pediatric
PEEP	1–50 cm H$_2$O
Trigger	Flow and pressure

Non-invasive ventilation

Pressure support	0–60 cmH$_2$O
PEEP	2–20 cmH$_2$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$_2$ concentration

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	15 kg

Ventilation modes

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) + PS
	SIMV (PC) + PS
	PRVC
	SIMV (PRVC) + PS
	VS
	Bi-Vent/APRV
	Automode
	NIV PS
	NIV PC

Other functionality

Nebulizer	Aerogen, integrated
O$_2$ 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

*1–60 breaths/min in SIMV

Ergonomic handles

Context-based
guidance

Adjustable screen

High-flow and high-
pressure capacity

One-piece
interchangeable
expiratory cassette

Independent of
compressed air

Quiet turbine

Hot-swappable
batteries

Easy mobility

GETINGE ✳

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.

This document is intended to provide information to an international audience outside of the US. SERVO-air may be pending regulatory approvals to be marketed in your country. Contact your Getinge representative for more information.

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

www.getinge.com