



AXS590
Oxygen Concentrator, 5L

AXS590i
Oxygen Concentrator, 5L, OCI

AXS590Hi
Oxygen Concentrator,
5L, OCI, Humidiflow™



New from ACCESS POINT MEDICAL AXS 590 Series Oxygen Concentrators

Modular Design for High Reliability and Ease of Service

- Five Liter Capability
- Innovative, modular design
- Durable cabinet with integrated handle and casters for ease of mobility
- Quiet and lightweight design
- Optional oxygen indicator
- Optional Humidiflow™ moisture exchanger to eliminate the need for external humidification



Order Information:

Product No.	Product Description
AXS590	Oxygen Concentrator, 5L
AXS590i	Oxygen Concentrator, 5L, OCI
AXS590Hi	Oxygen Concentrator, 5L, OCI, Humidiflow™

Standard 3-Year Limited Warranty
Optional 5-Year Limited Warranty

Accessories:

Product No.	Product Description
1120	Tubing, Star Lumen®, 50 ft.
1820	Cannula, Softech®, adult, 7 ft.
1850	Cannula, Dual Lumen, Adult 5 ft.
1952	Oxygen Starter Kit
3230	Disposable Humidifier
770011	Foam Cabinet Filter
770020	Final Bacteria Filter
770029	Inlet Air Filter
770030	Humidifier Adapter Tube

Star Lumen and Softech are trademarks or registered trademarks of Hudson RCI.

CustomerCare Toll Free
1-877-276-4463
877-276-4HME

Specifications:

Oxygen Outlet Flow:	0.5 – 5 LPM
Maximum Outlet Flow:	5 LPM
Low Flow Alarm:	< 0.5 LPM
Outlet Pressure:	5 +/- 0.5 psig
Oxygen Concentration:	93% +/- 3% @ 2 LPM 90% +/- 3% @ 5 LPM
Electrical Rating:	115V, 60 Hz 4.3 Amps
Operating Voltage Range:	107 – 132 VAC; 60 Hz
Operating Environment:	10° C – 35° C; 30-75% Relative Humidity (R.H.) non-condensing Up to 7,500 feet above sea level
Dimensions:	28" H x 17" W x 15" D
Weight:	Product – 52 lbs; Shipping – 59 lbs
Sound Level:	52 dbA
Nominal OCI Thresholds:	Low Oxygen (yellow) 85% Equipment Alarm (red) 73%
Storage Conditions:	-40° C to 70° C, 10 to 100% R.H.
Equipment Class & Type:	Class II (Double Insulated) Type B (Applied Part)
Safety Standard:	UL60601-1
EMC Standard:	IEC 60601-1-2



Good Products ■ Great Prices ■ Nice People

High Reliability and Ease of Service for Reduced Provider Cost of Ownership

Optional Humidiflow™

- The advanced technology of the Humidiflow humidifier, available on the AXS 590Hi, adds moisture to oxygen output without the need for an external water-filled bubble humidifier.
- Transfers 80% – 90% of relative humidity from room air
 - Eliminates the need for external humidifiers and associated service and stocking costs
 - No risk of cross contamination
 - Increased product life

Humidiflow is a trademark or registered trademark of Porous Media, Inc.



Easy access to circuit breaker, hour meter and filter

The AXS 590 Series Concentrators are designed with simplicity in mind—

- Easy service and repair
- Four modular systems: oxygen module, circuit board, compressor and optional Humidiflow
- Four easy to reach bolts to remove cabinet
- Easy to reach filters

AXS-590i

- Normal Oxygen ●
- Low Oxygen Action Required ▲
- Equipment Alarm Contact Provider For Service ●
- Power ●

Optional Oxygen Concentrator Indicator (OCI) allows user to monitor oxygen output. This feature is available on the 590i and 590Hi.

Green: Normal Operation
Yellow: O₂ Concentration below 85%
Red: Product malfunction
(Accompanied by audible tone)



Innovative Oxygen Module

- The oxygen module is designed to improve reliability by eliminating multiple tubing connections that can affect oxygen purity.
- Modular unit means fewer exposed connections—less time spent troubleshooting leaks
 - Module is quick & easy to replace if repairs are needed
 - See comparison between AXS 590 oxygen module and a major competitor's design (left)



AXS 590 Series

Brand X



Final bacteria filter can be replaced without removing the cover.

Long-life compressor designed for 25,000 hours of maintenance-free use

