

# F&P *myAIRVO™ 2*

Technical Manual



This page has intentionally been left  
blank.

# BEFORE YOU START

This Technical Manual is intended for clinical engineering / technical personnel. It defines the technical specifications, as setup and servicing information, for the myAIRVO 2 humidifier. It applies to all lot numbers from 130621 and above.

## OTHER REFERENCES

- Refer to the myAIRVO 2 User Manual for detailed instructions for use , and watch the included instructional DVD.
- If the unit is ever used by multiple patients, the unit must be cleaned and disinfected between patients according to instructions in the Disinfection Kit Manual (900PT600).
- For further assistance, please contact your Fisher & Paykel Healthcare representative.

## TABLE OF CONTENTS

1. General information .....	2
Package contents .....	2
myAIRVO 2 and accessories .....	3
2. Setting up myAIRVO 2 for first use .....	4
Advanced settings .....	6
3. Acceptance/performance checks .....	8
4. Servicing .....	9
Appendix A: IEC 60601-1-2 EMC tables .....	10
Appendix B: User interface flow charts .....	12
Appendix C: Default values .....	12
Appendix D: Troubleshooting .....	17

# 1. GENERAL INFORMATION

The myAIRVO 2 is a humidifier with integrated flow generator that delivers warmed and humidified respiratory gases to spontaneously breathing patients through a variety of patient interfaces.

## PACKAGE CONTENTS



myAIRVO 2 humidifier (PT100xx)



myAIRVO 2 User Manual



myAIRVO 2 Swingtag



myAIRVO 2 DVD



Oxygen inlet extension kit (900PT422)



Reusable water chamber (HC360)



Air filter (x2) (900PT913)



Power cord (900PT410xx)



Funnel



Heated breathing tube (900PT500)

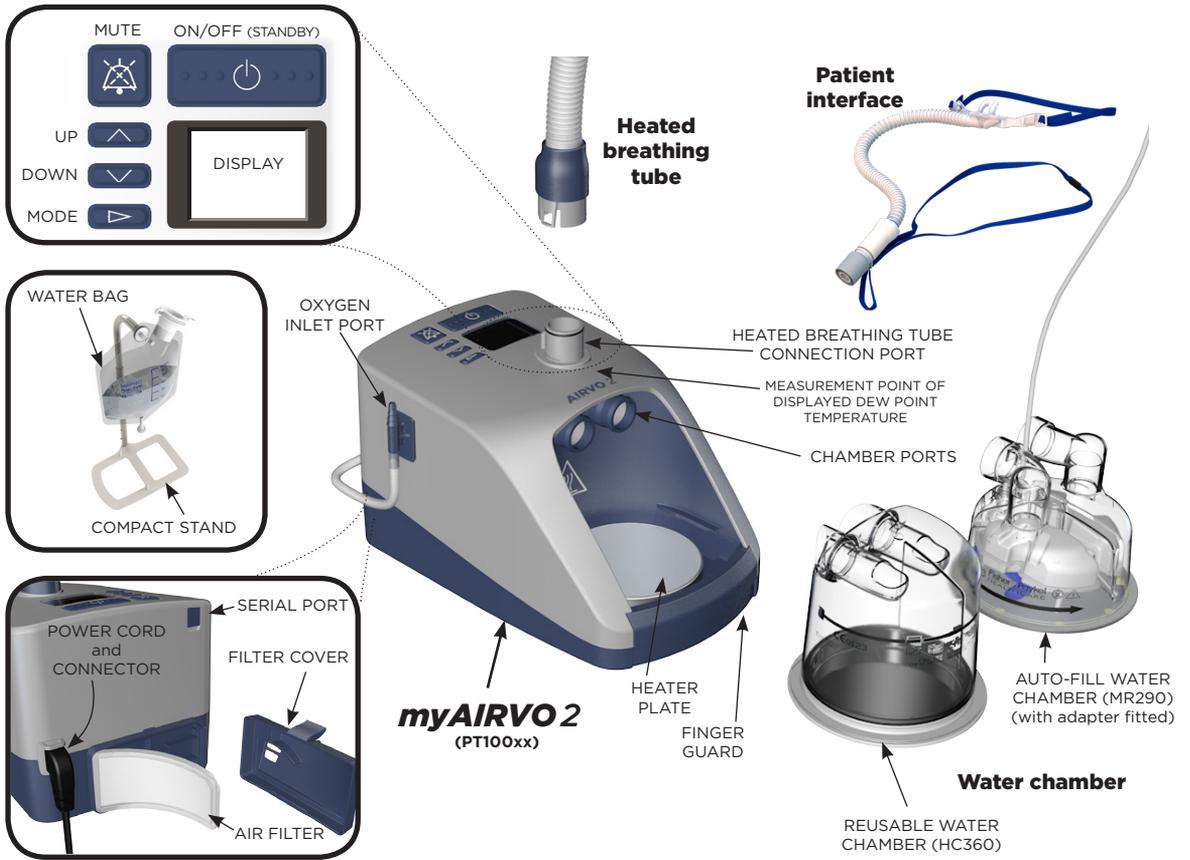
### WARNING

**UNDER NO CIRCUMSTANCES SHOULD THE myAIRVO 2 BE OPENED OR ANY OF THE SIX FASTENING SCREWS ON THE UNDERNEATH SIDE OF THE DEVICE BE LOOSENED.**

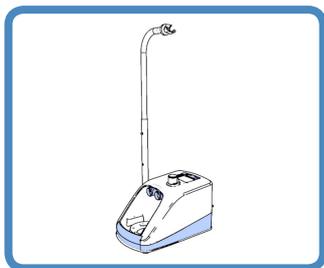
**OPENING THE UNIT WILL AFFECT THE OXYGEN SEALS INSTALLED INSIDE, WHICH WILL COMPROMISE THE SAFETY OF THE DEVICE.**



# myAIRVO 2 AND ACCESSORIES



## 2. SETTING UP myAIRVO 2 FOR FIRST USE



### 1. REMOVE THE MYAIRVO 2 FROM ITS PACKAGING

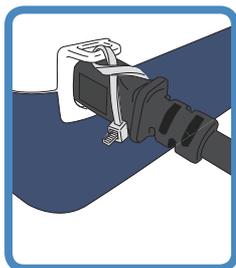
Place the myAIRVO 2 on the 900PT400 compact stand.



