

E30

Ventilation solution



A readily available ventilator for invasive use that fills the critical hospital ventilation shortage for COVID-19 patients. The Philips Respironics E30 ventilator is authorized for use to treat patients with respiratory insufficiency.

As COVID-19 continues to spread globally, healthcare providers are working diligently to treat soaring numbers of patients at a time when there are too few ventilators to provide care.

Philips is responding to this pressing global need by quickly scaling production of the new Philips Respironics E30 ventilator with the needs of healthcare workers and COVID-19 patients in mind while also complying to medical device quality standards.

This global ventilator solution, can be purchased by governments and hospitals who are experiencing ventilator shortages. The Philips Respironics E30 ventilator can be used when there is limited access to a fully featured critical care ventilator.

Designed for mass production by a team deeply experienced in respiratory care, the Philips Respironics E30 ventilator meets numerous important needs.

FDA Emergency Use Authorization

The Philips Respironics E30 Ventilator is provided globally under the Emergency Use Authorization issued by the US FDA for ventilators, ventilator tubing connectors and ventilator accessories, which authorizes its use for the duration of the US Health and Human Services COVID-19 public health emergency declaration justifying emergency use of these devices, unless terminated or revoked (after which the products may no longer be used). This device is not FDA cleared or approved.

Features and benefits

Easy to use

Quick set-up and simple operations allowing healthcare providers with a wide range of skill sets to treat and monitor patients.

Designed for your safety

Recommended circuit set-ups contain a bacterial/viral filter to minimize exposure for healthcare providers when used invasively or with example accessories that may be used, such as a full-face, non-vented (without integrated leak) mask, or helmet.¹

Oxygen delivery

Safe entrainment of oxygen (patient circuit up to 30 lpm / device inlet up to 60 lpm) to deliver high levels of inspired oxygen.

Key monitoring and alarms

On-screen respiratory monitoring (pressure, tidal volume, RR, Minute Ventilation, leak and SpO₂²) as well as visual and audible alarms to provide pertinent therapy information.

¹These circuit set-ups and accessories are examples provided for information purposes only as not all have been validated for use with the Philips Respironics E30 Ventilator

²With attachments.

Specifications

Device specifications

Humidification	Integrated heated humidification (noninvasive)
Filters	Reusable pollen, disposable ultra-fine
Device controls	LCD, control dial/push button
Warranty	1 year from date of shipment
Dimensions	15.7 x 19.3 x 8.4 cm (without humidifier) 29.7 x 19.3 x 8.4 cm (with humidifier)
Weight	1.98 kg/4.37 lbs (with humidifier and power supply)
Electrical requirements	100 – 240 VAC, 50/60 Hz, 2.0-1.0 A

Prescription guidelines

Interface modality	Noninvasive/invasive (respiratory insufficiency)
Pressure range (increment is .5 cm H ₂ O)	IPAP: 4 to 30 cm H ₂ O EPAP: 4 to 25 cm H ₂ O CPAP max pressure is 20 cm H ₂ O

Prescription guidelines (continued)

Ventilation modes	CPAP, S, S/T, PC
Supplemental oxygen	Low flow: patient circuit – Up to 30 lpm Device inlet – up to 60 lpm
Triggering type	Auto-Trak No settings – automated triggering
Patient alarms (settable, in increments of 1)	Circuit disconnection: off, 15, 60 seconds Apnea: now off, 10, 20, 30, 40 seconds Low minute ventilation: 1 to 99 l/min
Breaths per minute (settable)	0 to 40 (4 to 40 BPM 1-breath increment)
Inspiration time	.5 to 3.0 seconds (increment is .1 seconds)
Rise time	Fixed 300 ms
Oximetry	Nonin Xpod
Sound	< 30 dBA at 10 cmH ₂ O

Ordering information

Philips Respironics E30 ventilator	Part number	
Philips Respironics E30 with humidifier	DSX9999H11 – Domestic	The device is shipped with a heated humidifier, power supply and cord, power monitoring solution, O ₂ device inlet assembly, user manual, associated device instructions and optionally, a Quick Start Guide (QSG).
Philips Respironics E30 with humidifier	INX9999H19 – International	

Humidification	Part number
DreamStation humidifier	DSXH – Domestic
DreamStation humidifier	INXH – International

SpO ₂ monitoring	Part number
DreamStation link module (SpO ₂ device connection)	1120293
Nonin SpO ₂ assembly (oximeter)	1121694
Nonin reusable finger sensor (clip)	936
Nonin oximetry finger sensor, adult, flex	953
Nonin flexiwrap, sensor tape, adult, 25/pk	945A
Nonin reusable finger sensor (soft), small	1062051
Nonin reusable finger sensor (soft), medium	1062050

Device filters	Part number
Pollen filter, reusable	1122446
Ultra-fine filter, disposable	1122447
Ultra-fine filter, disposable, 2/pk	1122518

Power	Part number
DreamStation, 80W power supply, RoHS	1118499
E30 external alarm module	1146486
E30, universal power supply, 120V output	1146498
E30, universal power supply, 220V output	1146499
North American power cord, 5 ft	1038928
European power cord, 5 ft	1039014
UK power cord, 5 ft	1005894
Australian power cord, 5 ft	1039012
Brazil power cord, 5 ft	1074365

Circuits and circuit accessories	Part number
22mm performance tubing, 6 ft	1032907
CKT filter DEP w/FEP filter (22mm, circuit with filtered DEP exhalation port and 2 bacteria/viral filters), 10/pk	1065830
22mm passive circuit with swivel exhalation and bacteria/viral filter, non-heated, smooth bore tubing, 10/pk	1132340
15mm standard tube, DreamStation	PR15
Flexible trach adapter with 22mm connection, 10/pk	1073902

Exhalation valves	Part number
Disposable swivel passive exhalation port, 10/pk	1139909
Disposable filtered exhalation port with cap, 10/pk	1065775
Disposable fixed exhalation port, 10/pk	312149
Reusable, Whisper Swivel II	332113

Bacteria/viral filters	Part number
Bacteria/viral filters, 10/pk	342077
Bacteria/viral filters, disposable, 50/pk	C06418

Supplemental O ₂	Part number
O ₂ enrichment attachment (circuit bleed)	312710
PR E30 O ₂ device inlet assembly	1146428

Roll stand	Part number
DreamStation roll stand	1131859

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Caution: U.S. federal law restricts these devices to sale by or on the order of a physician.

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