A readily available ventilator 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.[1]

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.

Emergency Use Authorization
The Philips Respironics E30 Ventilator is provided globally for use under local emergency use authorizations, such as the FDA Emergency Use Authorization for ventilators, Health Canada Interim Order for use in relation to COVID-19, and waiver of CE marking, which authorize its use for the duration of the COVID-19 public health emergency, unless terminated or revoked (after which the products may no longer be used). This device is not FDA cleared or approved.

[1]This use is subject to an emergency use authorization, such as FDA Emergency Use Authorization for Ventilators, Health Canada Interim Order for use in relation to COVID-19, and waiver of CE marking.

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 noninvasively 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.
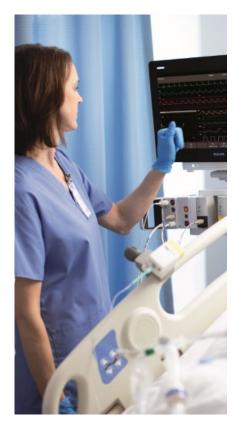
Key monitoring and alarms
On-screen respiratory monitoring (pressure, tidal volume, RR, Minute Ventilation, leak and SpO_2[2]) as well as visual and audible alarms to provide pertinent therapy information.

[1]These 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
[2]With 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_2O)	IPAP: 4 to 30 cm H_2O EPAP: 4 to 25 cm H_2O CPAP: max pressure is 20 cm H_2O
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)	Off, 0 to 30
Inspiration time	.5 to 3.0 seconds (increment is .1 seconds)
Rise time	Fixed 300 ms
Oximetry	Masimo SET® Pulse Oximetry, Nonin Xpod
Sound	< 30 dBA at 10 cmH_2O

Ordering information

Philips Respironics E30 ventilator	Part number – 12NC	Part number – PRD	
Philips Respironics E30 with humidifier – Domestic	989805664021	DSX9999H11	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 – International	989805664051	INX9999H19	

Humidification	Part number – 12NC	Part number – PRD
DreamStation humidifier – Domestic	989805664031	DSXH
DreamStation humidifier – International	989805664061	INXH

Device filters	Part number – 12NC	Part number – PRD
Pollen filter, reusable	989805659861	1122446
Ultra-fine filter, disposable	989805663531	1122447
Ultra-fine filter, disposable, 2/pk	989805661611	1122518

Bacteria/viral filters	Part number – 12NC	Part number – PRD
Bacteria/viral filters, 10/pk	989805609521	342077
Bacteria/viral filters, disposable, 50/pk	989805663481	C06418

Exhalation ports	Part number – 12NC	Part number – PRD
Disposable swivel passive exhalation port, 10/pk	989805643161	1139909
Disposable filtered exhalation port with cap, 10/pk	453561517211	1065775
Disposable fixed exhalation port, 10/pk	989805609391	312149
Reusable, Whisper Swivel II	989805617951	332113

Power	Part number – 12NC	Part number – PRD
DreamStation, 80W power supply, RoHS	989805661551	1118499
E30 external alarm module	989805663991	1146390
E30, uninterruptible power supply, 120V output	989805664001	1146498
E30, uninterruptible power supply, 220V output	989805664111	1146499
North American power cord, 5 ft	989805634181	1038928
European power cord, 5 ft	989805634201	1039014
UK power cord, 5 ft	989805627631	1005894
Australian power cord, 5 ft	989805634191	1039012
China power cord, 5 ft	989805634251	1057412
Japan power cord, 5 ft	989805634221	1039027
India power cord, 5 ft	989805634261	1060017

SpO$_2$ monitoring	Part number – 12NC	Part number – PRD
DreamStation Link Module (SPO$_2$ device connection supports Masimo and Nonin oximeters)	989805663491	1120293
Masimo SET SpO$_2$ cable, DreamStation	989805664191	1133841
Masimo LNCS DCIP Pediatric Clip Reusable Sensor	989805644361	1072878
Masimo LNCS DBI, Adult Soft Reusable Sensor	989805643131	1081516
Masimo LNCS YI, Multisite Reusable Sensor	989805644371	1081985
Masimo LNC–4-Ext, 4 ft	989805644381	1082474
Masimo Standard Multisite Wrap, 100/pk	989805644301	1019531
Nonin SpO$_2$ assembly (oximeter)	989805663501	1121694
Nonin Reusable clip finger sensor	989805603171	936
Nonin Oximetry adult flex finger sensor	989805657041	953
Nonin Flexiwrap adult sensor tape, 25/pk	989805645161	954A
Nonin Reusable soft finger sensor, medium	989805657071	1062050
Nonin Reusable soft finger sensor, small	989805657081	1062051

Supplemental O$_2$	Part number – 12NC	Part number – PRD
O$_2$ enrichment attachment (circuit bleed)	989805609421	312710
PR E30 O$_2$ device inlet assembly	989805664101	1146428

Circuits and circuit accessories	Part number – 12NC	Part number – PRD
22mm performance tubing, 6 ft	989805647511	1032907
CKT filter DEP w/FEP filter (22mm, circuit with filtered DEP exhalation port and 2 bateria/viral filters), 10/pk	989805621311	1065830
22mm passive circuit with swivel exhalation and bacteria/viral filter, non–heated, smooth bore tubing, 10/pk	989805662101	1132340
15mm standard tube, DreamStation	989805661721	PR15
Flexible trach adapter with 22mm connection, 10/pk	989805633931	1073902
Airlife, adult HME	989805664011	C06274

PHILIPS