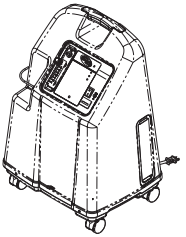
User Manual

Platinum™ Series

Oxygen Concentrators Standard, with SensO$_2$® and HomeFill®



Invacare 10 with SensO$_2$
Model IRC10LXO2

Invacare 10
Model IRC10LX

Dealer: This manual MUST be given to the end user.
User: Before using this product, read this manual and save for future reference.



For more information regarding Invacare products, parts, and services, please visit www.invacare.com

INVACARE®

Yes, you can.®

⚠ WARNING

DO NOT use this product or any available optional equipment without first completely reading and understanding these instructions and any additional instructional material such as owner's manuals, service manuals or instruction sheets supplied with this product or optional equipment. If you are unable to understand the warnings, cautions or instructions, contact a healthcare professional, dealer or technical personnel before attempting to use this equipment - otherwise, injury or damage may occur.

⚠ ACCESSORIES WARNING

Invacare products are specifically designed and manufactured for use in conjunction with Invacare accessories. Accessories designed by other manufacturers have not been tested by Invacare and are not recommended for use with Invacare products.

ACCESSORIES

There are many different types of humidifiers, oxygen tubing, cannulas and masks that can be used with this device. You should contact your local home care provider for recommendations on which of these devices will be best for you. They should also give you advice on the proper usage, maintenance, and cleaning.

The supply accessories (nasal cannula, mask, tubing, humidifier, etc.) used to deliver oxygen to the patient may include a means to reduce the propagation of fire in the accessories for the safety of the patient and others. If a commercially available, fire-activated flow stop device is used in the accessories setup, it should be placed as close to the patient as practicable.

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SPECIAL NOTES

Signal words are used in this manual and apply to hazards or unsafe practices which could result in personal injury or property damage. Refer to the following table for definitions of the signal words.

SIGNAL WORD	MEANING
⚠ **DANGER**	Danger indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
⚠ **WARNING**	Warning indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
CAUTION	Caution indicates a potentially hazardous situation which, if not avoided, may result in property damage or minor injury or both.

NOTICE

The information contained in this document is subject to change without notice.

⚠ DANGER

DO NOT SMOKE while using this device. Keep all matches, lighted cigarettes or other sources of ignition out of the room in which this product is located and away from where oxygen is being delivered.

NO SMOKING signs should be prominently displayed. Textiles and other materials that normally would not burn are easily ignited and burn with great intensity in oxygen enriched air. Failure to observe this warning can result in severe fire, property damage and cause physical injury or death.

CAUTION

"Caution: Federal law restricts this device to sale or rental by or on order of a physician, or any other practitioner licensed by the law of the State in which he/she practices to use or order the use of this device."

Invacare recommends an alternate source of supplemental oxygen in the event of a power outage, alarm condition or mechanical failure. Consult your physician or equipment provider for the type of reserve system required.

This equipment is to be used as an oxygen supplement and is not considered life supporting or life sustaining.

LABEL LOCATION

IRC10LX

HomeFill® Compatible

SEE USER MANUAL OR CONTACT YOUR HOME EQUIPMENT PROVIDER FOR SAFE OPERATING INSTRUCTIONS, ALARMS, AUDIBLE ALERTS AND USE OF ACCESSORIES.

I/O ○

⚠ DANGER RISK OF FIRE - NO SMOKING, OPEN FLAME OR IGNITION SOURCES

Keep ALL sources of ignition out of the room in which this product is located and away from areas where oxygen is being delivered. Textiles, oil and other combustibles are easily ignited and burn with great intensity in oxygen enriched air.

⚠ DANGER RISK OF ELECTRIC SHOCK

DO NOT remove cover. Refer servicing to qualified service personnel.

⚠ CAUTION Federal (USA) law restricts this device to sale by or on the order of a physician.

P/N 1130062 Rev C

IRC10LXO2

HomeFill® Compatible with SensO$_2$ ™

SEE USER MANUAL OR CONTACT YOUR HOME EQUIPMENT PROVIDER FOR SAFE OPERATING INSTRUCTIONS, ALARMS, AUDIBLE ALERTS AND USE OF ACCESSORIES.

O_2 ○

⚠ DANGER RISK OF FIRE - NO SMOKING, OPEN FLAME OR IGNITION SOURCES

Keep ALL sources of ignition out of the room in which this product is located and away from areas where oxygen is being delivered. Textiles, oil and other combustibles are easily ignited and burn with great intensity in oxygen enriched air.