### 2. CONNECT THE POWER CORD

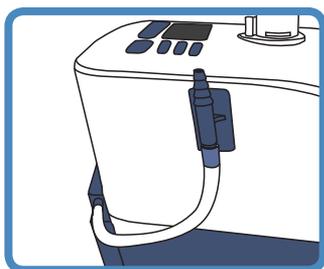
#### For PT100AZ, PT100EE, PT100EW, PT100UK:

Plug the power cord connector into the socket on the back of the myAIRVO 2.



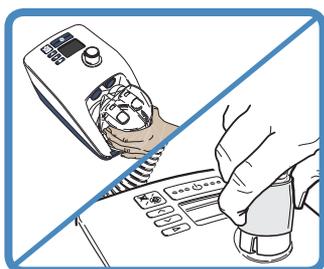
#### For PT100US:

Use the cable tie in the Oxygen Inlet Extension Kit (900PT422) to secure the power cord connector.



### 3. ATTACH THE OXYGEN INLET EXTENSION KIT

Refer to the instruction sheet included with the kit itself.



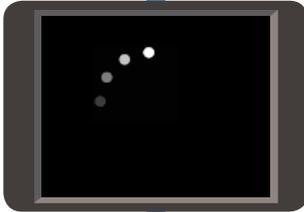
### 4. ATTACH WATER CHAMBER AND HEATED BREATHING TUBE

The water chamber and heated breathing tube must be connected to carry out the following setup and testing procedures.



### 5. SWITCH ON UNIT

Switch on the unit by pressing the On/Off button.



### 6. WARM-UP

The unit will begin to warm up. You will see a warm-up symbol on the screen.



*"Warm-up" symbol*



### 7. READY FOR USE

The "Ready for Use" symbol means that the system is ready for the patient to use.



*"Ready for use" symbol*



### 8. DRYING MODE / OFF

To turn the unit off, press and hold the On/Off button for 3 seconds until a melody sounds. The unit will automatically enter Drying Mode.



To switch the unit off without completing Drying Mode, hold down the On/Off button for 5 seconds. If you unplug the unit's power cord from the mains power supply while the unit is still running, the "Power Out" alarm will sound. Press the Mute button to silence this alarm.





## ADVANCED SETTINGS

When you see the “Warm-up” or “Ready for use” symbols, hold a combination of three buttons (Up, Down and Mute) for 5 seconds, to view and change advanced settings.

**This button combination is for use by clinical engineering / technical personnel only.**



### AIRVO 2 / myAIRVO 2 MODE

You can change the unit from “myAIRVO 2” (home / long-term care) mode to “AIRVO 2” (hospital) mode.

Contact Fisher & Paykel Healthcare for an “AIRVO 2 User Manual”.

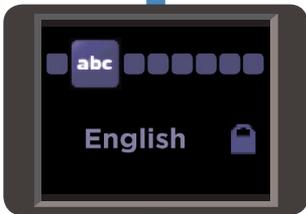
#### To change the mode:

Hold the Up and Down buttons for 3 seconds to “unlock” the setting.

Use the Down button to select AIRVO 2.



Press the Mode button to confirm the change and/or move on to the next screen. Note that the unit will reset itself if it is switched between AIRVO 2 and myAIRVO 2 modes.



### LANGUAGE

You can set the AIRVO 2 / myAIRVO 2 to one of 15 language settings:

English (en)	Nederlands (nl)	Svenska (sv)
Deutsch (de)	Português (pt)	简体中文 (zh) [simp.]
Español (es)	Dansk (da)	繁体中文 (zh) [trad.]
Français (fr)	Suomi (fi)	日本語 (ja)
Italiano (it)	Norsk (no)	한국어 (ko)

#### To change the language:

Hold the Up and Down buttons for 3 seconds to “unlock” the setting.

Use the Up and Down buttons to select the desired language.



Press the Mode button to confirm the change and/or move on to the next screen.



## ENVIRONMENT SETTINGS (FOR DEFAULT MODE)

A clinician may change the “Environment Settings”, to customise individual myAIRVOs for different patients depending on their needs. The “Environment Settings” chosen will put limits on the “Patient Settings” that the operator can choose when in normal use.

This screen defines the “Environment Settings” for the myAIRVO 2 when in Default Mode (ie. non-“Junior Mode”).

