



PulmO2 drive | DeVilbiss
HEALTHCARE

PARTNERED WITH SANRAJ

PulmO2

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1060AW Concentrator Parts List

PulmO2



Technical Specifications

Dimensions (H x W x L)	70.5 cm x 40.6 cm x 35.6 cm
Weight	25.2 kg
Oxygen	Output 93-6+3 %
Flowrate	1 to 10 L/min
Outlet Pressure	8.5 psi
Measured Sound Level	< 60 dBA (Setting 3)
Electrical Ratings	100 to 240VAC 50/60 Hz
Operating Temperature Range	+ 5 °C to + 40 °C (41 °F to 104 °F)
Operating Atmospheric Pressure Range	0 - 2000 m (795 hPa to 1013 hPa)
Operating Humidity Range	15 % to 95 %, non-condensing

A New Generation of Oxygen Concentrator Fit for Purpose Worldwide

Drive DeVilbiss Healthcare partnered with Sanrai International to develop an oxygen concentrator designed to be energy efficient, resilient, and adapted to a clinical environment.

Energy Efficient

The biggest cost over the lifetime of running an oxygen concentrator is energy consumption. The PulmO2 saves up to 67 % of energy required. Using a DC compressor, the PulmO2 achieves variable power consumption, meaning the device only uses as much energy as needed for each flow rate. The PulmO2 is also built for solar power with reduced energy consumption and a low inrush start up current requirement.

Resilient and Robust

Critical components like sieve beds wear out faster with short periods of usage. The PulmO2 has check valves and shut off valves to protect internal components from environmental elements every time the device is turned off. Therefore, PulmO2 is designed for consistent and regular use in more extreme environments.

User Friendly

Designed with input from clinicians in healthcare settings, PulmO2 has an easy to understand front panel with alarms and indicators for quick reference. Helpful information to operate the unit and basic maintenance can be found directly on the device and via QR code with easy to follow videos. Information is available in multiple languages.

Features

- Energy efficiency - saves up to 67 % energy required
- Soft start up, solar power friendly
- DC Compressor allowing a wide AC voltage range of 100 - 240 VAC 50/60Hz
- Designed to operate & store in simultaneously hot, humid, and higher altitude environments
- Multi-language labeling on product and QR codes for easy access to useful information
- Easy to service with indicators for filter changing, cleaning, and maintenance

PARTS:

**Accumulator Tank**

Part number	1060-610
Gross weight (kg)	0.10
Gross volume (m ³)	0.002

**Accumulator Tank T Fitting**

Part number	444-582
Gross weight (kg)	0.002
Gross volume (m ³)	0.000008

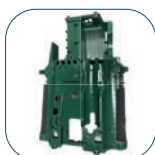
CABINET PARTS:

**Base Assembly - includes IEC connector, foam, 4 fan isolation mounts, cable ties**

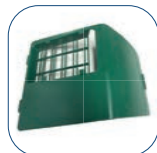
Part number	1060-603
Gross weight (kg)	1.75
Gross volume (m ³)	0.02

**Bib**

Part number	1060-613
Gross weight (kg)	0.7
Gross volume (m ³)	.02

**Compressor Box – includes foam**

Part number	1060-614
Gross weight (kg)	2.0
Gross volume (m ³)	.06

**Filter Door**

Part number	1060-639
Gross weight (kg)	0.15
Gross volume (m ³)	0.005

**Front Cover – includes foam**

Part number	1060-611
Gross weight (kg)	1.15
Gross volume (m ³)	.05

**Rear Cover – includes foam**

Part number	1060-612
Gross weight (kg)	1.6
Gross volume (m ³)	0.07

**Caster Set, non-locking (2 ea), Caster, locking (2 ea)**

Part number	1060-650
Gross weight (kg)	0.4
Gross volume (m ³)	0.0015

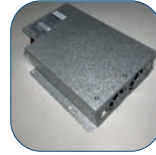
**Cooling Fan (1 ea)**

Part number	1060-634
Gross weight (kg)	0.5
Gross volume (m ³)	0.00007



Control Panel (1 ea)

