Ramp down 
ventilator off at the end of therapy can be quite support (e.g. COPD patients), turning the 
For patients who need greater levels of pressure 
for comfort 
Further customisation 
AutoEPAP – that can tailor therapy to individual breathing needs. Automatically adapting

Lumis introduces IntelligentAir: a collection of ResMed technologies – iVAPS, iBR and 
Individually responsive with IntelligentAir
to help ease patients into spontaneous breathing.

To deliver the right volume of 
Pressure Support (iVAPS): intelligent Volume-Assured 
Pressure Target alveolar ventilation 
To give patients maximum 
breathing 
(iBR): allows spontaneous 
intelligent Backup Rate 
AutoEPAP: addresses 
the presence of significant leak. 
EPAP increases 
EPAP gradually decreases 
AutoEPAP increases 
AutoEPAP decreases 
AutoEPAP addresses 
Ventilation needs may vary according to 
Nasal pillows, Full Face, CPAP mask, or BiPAP mask, and will filter the air to the patient.

Further personalise each patient’s therapy, and streamline your inventory with compatible ResMed Air Solutions accessories.
Lumis is a non-invasive ventilator series designed for non-dependent patients with respiratory insufficiency. Every Lumis device is set up to enable personalised ventilation easily, so you can use one device series to customise therapy for a range of patient conditions. Individually-responsive technologies automatically monitor and adapt to changing patient needs to deliver personalised therapy. And with built-in wireless connectivity, Lumis makes it easy for you to monitor your patients’ progress and customise their settings remotely to continue to meet their unique therapy needs.

Elegant design
The user interface on Lumis ventilators has been designed with you and your patients in mind: it’s intuitive and simple to navigate. It’s easy to view and personalise patient comfort settings, as well as gain valuable insight into their progress with a sleep report at the end of every session.

Automatic humidification
When used with a humidifier™ and ClimateLineAir™ heated tube, Lumis delivers automatic humidification: Climate Control Auto. This mode comes pre-set with the temperature and humidity levels designed for optimal comfort, so you can set your patients up to receive all the benefits of humidification instantly – no settings to change, and no complicated menus to navigate.

Personalisation simplified
Lumis’ QuickNav™ feature gives you a low-touch solution to therapy adjustment. By simply double-clicking the home button on the device, you can quickly and easily toggle between the Settings and Monitoring screens, so you can instantly check the impact of adjustments you make on the patient’s therapy. Two Lumis models feature a set of fixed and adjustable alarms for extra reassurance, and to help you personalise therapy for your patients.

Built-in simplicity
Lumis displays your patient’s SpO₂ and pulse rate on screen even before therapy has begun, so you can personalise the ventilator settings to suit their needs. Lumis also offers Essentials mode for patients who want to receive their therapy without worrying about settings or menus. They can simply press Start and the ventilator takes care of the rest.

Connected care, better insight
As well as delivering individualised ventilation to your patients, Lumis keeps you easily ‘connected’ with their progress, so you can continue to provide customised care. With wireless connectivity built into every Lumis device, each patient’s therapy data can be seamlessly and securely sent to AirView™, ResMed’s cloud-based patient management system. Via AirView you can gain timely access to the most recent therapy statistics and trend data, enabling you to take therapy to each patient and their condition over time.

AirView’s remote assist feature gives you access to each patient’s device status and key settings, such as leak and humidification to troubleshoot device-related issues quickly and easily. This may also reduce lengthy phone calls, unnecessary device returns and restickbacks visits to the patient’s home, a valuable time-saving feature. And with remote monitoring, you can identify ‘at risk’ patients, and make the necessary adjustments to their therapy settings – from the convenience of your office to the comfort of their home – ensuring they’re always receiving the appropriate therapy.

High-resolution data is also available with ResScan™ software.

**When a compatible oximeter and oximeter module are attached.

* Volume: SIMV/CPAP and Lumis Neo II PAP ST series.