<p><b>Minimum dew-point temperature (°C)</b></p> 	<p><b>The lowest target dew-point temperature that the operator will be able to select.</b>  <i>Possible Settings: 31, 34, 37 °C</i>            If this is set to 31, the operator can select a target dew-point temperature between 31 and 37. ie. 31, 34 or 37 (°C).            If the patient is tracheostomised, a clinician may wish to set this value to 37, so that the operator can only select a target dew-point temperature between 37 and 37, ie. only 37 (°C).            Note: The maximum dew-point temperature setting is always 37 °C in Default Mode.</p>
<p><b>Minimum flow (L/min)</b></p> 	<p><b>The lowest flow that the operator will be able to select.</b>  <i>Possible Settings: 10 to 60 in increments of 5 or 1 L/min, always less than or equal to Maximum Flow setting.</i>            Example: If this is set to 10, the operator will be able to select flows down to 10 L/min.            If this is set to 25, the operator will be able to select flows down to 25 L/min.</p>
<p><b>Maximum flow (L/min)</b></p> 	<p><b>The highest flow that the operator will be able to select.</b>  <i>Possible Settings: 10 to 60 in increments of 5 or 1 L/min, always greater than or equal to Minimum Flow setting.</i>            Example: If this is set to 60, the operator can select flows up to 60 L/min.            If this is set to 35, the operator can select flows up to 35 L/min.</p>
<p><b>Maximum oxygen fraction (%)</b></p> 	<p><b>The highest oxygen fraction that the operator may set the unit to.</b>  <i>Possible settings: 30 - 90% in increments of 5% O2.</i>            The unit will alarm if the measured oxygen fraction exceeds this value.</p>
<p><b>Minimum oxygen fraction (%)</b></p> 	<p><b>The lowest oxygen fraction that the operator may set the unit to.</b>  <i>Possible settings: 21 or 25% O2.</i>            When set to 25% the unit will alarm if the measured oxygen fraction is below this value allowing detection of oxygen disconnection.</p>
<p>Note that, for Oxygen display, this is a measurement only, not a control setting. The operator changes the measured oxygen fraction by altering the myAIRVO 2 target flow setting and the flow of oxygen connected to the unit (e.g. from a flowmeter) - there is no closed-loop control.</p>	

### To change the environment settings:

Hold the Up and Down buttons for 3 seconds to “unlock” the first setting.

Use the Up and Down buttons to change the setting, then press the Mode button to progress to the next setting.

Press the Mode button to move to the next screen.



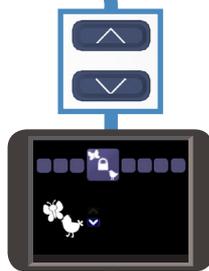
## ENVIRONMENT SETTINGS (FOR JUNIOR MODE)

This screen defines the “Environment Settings” for the myAIRVO 2 when in Junior Mode.

<p><b>Junior Mode Enable/Disable</b></p>  Enabled  Disabled	<p>When this option is enabled, the operator can enter Junior Mode from the Home Screen, by holding the Mode button for 5 seconds.</p> <p>When this option is disabled, entering Junior mode is not possible.</p> <p><b>This option is disabled by default.</b> You must enable it in order for the unit to be used in Junior mode.</p>
<p><b>Dew-point temperature (°C)</b></p>	<p>The only dew-point setting in Junior Mode is 34 °C.</p>
<p><b>Minimum flow (L/min)</b></p>  10	<p><b>The lowest flow that the operator will be able to select.</b></p> <p><i>Possible Settings: 2 to 25 in increments of 5 or 1 L/min, always less than or equal to Maximum Flow setting.</i></p> <p>If this is set to 10, the operator will be able to select flows down to 10 L/min.</p>
<p><b>Maximum flow (L/min)</b></p>  60	<p><b>The highest flow that the operator will be able to select.</b></p> <p><i>Possible Settings: 2 to 25 in increments of 5 or 1 L/min, always greater than or equal to Minimum Flow setting.</i></p> <p>If this is set to 15, the operator can select flows up to 15 L/min.</p>
<p><b>Maximum oxygen fraction (%)</b></p>  90	<p><b>The highest oxygen fraction that the operator may set the unit to.</b></p> <p><i>Possible settings: 30 - 90% in increments of 5% O<sub>2</sub>.</i></p> <p>The unit will alarm if the measured oxygen fraction exceeds this value.</p>
<p><b>Minimum oxygen fraction (%)</b></p>  21	<p><b>The lowest oxygen fraction that the operator may set the unit to.</b></p> <p><i>Possible settings: 21 or 25% O<sub>2</sub>.</i></p> <p>When set to 25% the unit will alarm if the measured oxygen fraction is below this value allowing detection of oxygen disconnection.</p>
<p>Note that, for Oxygen display, this is a measurement only, not a control setting. The operator changes the measured oxygen fraction by altering the myAIRVO 2 target flow setting and the flow of oxygen connected to the unit (e.g. from a flowmeter) - there is no closed-loop control.</p>	

### To change the environment settings:

Hold the Up and Down buttons for 3 seconds to “unlock” the first setting.



Use the Up and Down buttons to change the setting, then press the Mode button to progress to the next setting.



Press the Mode button to return to the “Warm-up”/“Ready for use” screen. You can now continue with the Performance/Acceptance checks.

### FLOW INCREMENT SETTINGS

This screen defines the “Flow Increment Settings” for the myAIRVO 2 when in either Default Mode or Junior Mode. You can define the flow rate above which the increments are 5 L/min and below which the increments are 1 L/min.

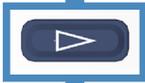


#### To change the environment settings:

Hold the Up and Down buttons for 3 seconds to “unlock” the setting.



Use the Up and Down buttons to change the setting. Flows > 30 L/min will increment in steps of 5 L/min  
Flows < 30 L/min will increment in steps of 1 L/min



Press the Mode button to move to the next screen.

### OXYGEN INPUT SETTINGS

This screen defines the “Oxygen Input Settings” for the myAIRVO 2 when in either Default Mode or Junior Mode. The 95% setting is for use with oxygen concentrators and is the default setting for myAIRVO 2. The 100% setting is for hospital oxygen supplies, liquid oxygen or standard bottled oxygen.



#### To change the environment settings:

Hold the Up and Down buttons for 3 seconds to “unlock” the setting.



Use the Up and Down buttons to change the setting.



Press the Mode button to move to the next screen.

### DISINFECTATION STOP-GATE SETTINGS

This screen is not relevant for myAIRVO 2.

This screen defines the “Disinfection Stop-Gate Settings” for the AIRVO 2.

Refer to the AIRVO 2 Technical Manual before making any changes.



#### To change the environment settings:

Hold the Up and Down buttons for 3 seconds to “unlock” the setting.

Use the Up and Down buttons to change the setting.



Press the Mode button to move to the next screen.

### TRANSPORT MODE SETTINGS

This screen is not relevant for myAIRVO 2.