⚠ DANGER RISK OF ELECTRIC SHOCK

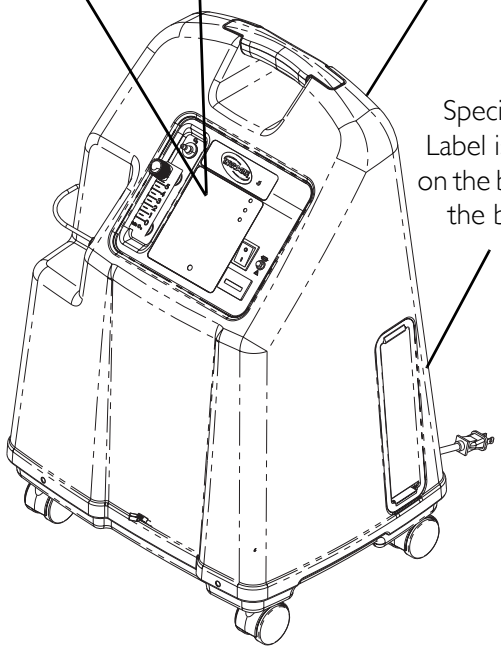
DO NOT remove cover. Refer servicing to qualified service personnel.

⚠ CAUTION Federal (USA) law restricts this device to sale by or on the order of a physician.

P/N 1125073 Rev C

Serial Number Label is located on the resonator intake assembly

Specification Label is located on the back near the bottom



SECTION 1—GENERAL GUIDELINES

In order to ensure the safe installation, assembly and operation of the Platinum concentrator these instructions MUST be followed.

⚠ WARNING

This section contains important information for the safe operation and use of this product.

To Reduce the Risk of Burns, Electrocution, Fire or Injury to Persons

⚠ DANGER

Risk of electric shock. DO NOT disassemble. Refer servicing to qualified service personnel. No user serviceable parts.

Avoid using while bathing. If continuous usage is required by the physician's prescription, the concentrator MUST be located in another room at least 7 ft from the bath.

DO NOT come in contact with the concentrator while wet.

DO NOT place or store product where it can drop into water or other liquid.

DO NOT reach for product that has fallen into water. Unplug IMMEDIATELY.

If the concentrator has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water, call qualified technician for examination and repair.

A spontaneous and violent ignition may occur if oil, grease or greasy substances come in contact with oxygen under pressure. These substances MUST be kept away from the oxygen concentrator, tubing and connections, and all other oxygen equipment. DO NOT use any lubricants unless recommended by Invacare.

Avoid creation of any spark near medical oxygen equipment. This includes sparks from static electricity created by any type of friction.

Operating Information

For optimum performance, Invacare recommends that each concentrator be on and running for a minimum of 30 minutes at a time. Shorter periods of operation may reduce maximum product life.

Keep the oxygen tubing, cord, and unit out from under such items as blankets, bed coverings, chair cushions, clothing and away from heated or hot surfaces, including space heaters, stoves and similar electrical appliances.

DO NOT move or relocate concentrator by pulling on the power cord.

NEVER drop or insert any object or liquid into any opening.

Invacare recommends that Crush-Proof oxygen tubing be used with this product and not exceed 15.2 m (50 ft) in length.

There are no user serviceable parts. This does not include normal maintenance items. See maintenance section for user maintenance items.

A product should NEVER be left unattended when plugged in. Make sure the Platinum is Off when not in use.

Close supervision is necessary when this product is used near children or physically-challenged individuals.

Additional monitoring or attention may be required for patients using this device who are unable to hear or see alarms or communicate discomfort.

DO NOT connect the concentrator in parallel or series with other oxygen concentrators or oxygen therapy devices.

Radio Frequency Interference

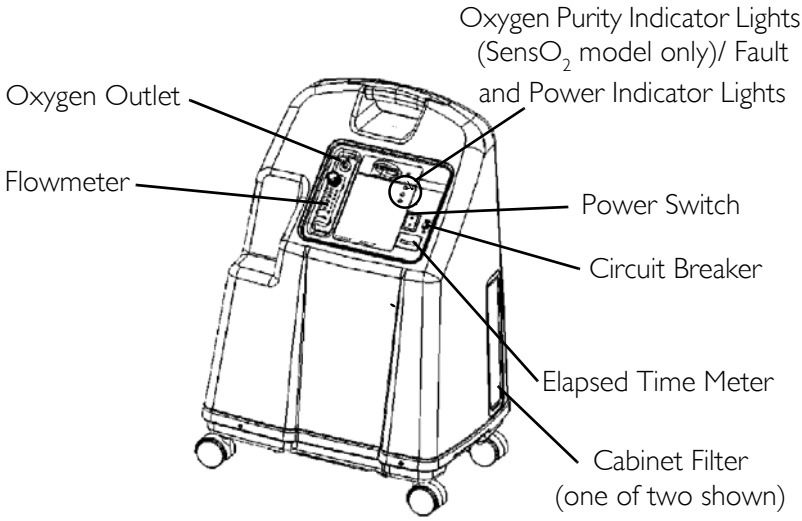
This equipment has been tested and found to comply with EMC limits specified by IEC/EN 60601-1-2. These limits are designed to provide a reasonable protection against electromagnetic interference in a typical medical installation.