Part number 1060-631
Gross weight (kg) 0.25
Gross volume (m³) 0.000033



Controller (Power supply / control module)

Part number 1060-621
Gross weight (kg) 2.01
Gross volume (m³) 0.002



1060 Compressor

Part number 1060-625
Gross weight (kg) 8.9
Gross volume (m³) .0085



Exhaust Check Valve

Part number 1060-628
Gross weight (kg) 0.1
Gross volume (m³) 0.00015



Compressor Mounting Plate Retaining Bracket - set

Part number 1060-632
Gross weight (kg) 0.25
Gross volume (m³) 0.001



Exhaust Muffler

Part number 1025D-705
Gross weight (kg) 0.15
Gross volume (m³) 0.0005



Compressor Mounting Springs

Part number 1060-609
Gross weight (kg) 0.15
Gross volume (m³) 0.001



Elbow, Muffler (2 ea)

Part number 1060-656
Gross weight (kg) 0.05
Gross volume (m³) 0.00015



Compressor Service Kits (2 ea)

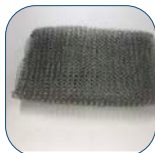
Part number 1060-643
Gross weight (kg) 0.1
Gross volume (m³) 0.001



Elbow, Compressor Intake fitting (1 ea)

Part number 1060-657
Gross weight (kg) 0.05
Gross volume (m³) 0.00005

FILTERS:



Cabinet Filter SSP (1 ea)

Part number 1060-626
Gross weight (kg) 0.35
Gross volume (m³) 0.00025



Internal Compressor Filter

Part number 1025D-682
Gross weight (kg) 0.25
Gross volume (m³) 0.00075



Filter Package - cabinet filter, intake filter, final bacteria filter, compressor filter (1 ea)

Part number 1060-627
Gross weight (kg) 0.2
Gross volume (m³) 0.002



Final Bacteria Filter (1 ea)

Part number PV5LD-651
Gross weight (kg) 0.05
Gross volume (m³) 0.0002



Compressor Intake Filter (2 ea)

Part number 1060-605
Gross weight (kg) 0.2
Gross volume (m³) 0.0015



Flow Meter 1L - 10L

Part number 1060-607
Gross weight (kg) 0.15
Gross volume (m³) 0.00015



Heat Exchange tube

Part number 1060-655
Gross weight (kg) 0.15
Gross volume (m³) 0.004



Hour Meter

Part number 1060-660
Gross weight (kg) 0.15
Gross volume (m³) 0.00003

HOSES:



Blue Pressure Hose 0.86m (34in)

Part number 1060-671
Gross weight (kg) .03
Gross volume (m³) .00005



Braided Silicone Tubing 0.42m (16.5in)

Part number 1060-670
Gross weight (kg) .25
Gross volume (m³) .0002



Compressor Intake hose

Part number 1025D-657
Gross weight (kg) 0.05
Gross volume (m³) 0.0006



Check Valve Tubing Assembly

Part number 1060-629
Gross weight (kg) 0.05
Gross volume (m³) 0.0007



**Braided Silicone Pressure Hose
(Set of 2, 1 left & 1 right)**

Part number 1060-654
Gross weight (kg) 0.15
Gross volume (m³) 0.0008



Orifice Tube assembly

Part number 1060-653
Gross weight (kg) 0.05
Gross volume (m³) 0.00015



**IEC Connector -Fused with
AC Harness**

Part number 1060-624
Gross weight (kg) 0.1
Gross volume (m³) 0.001



Intake Filter Grommet (1 ea)

Part number 1060-604
Gross weight (kg) 0.05
Gross volume (m³) 0.00006



**Ladder clamps – sieve beds,
accumulator tank**

Part number 1060-642
Gross weight (kg) 0.15
Gross volume (m³) 0.00075



**Mounting Bracket for Cont-
roller / PC Board**

Part number 1060-623
Gross weight (kg) 0.25
Gross volume (m³) 0.003



**Oxygen Outlet Port Assembly
(1 ea)**

Part number 1060-602
Gross weight (kg) 0.05
Gross volume (m³) 0.0015



**PC BOARD ASSEMBLY SSP
with tubing**

Part number 1060-622
Gross weight (kg) 0.15
Gross volume (m³) 0.002


Power Cord, Locking – European plug (2 ea)

