

Helping patients breathe easy



Oxygen therapy can be an effective treatment for those who experience breathing issues because of the Corona Virus, Chronic Obstructive Pulmonary Disease (COPD), Pneumonia, Asthma, Cystic Fibrosis, Sleep Apnea, Cardiac ailments etc.

Medical Oxygen Concentrators

The Trufrost Oxygen Concentrator is a high quality equipment device that provides oxygen through a mask or a nose cannula. It is available as a medical and portable device and comes with all attachments and accessories. It enables your body to breathe easily and deliver oxygen more efficiently to the organs that helps boost body functionality. This handy device is therefore a boon for Covid-19 patients or those who wish to self-manage asthma or COPD.



How It Matters in the Battle Against Coronavirus

Before the Corona Virus affected the world, preventive health care check ups pertaining to monitoring oxygen levels were not a priority. But the Corona pandemic has changed everything and now people have become more sensitive to breathing problems and respiratory issues.

Portable Oxygen Concentrator - A Game Changer

Having a portable concentrator can be handy and convenient for those with severe breathing problems. The portable oxygen concentrator device receives air, purifies it, and then delivers the purified air to the body. The device provides an effective method to deliver oxygen-rich air through your body especially when your lungs are not absorbing an adequate amount of oxygen on their own.

■ Low Noise Design



AE-5-W



JAY-5BW

5L/minute Flow Rate

TruFrost offers two portable oxygen concentrator models. These are designed for a flow rate of 1-5L/minute and oxygen concentration of 93% (± 3%) and comes with alarms for power failure, high and low pressure, low oxygen purity and low flow.

Key Features

- ◆ Filters are easy to replace and wash
- ◆ The metal outlet is designed to be used with the humidifier adaptor
- ◆ The easy dial flow control, makes setting the flow easy for any patients
- ◆ Innovative big size LCD display convenient to view the operating parameters
- ◆ US humidifier bottle with 6 PSI pressure relief valve, comfortable to inhale oxygen
- ◆ Inner case housing adopt ceramics technique, non spray paint
- ◆ Customized mute cotton make sure non pulverization phenomenon min 3 years
- ◆ The inside pipeline uses medical grade silicone tube and nylon tube
- ◆ Cooling system: copper tube and aluminum fins, compare with only aluminum or copper tube, better for heat dissipation and ensure the machine to continuously work for 24 hours without overheat interruption.



Model	AE-5-W	JAY-5BW
Oxygen Flow Rate range	5L/Min(can be adjusted 1L-5L/min)	5L/Min(can be adjusted 1L-5L/min)
Oxygen concentration	93% ±3%	93% ±3%
Noise Level	less than 36dB	less than 45dB
Outlet Pressure	45 ± 10% kPa	40kPa-70kPa (6-10 PSI)
Atmospheric Pressure Range	86kPa-106kPa	86kPa-106kPa
Features	Low Noise Design, HEPA Filters, Suitable for 24hrs operation, 20000 hours long working life, Nebulizer (optional), SPO ₂ sensor (optional), Remote control (optional)	Replacable and washable filters, Suitable for 24hrs operation
Alarm	Power failure alarm, Low purity alarm (less than 82%), Overheat alarm, High and low pressure alarm (optional)	Power failure alarm, compressor overheating stop alarm, low flowrate alarm, high & low purity alarm (less than 82%)*
Product Size	372x340x612mm	360x300x600mm
Gross Weight/Net Weight	24/21Kgs	24/22Kgs
Rated Power	390W	540W
Power Supply	220V, 50Hz, 1Ph	220V, 50Hz, 1Ph
Color	Off-white	Off-white
Certifications	CE, ISO-13485, RoHS	CE, ISO-13485

Specifications are subject to change without prior notice due to continuous product development

* When oxygen purity is < 85%, the blue lamp is on, when oxygen purity is <85%, red lamp is on, indicating low purity Accuracy: ±3%

■ Low Noise Design



AE-10-W

10L/minute Flow rate

Trufrost portable oxygen concentrators are designed for a flow rate of 1-10 L/minute and oxygen concentration of 93% ($\pm 3\%$) and comes with alarms for power failure, high and low pressure, low oxygen purity and low flow.