This screen defines the “Transport Mode Settings” for the AIRVO 2.

Refer to the AIRVO 2 Technical Manual before making any changes.



#### To change the environment settings:

Hold the Up and Down buttons for 3 seconds to “unlock” the setting.

Use the Up and Down buttons to change the setting.



Press the Mode button to move to the next screen.

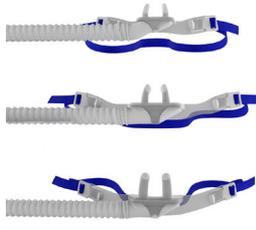
### 3. ACCEPTANCE/PERFORMANCE CHECKS

This section contains performance checks which can be carried out on the myAIRVO 2, however there is no requirement to carry out these checks on a routine basis. These checks test the basic functioning of the unit, the operation of the flow sensor as well as the audible alarm signal.

They should be conducted under the following ambient conditions:

Temperature: 22 ± 2°C, Humidity: 50 ± 5% RH.

The following equipment is required:

			
myAIRVO 2 humidifier	HC360 water chamber	Heated breathing tube (from 900PT500 or 900PT501 kit)	Nasal interface (OPT842, OPT844 or OPT846)

#### HEATERPLATE TEST

1. Add 200mL of room temperature (not hot) water to the humidification chamber and fit the chamber onto the heater plate of the device. Fit the chamber tightly on to the chamber ports.
2. Connect the heated breathing tube to the Heated Breathing Tube Connection port. Connect the nasal cannula interface to the heated breathing tube.
3. Turn on the device, by pressing the power button for 2 seconds. Warm-up bars will be displayed as the unit warms up. Ensure the flow is set to 20 L/min.
4. Check that the “Ready for use” symbol (a “tick” or “check”) is displayed within 30 minutes.

#### “CHECK FOR LEAKS” TEST

After the “Ready for use” symbol is displayed, the “Check for leaks” sensor test can be tested as follows:

1. Remove the chamber.
2. Check that the display shows the “Check for leaks” error (in the appropriate language) and that the auditory alarm sounds, within 60 seconds.
3. Reconnect the chamber and check that this flashing display disappears, the audible alarm stops and the display reverts back to the Warm-up/Ready-for-use screen.

#### “CHECK FOR BLOCKAGES” TEST

After completing the “Check for leaks” test, the “Check for blockages” test can be tested as follows:

1. Disconnect the cannula from the Heated Breathing Tube.
2. Block the end of the Heated Breathing Tube with your hand.
3. Check that the display shows the “Check for blockages” error (in the appropriate language) and that the auditory alarm sounds, within 30 seconds.
4. Unblock the end of tube and check that this flashing display disappears, the audible alarm stops and the display reverts back to the previous display.
5. Reconnect the cannula to the Heated Breathing Tube.

#### “CHECK TUBE” TEST

After completing the above flow tests, the Tube Missing alarm can be tested as follows:

1. Remove the Heated Breathing Tube (pull the blue sleeve up first).
2. Check that within 10 seconds the display shows the “Check tube” error and the auditory alarm sounds.
3. Refit the Heated Breathing Tube, check the alarm stops and that the display reverts back to the previous display.

**Note: If any of the tests above fail, please contact your Fisher & Paykel Healthcare representative.**

## 4. SERVICING

AIRVO 2 and myAIRVO 2 humidifiers do **NOT** require routine servicing or calibration.

The only checks that can be carried out are the Acceptance/Performance Checks in the previous section, and the Electrical Safety Test detailed below.

WARNING

**UNDER NO CIRCUMSTANCES SHOULD THE myAIRVO 2 BE OPENED OR ANY OF THE SIX FASTENING SCREWS ON THE UNDERNEATH SIDE OF THE DEVICE BE LOOSENED. OPENING THE UNIT WILL AFFECT THE OXYGEN SEALS INSTALLED INSIDE, WHICH WILL COMPROMISE THE SAFETY OF THE DEVICE.**



### ELECTRICAL SAFETY TESTS

To test for electrical safety perform the following electrical safety tests and any others required by local regulations.

<i>Inspection</i>	Check the power cord for damage - cuts, stretching, wear, adequate cable restraint, bent pins. Replace with F&P approved cord if necessary.
<i>Insulation Resistance</i>	<p>Use a 500 VDC insulation tester to measure the resistance between the mains plug phase pin and the heaterplate* - it should be &gt; 10 Mohm. Repeat test from the mains plug neutral pin to the heaterplate*.</p> <p>* Note: The exposed surface of the heaterplate is anodised (high resistance). Contact <b>MUST</b> be made to the bottom lip of the heaterplate at the front of the device to make proper connection - depress the finger guard and slip the tester probe beneath the heaterplate to ensure contact to unanodised aluminium.</p>

### SPARE PARTS

Power Cord (Aus/NZ)	900PT410AZ	
Power Cord (European)	900PT410EW	
Power Cord (UK)	900PT410UK	
Power Cord (US/Canada)	900PT410US	
Filter Cover	900PT912	

### STORAGE AND DISPOSAL

Refer to myAIRVO 2 User Manual.

