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oxiti booster industrial oxygen concentrator

The oxiti booster is an industrial oxygen concentrator that meets the demand for higher pressure oxygen gas for the generation of nanobubbles.



oxiti booster industrial oxygen concentrator

oxiti professional pressure boost oxygen concentrator

- ✓ Oxiti booster a reliable PSA oxygen concentrator
- ✓ Booster supplies up to 140 kPa pressure continuously
- ✓ Full Booster supplies up to 400 kPa pressure continuously
- ✓ Made to run 24x7
- ✓ Includes smart PLC controller for further process automation

quality components

The oxiti industrial oxygen concentrator with booster is built from the same high quality components as the standard oxiti. The oxiti booster is developed for applications that require high pressure. The oxiti booster can supply continuously a volume of 8 liters per minute with a pressure of 140 kPa and the oxiti Full Booster can continuously supply pressure of 350 kPa. Acniti build the oxiti from high quality Japanese components such as Panasonic, Fuji Electric, SMC, Pisco, IDEC and Omron apart from these suppliers acniti manufactures their own components.

connect multiple oxygen concentrators

Expand the Full Booster with additional oxygen concentrators to supply a larger volume of oxygen at higher pressures. At the time of ordering, specify if you like to add 2 or 3 additional standard oxygen concentrators to increase the oxygen flow.

applications

Many of our customers use the oxiti to push oxygen into water, but when the pump is running the water pressure at 0.12 or 0.3 mPa they also need an oxygen concentrator which is able to supply a constant volume and a constant pressure of 0.12 or 0.3 mPa. The oxiti Booster and Full Booster oxygen concentrator is a perfect solution for them as it allows them to run this equipment 24x7.

industrial booster oxygen concentrator specs 5 lpm 100v

	Description	Metric	Imperial
1	Model name	industrial booster oxygen concentrator 5 LPM 100V	industrial booster oxygen concentrator 5 LPM 100V

2	Model number	0	0
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	Ambient	Metric	Imperial
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3	Ambient temperature minimum	10 °C	50 °F
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4	Ambient temperature maximum	40 °C	104 °F
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5	Relative humidity minimum	15 %	15 %
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6	Relative humidity maximum	95 %	95 %
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	Gas	Metric	Imperial
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7	Minimum flow / minute	2.0 Liter	0.5 Gallon
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8	Maximum flow / minute	5.0 Liter	1.3 Gallon
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9	Minimum flow / hour	120 Liter	32 Gallon
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10	Maximum flow / hour	300 Liter	79 Gallon
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11	Pressure minimum	70 kPa	10 PSI
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12	Pressure maximum	140 kPa	20 PSI
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13	Gas quality	87% to 96% Oxygen	87% to 96% Oxygen
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14	Gas remark	ambient air	ambient air
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	Electrical	Metric	Imperial
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15	Unit phase Ø voltage	1 Ø 100 VAC 60 Hz or 50 Hz	1 Ø 100 VAC 60 Hz or 50 Hz
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16	Unit power consumption	680 watts 60 Hz or 560 watts 50 Hz	680 watts 60 Hz or 560 watts 50 Hz
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Electrical	Metric	Imperial
17	Wetted parts	

Connections	Metric	Imperial
18	Water inlet	
19	Water outlet	
20	Gas inlet	10 mm push to connect fitting or 3/8" on request
		10 mm push to connect fitting or 3/8" on request

Dimensions & weight	Metric	Imperial
21	Dim. (w) x (d) x (h)	460 x 444 x 705 mm
		18.1 x 17.5 x 27.8 inch
22	weight	32 Kg
		70.5 lbs.
23	Shipping dim. (w)x(d)x(h)	60 x 57 x 79 cm
		24 x 22 x 31 inch
24	Shipping weight	34 Kg
		75 lbs.