Other devices may experience interference from even the low levels of electromagnetic emissions permitted by the above standards. To determine if the emissions from the Platinum is causing the interference, turn the Platinum Off. If the interference with the other device(s) stops, then the Platinum is causing the interference. In such rare cases, interference may be reduced or corrected by one of the following measures:

- Reposition, relocate, or increase the separation between the equipment.

Connect the equipment into an outlet on a circuit different from that to which the other device(s) is connected.

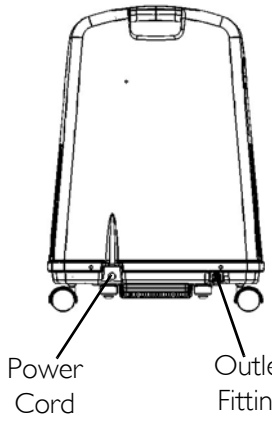
SECTION 2—FEATURES



ACCESSORIES (NOT SHOWN):

HomeFill home oxygen compressor - IOH200

REAR VIEW



NOTE: This outlet fitting is to be used only for filling oxygen cylinders with the HomeFill home oxygen compressor. The outlet fitting does not affect concentrator performance. Refer to the HomeFill owner's manual, part number 1100873, for connection and operating instructions. When not in use, the plug provided with the concentrator should be inserted into the outlet fitting. For more information about the HomeFill, contact your Invacare dealer.

SECTION 3—HANDLING

The concentrator should ALWAYS be kept in the upright position to prevent cabinet damage while being transported.

If the concentrator is to be reshipped by common carrier, additional cartons are available from Invacare.

Unpacking

NOTE: For this procedure, refer to FIGURE 3.1.

1. Check for any obvious damage to the carton or its contents. If damage is evident, notify the carrier, or your local dealer.
2. Remove all loose packing from the carton.
3. Carefully remove all the components from the carton.

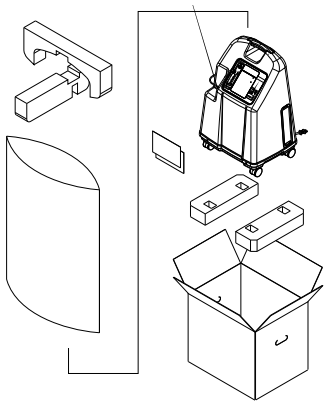


FIGURE 3.1 Unpacking

NOTE: Unless the oxygen concentrator is to be used immediately, retain containers and packing materials for storage until use of the concentrator is required.

Inspection

Inspect/examine exterior of the oxygen concentrator for nicks, dents, scratches or other damages. Inspect all components.

Storage

1. Store the repackaged oxygen concentrator in a dry area.
2. DO NOT place objects on top of repackaged concentrator.

SECTION 4—TYPICAL PRODUCT PARAMETERS

Electrical Requirements:	120 VAC ± 10% (132 VAC/108 VAC), 60 Hz
Rated Current Input:	4.7 A
Sound Level:	58 dB Average
Altitude:	Platinum 10 - Up to 4,000 ft (1230 meters) above sea level without degradation of concentration levels.
*Oxygen Output Concentration Levels:	87% to 95.6% for flows ranging 2 L to 10 L/min
Maximum Outlet Pressure:	9 psi ± 0.5 psi (62.0 kPa ± 3.45 kPa)

**NOTE: Stated concentration levels achieved after initial warm-up period (approximately 30 minutes).*

Flow Range:	2 L/min to 10 L/min
Potential Obstruction Alert:	The concentrator detects a condition that may indicate a potential obstruction of the output oxygen. Rapid audible beeping alert (this alert is deactivated when accessories are connected). May be associated with flow setting of 1 L/min or less.
Average Power Consumption:	585W
Pressure Relief Mechanism Operational at:	35 psi ± 3.5 psi (241 kPa ± 24.1 kPa)
Change in maximum recommended flow when back pressure of 7kPa is applied:	0.7 L/min
Filters:	Cabinet (2), Outlet HEPA and Compressor Inlet.
Safety System:	Current overload or line surge shutdown. High temperature compressor shutdown. High Pressure Alarm w/compressor shutdown. Low Pressure Alarm w/compressor shutdown. Battery Free Power Loss Alarm. SensO_2 Oxygen System Possible Obstruction Alert.
Width:	18 3/8 in ± 3/8 in (46.7 cm ± 1 cm)
Height:	26 3/8 in ± 3/8 in (67.0 cm ± 1 cm)
Depth:	14 3/8 in ± 3/8 in (36.5 cm ± 1 cm)
Weight:	53 lbs ± 2 lbs (24.0 kg ± 1 kg)
Shipping Weight:	Platinum 10: 60 lbs ± 2 lbs (27.2 kg ± 1 kg)
Operating Ambient Temperature:	50°F - 95°F (10°C - 35°C) at 20-60% relative humidity
Exhaust:	Less than Ambient + 45°F (+25°C)