# APPENDIX A: IEC60601-1-2 EMC TABLES

<b>Guidance and manufacturer's declaration - electromagnetic emissions</b>		
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should ensure that it is used in such an environment.		
<b>Emissions test</b>	<b>Compliance</b>	<b>Electromagnetic environment - guidance</b>
RF emissions CISPR 11	Group 1	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	Applicable for countries with 100-115V and 220-240V mains voltage.
Harmonic emissions IEC 61000-3-2	Class A	The device is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes
Voltage fluctuations/ flicker emissions IEC61000-3-3	Complies	

<b>Guidance and manufacturer's declaration - electromagnetic immunity</b>			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of device should ensure that it is used in such an environment.			
<b>Immunity test</b>	<b>IEC60601 test level</b>	<b>Compliance level</b>	<b>Electromagnetic environment - guidance</b>
Electrostatic discharge (ESD) IEC61000-4-2	$\pm 2\text{kV}, \pm 4\text{kV}, \pm 6\text{kV}$ contact $\pm 2\text{ kV}, \pm 4\text{kV}, \pm 8\text{ kV}$ air	$\pm 2\text{ kV}, \pm 4\text{kV}, \pm 6\text{ kV}$ contact $\pm 2\text{ kV}, \pm 4\text{kV}, \pm 8\text{ kV}$ air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/burst IEC61000-4-4	$\pm 2\text{ kV}$ for power supply lines $\pm 1\text{ kV}$ for input/output lines	$\pm 2\text{ kV}$ See note 2 below	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	$\pm 1\text{ kV}$ differential mode $\pm 2\text{ kV}$ common mode	$\pm 1\text{ kV}$ $\pm 2\text{ kV}$	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	$<5\% U_T$ ( $>95\%$ dip in $U_T$ ) for 0.5 cycle $40\% U_T$ ( $60\%$ dip in $U_T$ ) for 5 cycles $70\% U_T$ ( $30\%$ dip in $U_T$ ) for 25 cycles $<5\% U_T$ ( $>95\%$ dip in $U_T$ ) for 5 sec	$<5\% U_T$ ( $>95\%$ dip in $U_T$ ) for 0.5 cycle $40\% U_T$ ( $60\%$ dip in $U_T$ ) for 5 cycles $70\% U_T$ ( $30\%$ dip in $U_T$ ) for 25 cycles $<5\% U_T$ ( $>95\%$ dip in $U_T$ ) for 5 sec	Mains power quality should be that of a typical commercial or hospital environment. If the user of the device requires continued operation during power interruptions, it is recommended the device be powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	$3\text{ A/m}$	$3\text{ A/m}$	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE 1: $U_T$ is the a.c. mains voltage prior to application of the test level.			
NOTE 2: This testing is not necessary for the safe operation of the device.			

## Guidance and manufacturer's declaration - electromagnetic immunity

The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should ensure that it is used in such an environment.

Immunity test	IEC60601 test level	Compliance level	Electromagnetic environment - guidance
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	3 Vrms	Portable and mobile RF communications equipment should be used no closer to any part of the device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.  <b>Recommended separation distance</b>  $d = 1.2 \sqrt{P}$  $d = 1.2 \sqrt{P}$ 80 MHz to 800 MHz  $d = 2.3 \sqrt{P}$ 800 MHz to 2.5 GHz  where $P$ is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and $d$ is the recommended separation distance in metres (m).  Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, <sup>a</sup> should be less than the compliance level in each frequency range <sup>b</sup> .  Interference may occur in the vicinity of equipment marked with the following symbol:  
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2,5 GHz	3 V/m	

NOTE 1: At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

<sup>a</sup> Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the device.

<sup>b</sup> Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

## Recommended separation distances between portable and mobile RF communications equipment and the device

The device is intended for use in the electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the device can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz  $d = 1.2 \sqrt{P}$	80 MHz to 800 MHz  $d = 1.2 \sqrt{P}$	800 MHz to 2.5 GHz  $d = 2.3 \sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

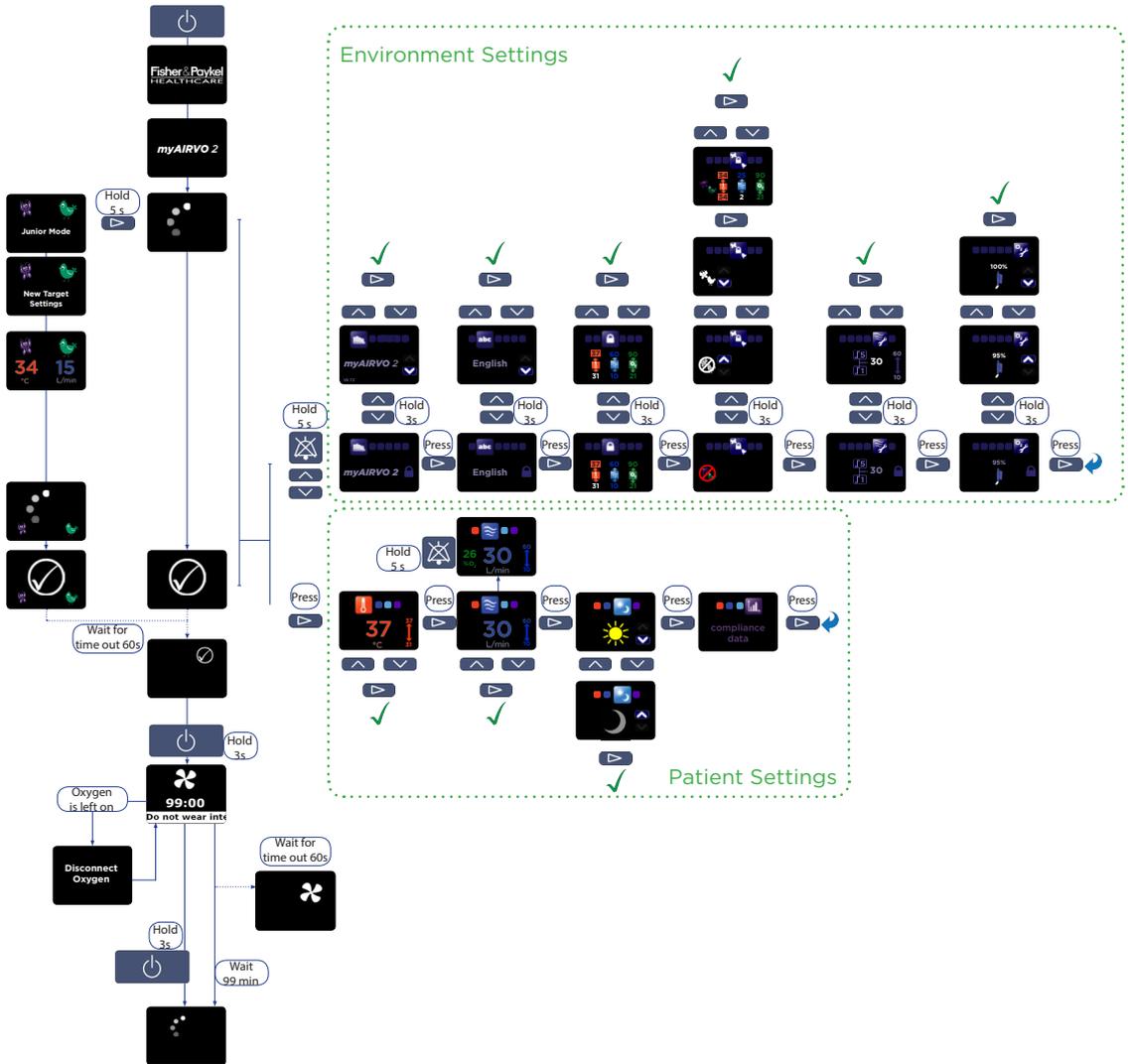
For transmitters rated at maximum output power not listed above, the recommended separation distance  $d$  in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where  $P$  is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