Remarks		
25	Other remarks	<ul style="list-style-type: none"> ✓ Altitude 21 degrees up to 1500 meter (5000 ft) without degradation, contact us for more information regarding 1,500 m to 4,000 m (5,000 - 13,000 ft) ✓ Storage temperature from - 20 °C to 60 °C (0°F to 140 °F) ✓ unprotected or inadequately ventilated environment or improper control power may cause damage to the oxygen concentrator and is not covered under warranty.

industrial booster oxygen concentrator specs 5 lpm 200v

	Description	Metric	Imperial
1	Model name	industrial booster oxygen concentrator 5 LPM 200V	industrial booster oxygen concentrator 5 LPM 200V

2	Model number	0	0
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	Ambient	Metric	Imperial
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3	Ambient temperature minimum	10 °C	50 °F
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4	Ambient temperature maximum	40 °C	104 °F
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5	Relative humidity minimum	15 %	15 %
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6	Relative humidity maximum	95 %	95 %
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	Gas	Metric	Imperial
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7	Minimum flow / minute	2.0 Liter	0.5 Gallon
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8	Maximum flow / minute	5.0 Liter	1.3 Gallon
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9	Minimum flow / hour	120 Liter	32 Gallon
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10	Maximum flow / hour	300 Liter	79 Gallon
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11	Pressure minimum	70 kPa	10 PSI
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12	Pressure maximum	140 kPa	20 PSI
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13	Gas quality	87% to 96% Oxygen	87% to 96% Oxygen
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14	Gas remark	ambient air	ambient air
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	Electrical	Metric	Imperial
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15	Unit phase Ø voltage	1 Ø 200 VAC 60 Hz or 50 Hz	1 Ø 200 VAC 60 Hz or 50 Hz
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16	Unit power consumption	705 watts 60 Hz or 575 watts 50 Hz	705 watts 60 Hz or 575 watts 50 Hz
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Electrical	Metric	Imperial
17	Wetted parts	
Connections	Metric	Imperial
18	Water inlet	
19	Water outlet	
20	Gas inlet	10 mm push to connect fitting or 3/8" on request
		10 mm push to connect fitting or 3/8" on request
Dimensions & weight	Metric	Imperial
21	Dim. (w) x (d) x (h)	460 x 444 x 705 mm
		18.1 x 17.5 x 27.8 inch
22	weight	32 Kg
		70.5 lbs.
23	Shipping dim. (w)x(d)x(h)	60 x 57 x 790 cm
		24 x 22 x 311 inch
24	Shipping weight	34 Kg
		75 lbs.

industrial booster oxygen concentrator specs 8 lpm 115v

	Description	Metric	Imperial
1	Model name	Industrial booster oxygen concentrator 8 LPM 115V	Industrial booster oxygen concentrator 8 LPM 115V

2	Model number	oxiti-08-booster-115	oxiti-08-booster-115
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	Ambient	Metric	Imperial
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3	Ambient temperature minimum	10 °C	50 °F
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4	Ambient temperature maximum	40 °C	104 °F
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5	Relative humidity minimum	15 %	15 %
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6	Relative humidity maximum	95 %	95 %
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	Gas	Metric	Imperial
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7	Minimum flow / minute	2.0 Liter	0.5 Gallon
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8	Maximum flow / minute	8.0 Liter	2.1 Gallon
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9	Minimum flow / hour	120 Liter	32 Gallon
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10	Maximum flow / hour	480 Liter	127 Gallon
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11	Pressure minimum	70 kPa	10 PSI
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12	Pressure maximum	140 kPa	20 PSI
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13	Gas quality	87% to 96% Oxygen	87% to 96% Oxygen
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14	Gas remark	ambient air	ambient air
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	Electrical	Metric	Imperial
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15	Unit phase Ø voltage	1 Ø 115 VAC 60 Hz or 50 Hz	1 Ø 115 VAC 60 Hz or 50 Hz
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16	Unit power consumption	730 watts 60 Hz or 605 watts 50 Hz	730 watts 60 Hz or 605 watts 50 Hz
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Electrical		Metric	Imperial
17	Wetted parts		
Connections		Metric	Imperial
18	Water inlet		
19	Water outlet		
20	Gas inlet	10 mm push to connect fitting or 3/8" on request	10 mm push to connect fitting or 3/8" on request
Dimensions & weight		Metric	Imperial
21	Dim. (w) x (d) x (h)	460 x 444 x 705 mm	18.1 x 17.5 x 27.8 inch
22	weight	32 Kg	70.5 lbs.
23	Shipping dim. (w)x(d)x(h)	60 x 57 x 79 cm	24 x 22 x 31 inch
24	Shipping weight	34 Kg	75 lbs.
Remarks			
25	Other remarks	<ul style="list-style-type: none"> ✓ Altitude 21 degrees up to 1500 meter (5000 ft) without degradation, contact us for more information regarding 1,500 m to 4,000 m (5,000 - 13,000 ft) ✓ Storage temperature from - 20 °C to 60 °C (0°F to 140 °F) ✓ unprotected or inadequately ventilated environment or improper control power may cause damage to the oxygen concentrator and is not covered under warranty. 	