Part number 1060-615
Gross weight (kg) 0.5
Gross volume (m³) .003


Power Cord, Locking – UK plug (2 ea)

Part number 1060-616
Gross weight (kg) .5
Gross volume (m³) .003


Power Cord Strap (10 ea)

Part number MC29D-657
Gross weight (kg) .05
Gross volume (m³) .00015


Power Switch (1 ea)

Part number 1060-608
Gross weight (kg) .03
Gross volume (m³) .00004


Pressure Regulator 8.5 PSI

Part number MC29D-612
Gross weight (kg) 0.05
Gross volume (m³) 0.0001


PR valve (45 +/- 5 PSI)

Part number 515ADZ-614
Gross weight (kg) .1
Gross volume (m³) .00001


Replacement fuses (20 ea)

Part number 1060-617
Gross weight (kg) .08
Gross volume (m³) 0.00005


Rotary Valve assembly

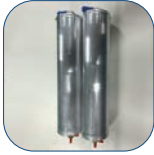
Part number 1060-640
Gross weight (kg) 0.5
Gross volume (m³) 0.0015


Shutoff valve

Part number 1060-641
Gross weight (kg) 1
Gross volume (m³) 0.001


Screws - all screws used in the assembly

Part number 1060-644
Gross weight (kg) 0.005
Gross volume (m³) 0.00015



1060 Sieve Bed Set (1 set of 2 beds)

Part number 1060-619
Gross weight (kg) 3.4
Gross volume (m³) 0.003



Thermostat 75C

Part number 1060-630
Gross weight (kg) 0.01
Gross volume (m³) 0.00005

WIRE HARNESS:



Main Wire Harness

Part number 1060-620
Gross weight (kg) 0.05
Gross volume (m³) 0.0005



Rotary Valve Wire Harness

Part number 1060-672
Gross weight (kg) 0.05
Gross volume (m³) 0.0001



**Complete Repair Parts Kit EU
AC cords**

Part number 1060-680EU
Gross weight (kg) 26.37
Gross volume (m³) 0.03839



**Complete Repair Parts Kit US
AC cords**

Part number 1060-680US
Gross weight (kg) 26.37
Gross volume (m³) 0.03839



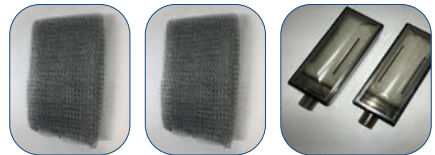
**Complete Repair Parts Kit UK
AC cords**

Part number 1060-680UK
Gross weight (kg) 26.37
Gross volume (m³) 0.03839



**Power Cord, Locking – US
plug (2 ea)**

Part number 1060-618
Gross weight (kg) .5
Gross volume (m³) .003



External Filter Set; Cabinet Filter (2ea), Intake Filter (2ea)

Part number 1060-675
Gross weight (kg) 0.9
Gross volume (m³) 0.0086

ACCESSORIES:



High Flow Bubble Humidifier, 6-15LPM (1 ea)

Part number 7900-0
 Gross weight (kg) .075
 Gross volume (m³) .002



Oxygen Outlet Connector (1 ea)

Part number CN100
 Gross weight (kg) .01
 Gross volume (m³) .0001



Packaging kit

Part number 1060-606
 Gross weight (kg) 2.2
 Gross volume (m³) .14



Nasal Cannula Pediatric (ea)

Part number 1602-7
 Gross weight (kg) .045
 Gross volume (m³) .0008



Nasal Cannula Neonatal (ea)

Part number 1611-7
 Gross weight (kg) .03
 Gross volume (m³) .0008



High Flow Nasal Cannula (ea)

Part number 1600HF-7
 Gross weight (kg) .06
 Gross volume (m³) .0008

TOOLS:

TOOLS		GROSS WEIGHT (kg)	GROSS VOLUME (m3)
Service Kit	444-501	3.65	0.067
Pressure Gauge	PVO2D-601	0.113	0.000276
Pressure Test Assembly	303DZ-637	0.091	0.000459
Oxygen Analyzer (Max O2)	R217P62	0.68	0.000256

1060-680EU PARTS TABLE:

Position	Part No.	Description	Qty
1	1060-615	Mains power inlet cord European plug, locking	2
2	1060-617	Sets of replacement fuses	10
3	1060-608	Mains power switch	2
4	1060-607	Flow meter 10L	2
5	CN100	6mm barbed oxygen outlet connectors	6
6	1060-602	Oxygen Outlet Port Assembly	2
7	1060-670	Braided Silicone Pressure Hose (16.5 in.)	1
8	1060-621	Power supply /control module	2
9	1060-622	PC BOARD ASSEMBLY SSP	1
10	1060-627	Filter Package - cabinet filter, intake filter, final bacteria filter, compressor filter (1 ea)	1
11	1060-643	Compressor service kits	2
12	1060-625	1060 compressor	1
13	1060-640	Rotary Valve assembly	2
14	1060-641	Shutoff valve	2
15	1060-628	Exhaust check valve	2
16	1060-629	Check valves O2 (sieve beds)	2
17	515ADZ-614	PR valve (45 +/- 5 PSI)	2
18	1060-650	Caster, non-locking (2 ea), locking (2 ea)	4
19	1060-634	Cooling fan units	2
20	1060-619	1060 Sieve Beds (1 set of 2 beds)	2

1060-680US PARTS TABLE:

Position	Part No.	Description	Qty
1	1060-618	Mains power inlet cord US plug, locking	2
2	1060-617	Sets of replacement fuses	10
3	1060-608	Mains power switch	2
4	1060-607	Flow meter 10L	2
5	CN100	6mm barbed oxygen outlet connectors	6
6	1060-602	Oxygen Outlet Port Assembly	2
7	1060-670	Braided Silicone Pressure Hose (16.5 in.)	1
8	1060-621	Power supply /control module	2
9	1060-622	PC BOARD ASSEMBLY SSP	1
10	1060-627	Filter Package - cabinet filter, intake filter, final bacteria filter, compressor filter (1 ea)	1
11	1060-643	Compressor service kits	2
12	1060-625	1060 compressor	1
13	1060-640	Rotary Valve assembly	2
14	1060-641	Shutoff valve	2
15	1060-628	Exhaust check valve	2
16	1060-629	Check valves O2 (sieve beds)	2
17	515ADZ-614	PR valve (45 +/- 5 PSI)	2
18	1060-650	Caster, non-locking (2 ea), locking (2 ea)	4
19	1060-634	Cooling fan units	2
20	1060-619	1060 Sieve Beds (1 set of 2 beds)	2

1060-680UK PARTS TABLE:

Position	Part No.	Description	Qty
1	1060-616	Mains power inlet cord UK plug, locking	2
2	1060-617	Sets of replacement fuses	10
3	1060-608	Mains power switch	2
4	1060-607	Flow meter 10L	2
5	CN100	6mm barbed oxygen outlet connectors	6
6	1060-602	Oxygen Outlet Port Assembly	2
7	1060-670	Braided Silicone Pressure Hose (16.5 in.)	1
8	1060-621	Power supply /control module	2
9	1060-622	PC BOARD ASSEMBLY SSP	1
10	1060-627	Filter Package - cabinet filter, intake filter, final bacteria filter, compressor filter (1 ea)	1
11	1060-643	Compressor service kits	2
12	1060-625	1060 compressor	1
13	1060-640	Rotary Valve assembly	2
14	1060-641	Shutoff valve	2
15	1060-628	Exhaust check valve	2
16	1060-629	Check valves O2 (sieve beds)	2
17	515ADZ-614	PR valve (45 +/- 5 PSI)	2
18	1060-650	Caster, non-locking (2 ea), locking (2 ea)	4
19	1060-634	Cooling fan units	2
20	1060-619	1060 Sieve Beds (1 set of 2 beds)	2

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