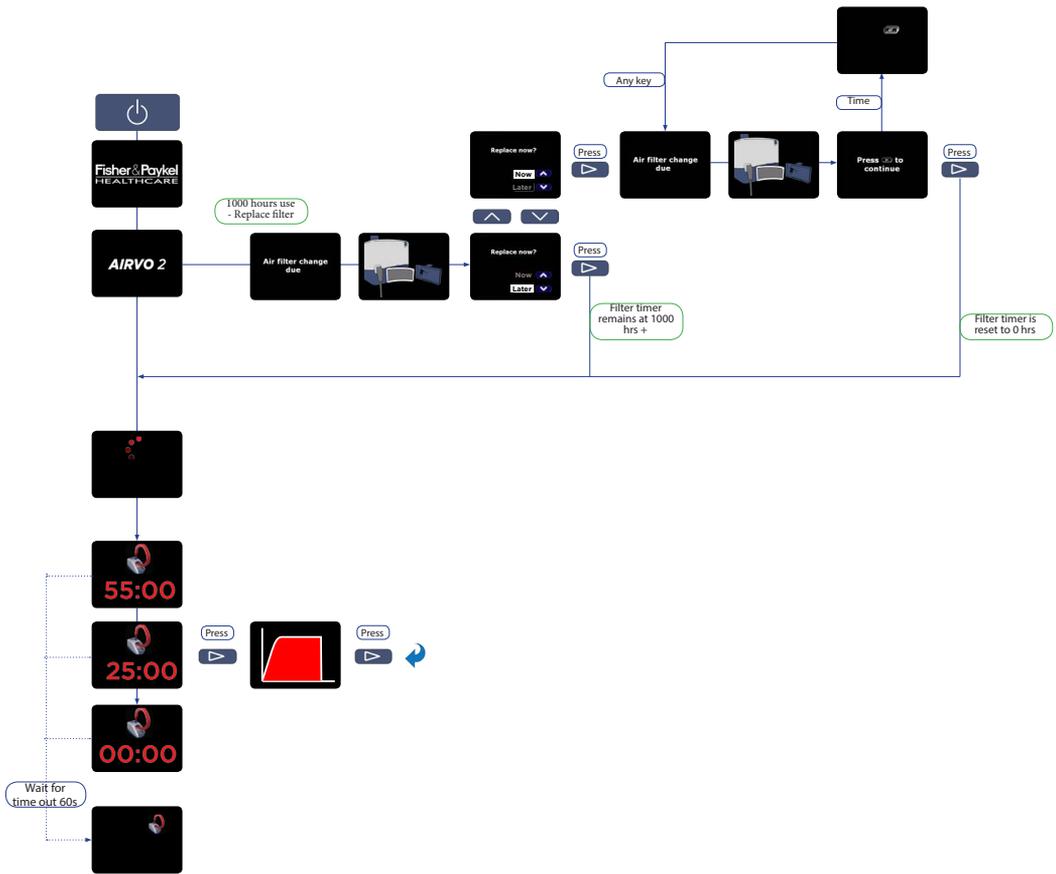
NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