industrial booster oxygen concentrator specs 8 lpm 200v

	Description	Metric	Imperial
1	Model name	industrial booster oxygen concentrator 8 LPM 200V	industrial booster oxygen concentrator 8 LPM 200V

2	Model number	0	0
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	Ambient	Metric	Imperial
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3	Ambient temperature minimum	10 °C	50 °F
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4	Ambient temperature maximum	40 °C	104 °F
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5	Relative humidity minimum	15 %	15 %
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6	Relative humidity maximum	95 %	95 %
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	Gas	Metric	Imperial
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7	Minimum flow / minute	2.0 Liter	0.5 Gallon
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8	Maximum flow / minute	8.0 Liter	2.1 Gallon
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9	Minimum flow / hour	120 Liter	32 Gallon
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10	Maximum flow / hour	480 Liter	127 Gallon
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11	Pressure minimum	70 kPa	10 PSI
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12	Pressure maximum	140 kPa	20 PSI
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13	Gas quality	87% to 96% Oxygen	87% to 96% Oxygen
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14	Gas remark	ambient air	ambient air
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	Electrical	Metric	Imperial
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15	Unit phase Ø voltage	1 Ø 200 VAC 50 Hz	1 Ø 200 VAC 50 Hz
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16	Unit power consumption	620 watts 50 Hz	620 watts 50 Hz
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17	Wetted parts		
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Connections		Metric	Imperial
18	Water inlet		
19	Water outlet		
20	Gas inlet	10 mm push to connect fitting or 3/8" on request	10 mm push to connect fitting or 3/8" on request
Dimensions & weight		Metric	Imperial
21	Dim. (w) x (d) x (h)	460 x 444 x 705 mm	18.1 x 17.5 x 27.8 inch
22	weight	32 Kg	70.5 lbs.
23	Shipping dim. (w)x(d)x(h)	60 x 57 x 790 cm	24 x 22 x 311 inch
24	Shipping weight	34 Kg	75 lbs.

industrial booster oxygen concentrator specs 8 lpm 230v

Description		Metric	Imperial
1	Model name	Industrial booster oxygen concentrator 8 LPM 230V	Industrial booster oxygen concentrator 8 LPM 230V
2	Model number	oxiti-08-booster-230	oxiti-08-booster-230
Ambient		Metric	Imperial
3	Ambient temperature minimum	10 °C	50 °F
4	Ambient temperature maximum	40 °C	104 °F
5	Relative humidity minimum	15 %	15 %
6	Relative humidity maximum	95 %	95 %
Gas		Metric	Imperial
7	Minimum flow / minute	2.0 Liter	0.5 Gallon
8	Maximum flow / minute	8.0 Liter	2.1 Gallon
9	Minimum flow / hour	120 Liter	32 Gallon
10	Maximum flow / hour	480 Liter	127 Gallon
11	Pressure minimum	70 kPa	10 PSI
12	Pressure maximum	140 kPa	20 PSI
13	Gas quality	87% to 96% Oxygen	87% to 96% Oxygen
14	Gas remark	ambient air	ambient air
Electrical		Metric	Imperial
15	Unit phase Ø voltage	1 Ø 230 VAC 50Hz or 60 Hz	1 Ø 230 VAC 50Hz or 60 Hz
16	Unit power consumption	620 watts 50 Hz or 765 watts 60 Hz	620 watts 50 Hz or 765 watts 60 Hz