Key Features

- ◆ Filters are easy to replace and wash
- ◆ The metal outlet is designed to be used with the humidifier adaptor
- ◆ The easy dial flow control, makes setting the flow easy for any patients
- ◆ Innovative big size LCD display convenient to view the operating parameters
- ◆ US humidifier bottle with 6 PSI pressure relief valve, comfortable to inhale oxygen
- ◆ Inner case housing adopt ceramics technique, non spray paint
- ◆ Customized mute cotton make sure non pulverization phenomenon min 3 years
- ◆ The inside pipeline uses medical grade silicone tube and nylon tube
- ◆ Cooling system: copper tube and aluminum fins, compare with only aluminum or copper tube, better for heat dissipation and ensure the machine to continuously work for 24 hours without overheat interruption.



Model	AE-10-W
Oxygen Flow Rate range	10L/Min(can be adjusted 1L-10L/min)
Oxygen concentration	93% $\pm 3\%$
Noise Level	less than 50dB
Outlet Pressure	45 \pm 10% kPa
Atmospheric Pressure Range	86kPa-106kPa
Features	Low Noise Design, HEPA Filters, Suitable for 24hrs operation, 20000 hours long working life, Nebulizer (optional), SPO ₂ sensor (optional), Remote control (optional)
Alarm	Power failure alarm, Low purity alarm (less than 82%), Overheat alarm, High and low pressure alarm (optional),
Product Size	372x340x612mm
Gross Weight/Net Weight	28/24Kgs
Rated Power	610W
Power Supply	220V, 50Hz, 1Ph
Color	Off-white
Certifications	CE, ISO-13485, RoHS

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* When oxygen purity is < 85%, the blue lamp is on, when oxygen purity is < 85%, red lamp is on, indicating low purity Accuracy: $\pm 3\%$



TRUFROST COOLING PVT. LTD.

Corporate Office: 1214 & 1215, 12th Floor, Tower B, Emaar Digital Greens, Golf Course Extn. Road, Sector 61, Gurugram - 122011, India

Tel: +91-124-4246560 **Email:** info@trufrost.com **www.trufrost.com**

UAE: +971-54-557-9395, +971-55-676-1323, **Email:** middleeast@trufrost.com



Andhra/Telangana : 9319391543
 Chennai : 7303890587
 Chhattisgarh : 7303890590
 Coldroom (North): 8448445701, 7303196612
 Coldroom (South): 9319399771, 7303890585
 Delhi/NCR : 8448759200, 7303890582
 Goa : 7303890586

Gujarat : 9319579748
 Assam/North-East : 9319391542, 9667795491
 J & K / Himachal : 8448319200, 9319399772
 Karnataka : 7303890588
 Kerala : 7303890587
 Maharashtra : 7303890586
 Mumbai : 7303196614, 9319579748

Orissa : 7303890590, 9667795491
 Punjab / Haryana : 8448319200, 9319399772
 Rajasthan : 9116116765
 UP : 7303196607
 MP : 9319399770
 Uttarakhand : 8448319200, 9319399772
 West-Bengal/Bihar : 7303890590, 9667795491

Cryogenic Freezers • Ultra Low Temperature Freezers • Low Temp Freezers • Biomedical Freezers • Blood Bank Refrigerators • Pharmacy Refrigerators • Ice Lined Refrigerators
 Oxygen Concentrators • Traditional Medicine Coolers • Reach-in Cabinets • Mobile Freezers / Coolers • Blood Platelet Incubators • Lab Use Flake Ice Machines • Coldrooms
 Foot Press Water Dispensers • Mortuary Chambers