# APPENDIX B: INTERFACE FLOW CHART

## myAIRVO 2



# DISINFECTION



## APPENDIX C: DEFAULT VALUES

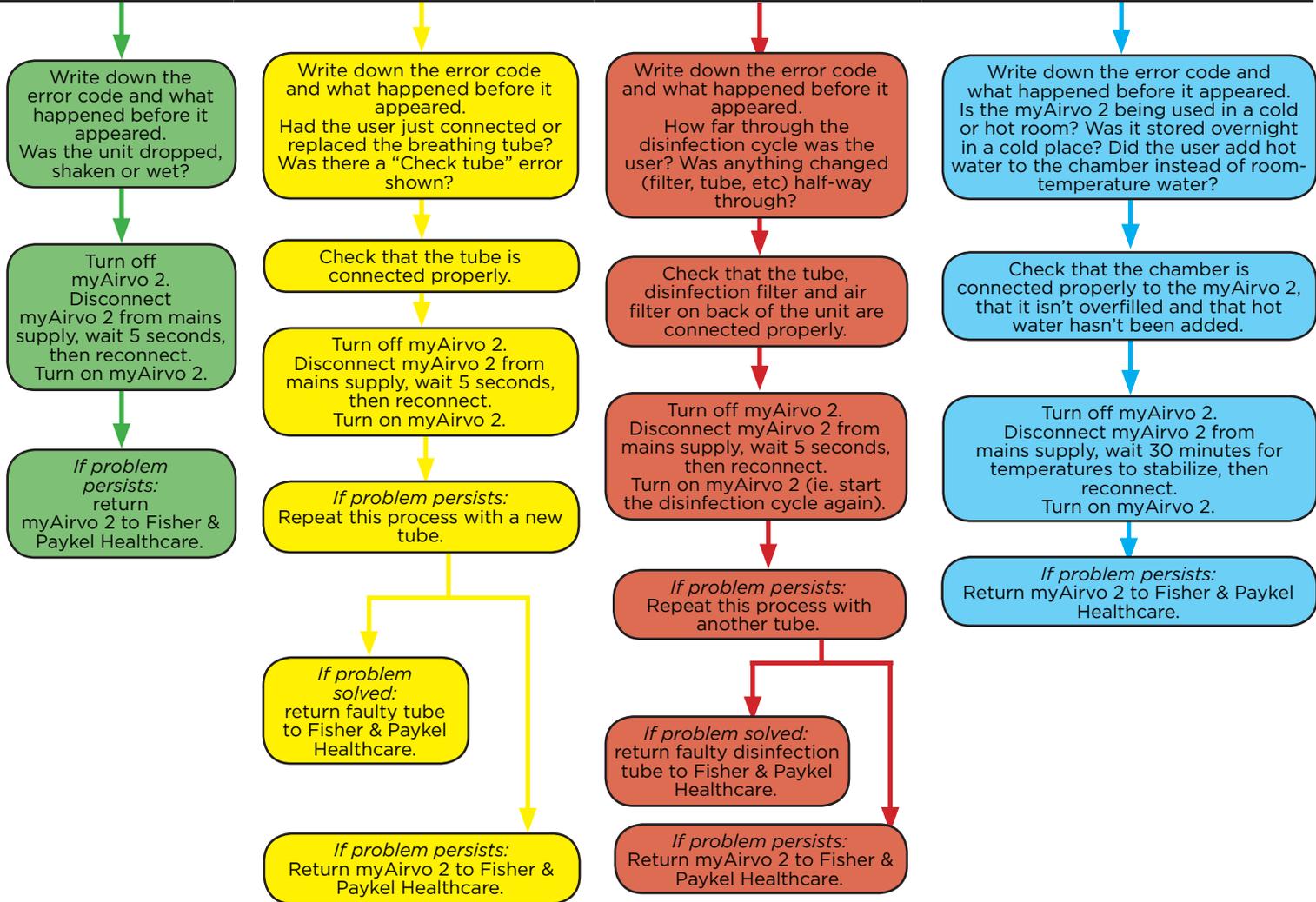
The following values are default non-alarm settings set by the factory:

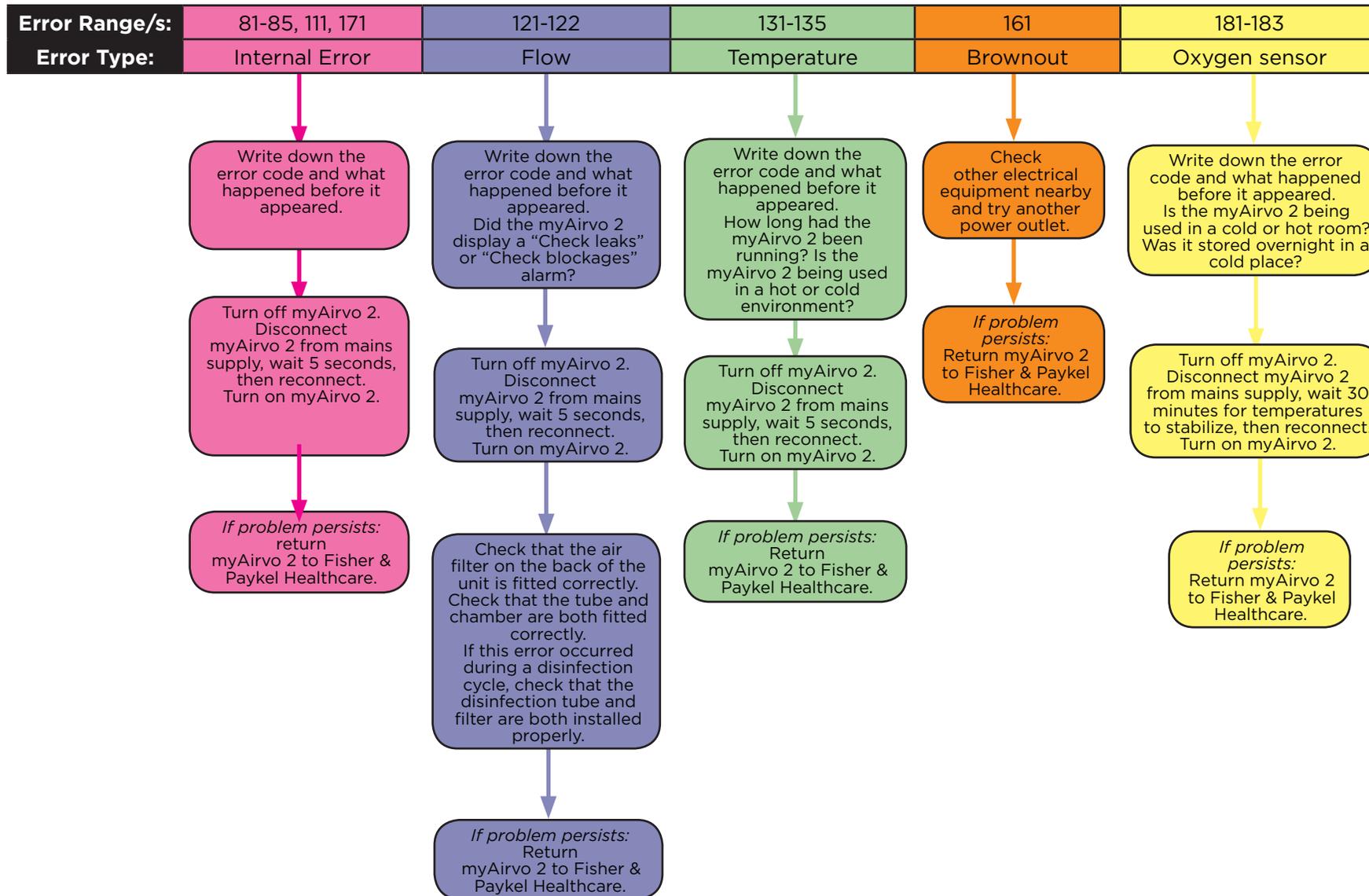
Parameter	Model	Mode	Value	Unit
Default set dewpoint temperature	AIRVO 2 or myAIRVO 2	Default	37	°C
	AIRVO 2 or myAIRVO 2	Junior	34	°C
Max set dewpoint temperature	AIRVO 2 or myAIRVO 2	Default	37	°C
	AIRVO 2 or myAIRVO 2	Junior	34	°C
Min set dewpoint temperature	AIRVO 2 or myAIRVO 2	Default	31	°C
	AIRVO 2 or myAIRVO 2	Junior	34	°C
Default set flow	AIRVO 2	Default	30	L/min
	myAIRVO 2	Default	25	L/min
	AIRVO 2 or myAIRVO 2	Junior	15	L/min
Max set flow	AIRVO 2 or myAIRVO 2	Default	60	L/min
	AIRVO 2 or myAIRVO 2	Junior	25	L/min
Min set flow	AIRVO 2 or myAIRVO 2	Default	10	L/min
	AIRVO 2 or myAIRVO 2	Junior	2	L/min
Default upper oxygen limit	AIRVO 2	Default or Junior	95	%
	myAIRVO 2	Default or Junior	90	%
Max upper oxygen limit	AIRVO 2	Default or Junior	100	%
	myAIRVO 2	Default or Junior	90	%
Min upper oxygen limit	AIRVO 2 or myAIRVO 2	Default or Junior	30	%
Default lower oxygen limit	AIRVO 2 or myAIRVO 2	Default or Junior	21	%
Max lower oxygen limit	AIRVO 2 or myAIRVO 2	Default or Junior	25	%
Min lower oxygen limit	AIRVO 2 or myAIRVO 2	Default or Junior	21	%
Language	AIRVO 2 or myAIRVO 2	Default or Junior	English	
Flow Increment Crossover	AIRVO 2 or myAIRVO 2	Default or Junior	25	L/min
Oxygen Input	AIRVO 2	Default or Junior	100	%
	myAIRVO 2	Default or Junior	95	%
Disinfection Stop-Gate	AIRVO 2	Default or Junior	Confirmation not required	
Transport Mode	AIRVO 2	Default or Junior	Disabled	
Day/Night mode	myAIRVO 2	Default or Junior	Day	