Electrical	Metric	Imperial
17	Wetted parts	
Connections	Metric	Imperial
18	Water inlet	
19	Water outlet	
20	Gas inlet	10 mm push to connect fitting or 3/8" on request
		10 mm push to connect fitting or 3/8" on request
Dimensions & weight	Metric	Imperial
21	Dim. (w) x (d) x (h)	460 x 444 x 705 mm
		18.1 x 17.5 x 27.8 inch
22	weight	32 Kg
		70.5 lbs.
23	Shipping dim. (w)x(d)x(h)	60 x 57 x 79 cm
		24 x 22 x 31 inch
24	Shipping weight	34 Kg
		75 lbs.

industrial full booster oxygen concentrator

specs 5 lpm 100v

	Description	Metric	Imperial
1	Model name	industrial full booster oxygen concentrator 5 LPM 100V	industrial full booster oxygen concentrator 5 LPM 100V

2	Model number	0	0
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	Ambient	Metric	Imperial
3	Ambient temperature minimum	10 °C	50 °F

4	Ambient temperature maximum	40 °C	104 °F
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5	Relative humidity minimum	15 %	15 %
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6	Relative humidity maximum	95 %	95 %
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	Gas	Metric	Imperial
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7	Minimum flow / minute	2.0 Liter	0.5 Gallon
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8	Maximum flow / minute	5.0 Liter	1.3 Gallon
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9	Minimum flow / hour	120 Liter	32 Gallon
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10	Maximum flow / hour	300 Liter	79 Gallon
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11	Pressure minimum	70 kPa	10 PSI
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12	Pressure maximum	400 kPa	58 PSI
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13	Gas quality	87% to 96% Oxygen	87% to 96% Oxygen
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14	Gas remark	ambient air	ambient air
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	Electrical	Metric	Imperial
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15	Unit phase Ø voltage	1 Ø 200 VAC 50Hz or 60 Hz	1 Ø 200 VAC 50Hz or 60 Hz
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16	Unit power consumption	1100 watts 50 Hz or 1320 watts 60 Hz	1100 watts 50 Hz or 1320 watts 60 Hz
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Electrical		Metric	Imperial
17	Wetted parts		
Connections		Metric	Imperial
18	Water inlet		
19	Water outlet		
20	Gas inlet	10 mm push to connect fitting or 3/8" on request	10 mm push to connect fitting or 3/8" on request
Dimensions & weight		Metric	Imperial
21	Dim. (w) x (d) x (h)	460 x 444 x 705 mm	18.1 x 17.5 x 27.8 inch
22	weight	38 Kg	83.8 lbs.
23	Shipping dim. (w)x(d)x(h)	60 x 57 x 79 cm	24 x 22 x 31 inch
24	Shipping weight	40 Kg	88 lbs.

industrial full booster oxygen concentrator

specs 5 lpm 200v

	Description	Metric	Imperial
1	Model name	industrial full booster oxygen concentrator 5 LPM 200V	industrial full booster oxygen concentrator 5 LPM 200V

2	Model number	0	0
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	Ambient	Metric	Imperial
3	Ambient temperature minimum	10 °C	50 °F

