Set-up guide

1 Getting started
2 Settings
3 Pressure adjustments
4 Usage statistics
5 Blower hours
6 Data reset

IMPORTANT! This guide should not be given to the patients. Only medical professionals should adjust pressure settings.
Getting started

Accessing Provider mode – device in standby

- Once the device is powered, press and hold both the Ramp button and the Left navigation button on the device for at least 10 seconds.

- The Provider menu screen will display ‘P-1’, indicating that you are now in Provider mode.

- While in Provider mode, press the Select button to exit this mode and lock the device. The screen will briefly display ‘P-0’. After one minute of inactivity, the device will always automatically exit the Provider mode.

1 Ramp button  
2 Navigation buttons  
3 Start/Stop/Select button
REMstar SE has an icon-based user interface. Select the icon you want to change by using the navigation buttons either left or right. A list of the different icons and their functions can be found here below.

**Icons and symbols**

- ! Device requires user attention
- 7 Seven day average
- 30 Thirty day average
- ▲ Ramp starting pressure setting
- cm \text{H}_2\text{O} Pressure setting
- cm \text{H}_2\text{O} Fine pressure setting
- ⚛ Heated humidifier
- 🌟 Display brightness
- ⌛ Therapy hours time meter
-电源图标 Therapy ON/OFF icon
- ▲ Altitude setting
- ▼ Ramp duration setting
- FLEX FLEX setting
- ⌉ SD card data activity (REMstar SE only)
- ☏ Modem operation (REMstar SE only)
- ⚒ Prescription setting
- ⚠ Tubing type setting
Changing the settings

Once you highlight the setting that you want to change, press the Select button. Afterwards, you can use the Navigation buttons to adjust that setting. Press the Select button again to adjust the selected setting.

Humidifier settings

Classic mode – settings 1 to 5 corresponding to a heater plate temperature.

System One Humidity – settings 1 to 5 corresponding to a relative humidity.
Heated tubing operation

When the heated tube is connected, the humidifier icon will turn orange. An ‘h’ will be displayed, indicating the presence of the heated tube.

With REMstar SE, there is only one relative humidity setting.

And there are 5 settings (1 to 5) for the heated tube temperature, corresponding to an increased temperature in the heated tube vs ambient air.

Adjusting display brightness

Brightness levels range from 0 to 3.
Setting and adjusting the Ramp feature

Setting RAMP start pressure.
4 cmH₂O to CPAP pressure set

Setting RAMP duration.
0 - 45 minutes
**Manual altitude adjustment**

There are 3 settings for altitude adjustment.

1 = less than 762m
2 = 762m to 1524m
3 = 1525m to 2286m

Note: Elevations over 2286m (7500 ft.) may affect the accuracy of the pressure.

**Tubing type selection**

Select ‘22’ while using a Philips Respironics 22mm diameter tubing, and ‘15’ when using a 15mm one.

This can be locked by the provider (settings 15L and 22L).

**FLEX settings**

FLEX can be set from 0 to 3. The value can be locked by the provider (L0 – L3).
3 Pressure adjustments

**Normal pressure adjustment**

Therapeutic pressure can be set from 4 to 20cm$_{H_2O}$.

**Fine pressure adjustment**

When needed, the therapeutic pressure can be calibrated with this setting. To calibrate, connect a manometer to the patient tubing.
Usage statistics can be displayed.

Patients can view their 7 and 30 day average usage, as well as the total therapy hours.
To view the Blower Hours screen, highlight the Therapy Hours icon while the device is in standby. Then press and hold both the Left navigation button and the Select button for 5 seconds. The device will then scroll the blower hours in 2 screens (see below). It will cycle through these screens five times before returning to standby.

<table>
<thead>
<tr>
<th>Display</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>_XX</td>
<td>Where XX is the first 2 digits of the 5 digit number for the total blower hours</td>
</tr>
<tr>
<td>XXX</td>
<td>Where XXX is the last 3 digits of the 5 digit number for the total blower hours</td>
</tr>
</tbody>
</table>

Example: If the device used 1,582 total blower hours, the first screen would display ‘_01’ and the second screen would display ‘582’.

Therapy hours icon
Left button
Select button
Data reset for multiple users

While the device is in Provider mode and Therapy Hours icon is selected, press and hold both the Ramp button and the Right navigation button on the device for 5 seconds.

The device will count down from 5 to 0 and then erase the therapy hours. The device will reboot once the therapy hours are reset.
This guide contains abstracted information from the user and provider manuals. Please refer to the latest manuals for complete setup information regarding the REMstar SE device, including warnings, cautions and contraindications.

REMstar SE is registered trademark of Philips.