## APPENDIX D: TROUBLESHOOTING

The following pages provide troubleshooting advice for fault / error / “E” codes that may appear during use of the myAIRVO 2.

<b>Error Range/s:</b>	1-10	11-33, 38-41, 44-50, 70-73, 141-154, 155-157	34-37, 42-43, 75-78	61-69, 74, 91-105
<b>Error Type:</b>	Motor	Heated breathing tube	Disinfection tube	Chamber





For more information please contact  
your local Fisher & Paykel Healthcare representative

**Manufacturer** 

Fisher & Paykel Healthcare Ltd  
15 Maurice Paykel Place  
East Tamaki, Auckland 2013

PO Box 14 348, Panmure  
Auckland 1741  
New Zealand

Tel: +64 9 574 0100  
Fax: +64 9 574 0158  
Email: [info@fphcare.com](mailto:info@fphcare.com)  
Web: [www.fphcare.com](http://www.fphcare.com)

**Australia**

Fisher & Paykel Healthcare Pty Limited  
36-40 New Street,  
PO Box 167  
Ringwood, Melbourne  
Victoria 3134, Australia  
Tel: +61 3 9879 5022  
Fax: +61 3 9879 5232

**Austria**

Tel: 0800 29 31 23  
Fax: 0800 29 31 22

**Benelux**

Tel: +31 40 216 3555  
Fax: +31 40 216 3554

**China**

Tel: +86 20 3205 3486  
Fax: +86 20 3205 2132

**France**

Tel: +33 1 6446 5201  
Fax: +33 1 6446 5221

**Germany**

Tel: +49 7181 98599 0  
Fax: +49 7181 98599 66

**India**

Tel: +91 80 4284 4000  
Fax: +91 80 4123 6044

**Irish Republic**

Tel: 1800 409 011

**Italy**

Tel: +39 06 7839 2939  
Fax: +39 06 7814 7709

**Spain**

Tel: +34 902 013 346  
Fax: +34 902 013 379

**Sweden**

Tel: +46 8 564 76 680  
Fax: +46 8 36 63 10

**Switzerland**

Tel: 0800 83 47 63  
Fax: 0800 83 47 54

**Taiwan**

Tel: +886 2 8751 1739  
Fax: +886 2 8751 5625

**Turkey**

Fisher Paykel Sağlık Ürünleri Ticaret  
Limited Şirketi,  
Alinteri Bulvari 1161/1 Sokak No. 12-14,  
P.O. Box 06371 Ostim,  
Ankara, Turkey

Tel: +90 312 354 34 12  
Fax: +90 312 354 31 01

**UK** 

Fisher & Paykel Healthcare Ltd  
Unit 16, Cordwallis Park  
Clivemont Road, Maidenhead  
Berkshire SL6 7BU, UK

Tel: +44 1628 626 136  
Fax: +44 1628 626 146

**USA/Canada**

Tel: +1 800 446 3908  
or +1 949 453 4000  
Fax: +1 949 453 4001

CE 0123