4	Ambient temperature maximum	40 °C	104 °F
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5	Relative humidity minimum	15 %	15 %
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6	Relative humidity maximum	95 %	95 %
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	Gas	Metric	Imperial
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7	Minimum flow / minute	2.0 Liter	0.5 Gallon
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8	Maximum flow / minute	5.0 Liter	1.3 Gallon
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9	Minimum flow / hour	120 Liter	32 Gallon
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10	Maximum flow / hour	300 Liter	79 Gallon
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11	Pressure minimum	70 kPa	10 PSI
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12	Pressure maximum	400 kPa	58 PSI
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13	Gas quality	87% to 96% Oxygen	87% to 96% Oxygen
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14	Gas remark	ambient air	ambient air
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	Electrical	Metric	Imperial
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15	Unit phase Ø voltage	1 Ø 200 VAC 50Hz or 60 Hz	1 Ø 200 VAC 50Hz or 60 Hz
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16	Unit power consumption	1100 watts 50 Hz or 1320 watts 60 Hz	1100 watts 50 Hz or 1320 watts 60 Hz
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Electrical		Metric	Imperial
17	Wetted parts		
Connections		Metric	Imperial
18	Water inlet		
19	Water outlet		
20	Gas inlet	10 mm push to connect fitting or 3/8" on request	10 mm push to connect fitting or 3/8" on request
Dimensions & weight		Metric	Imperial
21	Dim. (w) x (d) x (h)	460 x 444 x 705 mm	18.1 x 17.5 x 27.8 inch
22	weight	38 Kg	83.8 lbs.
23	Shipping dim. (w)x(d)x(h)	60 x 57 x 79 cm	24 x 22 x 31 inch
24	Shipping weight	40 Kg	88 lbs.

industrial full booster oxygen concentrator

specs 8 lpm 115v

	Description	Metric	Imperial
1	Model name	industrial full booster oxygen concentrator 8 LPM 115V	industrial full booster oxygen concentrator 8 LPM 115V

2	Model number	O2_OXITI-08-full-booster-115V	O2_OXITI-08-full-booster-115V
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	Ambient	Metric	Imperial
3	Ambient temperature minimum	10 °C	50 °F

4	Ambient temperature maximum	40 °C	104 °F
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5	Relative humidity minimum	15 %	15 %
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6	Relative humidity maximum	95 %	95 %
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	Gas	Metric	Imperial
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7	Minimum flow / minute	2.0 Liter	0.5 Gallon
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8	Maximum flow / minute	8.0 Liter	2.1 Gallon
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9	Minimum flow / hour	120 Liter	32 Gallon
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10	Maximum flow / hour	480 Liter	127 Gallon
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11	Pressure minimum	70 kPa	10 PSI
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12	Pressure maximum	400 kPa	58 PSI
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13	Gas quality	87% to 96% Oxygen	87% to 96% Oxygen
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14	Gas remark	ambient air	ambient air
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	Electrical	Metric	Imperial
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15	Unit phase Ø voltage	1 Ø 115 VAC 60 Hz	1 Ø 115 VAC 60 Hz
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16	Unit power consumption	1320 watts 60 Hz	1320 watts 60 Hz
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Electrical		Metric	Imperial
17	Wetted parts		
Connections		Metric	Imperial
18	Water inlet		
19	Water outlet		
20	Gas inlet	10 mm push to connect fitting or 3/8" on request	10 mm push to connect fitting or 3/8" on request
Dimensions & weight		Metric	Imperial
21	Dim. (w) x (d) x (h)	460 x 444 x 705 mm	18.1 x 17.5 x 27.8 inch
22	weight	38 Kg	83.8 lbs.
23	Shipping dim. (w)x(d)x(h)	60 x 57 x 79 cm	24 x 22 x 31 inch
24	Shipping weight	40 Kg	88 lbs.

industrial full booster oxygen concentrator

specs 8 lpm 200v

	Description	Metric	Imperial
1	Model name	industrial full booster oxygen concentrator 8 LPM 200V	industrial full booster oxygen concentrator 8 LPM 200V

2	Model number	0	0
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	Ambient	Metric	Imperial
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3	Ambient temperature minimum	10 °C	50 °F
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4	Ambient temperature maximum	40 °C	104 °F
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5	Relative humidity minimum	15 %	15 %
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6	Relative humidity maximum	95 %	95 %
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	Gas	Metric	Imperial
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7	Minimum flow / minute	2.0 Liter	0.5 Gallon
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8	Maximum flow / minute	8.0 Liter	2.1 Gallon
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9	Minimum flow / hour	120 Liter	32 Gallon
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10	Maximum flow / hour	480 Liter	127 Gallon
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11	Pressure minimum	70 kPa	10 PSI
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12	Pressure maximum	400 kPa	58 PSI
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13	Gas quality	87% to 96% Oxygen	87% to 96% Oxygen
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14	Gas remark	ambient air	ambient air
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	Electrical	Metric	Imperial
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15	Unit phase Ø voltage	1 Ø 200 VAC 50Hz or 60 Hz	1 Ø 200 VAC 50Hz or 60 Hz
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16	Unit power consumption	1100 watts 50 Hz or 1320 watts 60 Hz	1100 watts 50 Hz or 1320 watts 60 Hz
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Electrical		Metric	Imperial
17	Wetted parts		
Connections		Metric	Imperial
18	Water inlet		
19	Water outlet		
20	Gas inlet	10 mm push to connect fitting or 3/8" on request	10 mm push to connect fitting or 3/8" on request
Dimensions & weight		Metric	Imperial
21	Dim. (w) x (d) x (h)	460 x 444 x 705 mm	18.1 x 17.5 x 27.8 inch
22	weight	38 Kg	83.8 lbs.
23	Shipping dim. (w)x(d)x(h)	60 x 57 x 79 cm	24 x 22 x 31 inch
24	Shipping weight	40 Kg	88 lbs.

industrial full booster oxygen concentrator

specs 8 lpm 230v

Description		Metric	Imperial
1	Model name	industrial full booster oxygen concentrator 8 LPM 230V	industrial full booster oxygen concentrator 8 LPM 230V
2	Model number	O2_OXITI-08-full-booster_230V	O2_OXITI-08-full-booster_230V
Ambient		Metric	Imperial
3	Ambient temperature minimum	10 °C	50 °F
4	Ambient temperature maximum	40 °C	104 °F
5	Relative humidity minimum	15 %	15 %
6	Relative humidity maximum	95 %	95 %
Gas		Metric	Imperial
7	Minimum flow / minute	2.0 Liter	0.5 Gallon
8	Maximum flow / minute	8.0 Liter	2.1 Gallon
9	Minimum flow / hour	120 Liter	32 Gallon
10	Maximum flow / hour	480 Liter	127 Gallon
11	Pressure minimum	70 kPa	10 PSI
12	Pressure maximum	400 kPa	58 PSI
13	Gas quality	87% to 96% Oxygen	87% to 96% Oxygen
14	Gas remark	ambient air	ambient air
Electrical		Metric	Imperial
15	Unit phase Ø voltage	1 Ø 230 VAC 50Hz or 60 Hz	1 Ø 230 VAC 50Hz or 60 Hz
16	Unit power consumption	900 watts	900 watts

Electrical		Metric	Imperial
17	Wetted parts		
Connections		Metric	Imperial
18	Water inlet		
19	Water outlet		
20	Gas inlet	10 mm push to connect fitting or 3/8" on request	10 mm push to connect fitting or 3/8" on request
Dimensions & weight		Metric	Imperial
21	Dim. (w) x (d) x (h)	460 x 444 x 705 mm	18.1 x 17.5 x 27.8 inch
22	weight	38 Kg	83.8 lbs.
23	Shipping dim. (w)x(d)x(h)	60 x 57 x 79 cm	24 x 22 x 31 inch
24	Shipping weight	40 Kg	88 lbs.