Oxygen Output Temperature:	Less than Ambient + 8°F (+4.4°C)
Cabinet:	Impact Resistant flame-retardant plastic cabinet that conforms to UL 94-V0
Regulatory Listing:	Double Insulated Product ETL certified complying with UL 1097 ETL certified to CSA C22.2 No. 68
Electrical:	No extension cords.
Placement:	No closer than three inches from any wall, furniture, draperies, or similar surfaces.
Tubing:	7 ft cannula with a maximum 50 ft of Crush-Proof Tubing (DO NOT pinch). Recommended use up to 50 ft high flow tubing with high flow cannula at all flow rates.
Relative Humidity:	20 to 60%
Time of Operation:	Up to 24 hours per day.
Recommended Storage and Shipping Temperature:	-20°F to 150°F (-29°C to 65°C), at 15-95% relative humidity

SECTION 5—OPERATING INSTRUCTIONS

Introduction

Your oxygen concentrator is intended for individual use indoors. It is an electronically operated device that separates oxygen from room air. It provides high concentration of oxygen directly to you through a nasal cannula. Clinical studies have documented that oxygen concentrators are therapeutically equivalent to other types of oxygen delivery systems.

Your provider will show you how to use your oxygen concentrator. He/She should be contacted with any questions or problems regarding your oxygen concentrator. This owner's manual will tell you about your concentrator and will serve as a reference as you use your concentrator.

Select a Location

⚠ WARNING

NEVER block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air opening may be blocked. Keep the openings free from lint, hair and the like.

Move oxygen concentrator at least 3 inches away from walls, draperies or furniture.

You may select a room where using your oxygen concentrator would be most convenient. Your concentrator can be easily rolled from room to room on its casters.

The air intake of the unit should be located in a well ventilated area to avoid airborne pollutants and/or fumes. DO NOT place in a closet.

Set-Up

Plug in Power Cord

Plug in power cord to an electrical outlet.

⚠ POLARIZED PLUG WARNING

As a safety feature, this appliance may have a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. DO NOT attempt to defeat this safety feature.

Connect Humidifier (If So Prescribed)

⚠ WARNING

DO NOT overfill humidifier.

DO NOT reverse the oxygen input and output connections. Water from the humidifier bottle will travel through the cannula back to the patient.

NOTE: For this procedure, refer to FIGURE 5.1, FIGURE 5.2 and FIGURE 5.3 on page 17 and FIGURE 5.4 on page 18.

NOTE: Recommended humidifier is high flow: MS0481.

1. Remove cap and fill humidifier bottle with distilled water to the level indicated by the manufacturer.
2. Replace the humidifier cap and securely tighten.

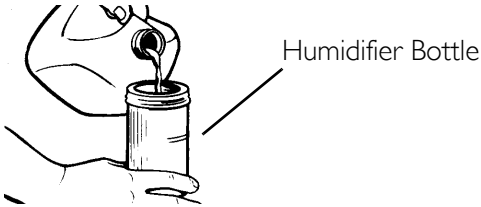


FIGURE 5.1 Filling the Humidifier

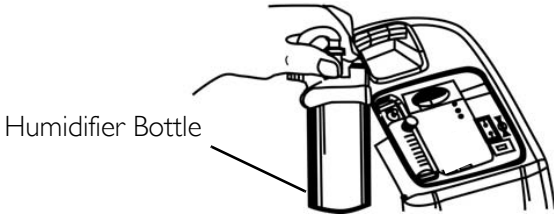


FIGURE 5.2 Humidifier Compartment

3. Remove the filter access door located on the side of the concentrator. Insert a flathead screwdriver in the plate groove on the top edge of the filter access door and gently pry the filter access door open. Refer to Detail "A" in FIGURE 5.3.
4. The humidifier adapter is next to the inlet filter. Pull up and remove the humidifier bottle adapter. Refer to Detail "B" in FIGURE 5.3.
5. Attach it to the humidifier by turning the wing nut on the humidifier bottle counterclockwise until it is securely fastened. Refer to Detail "C" in FIGURE 5.3.
6. Place the humidifier bottle in the humidifier compartment.

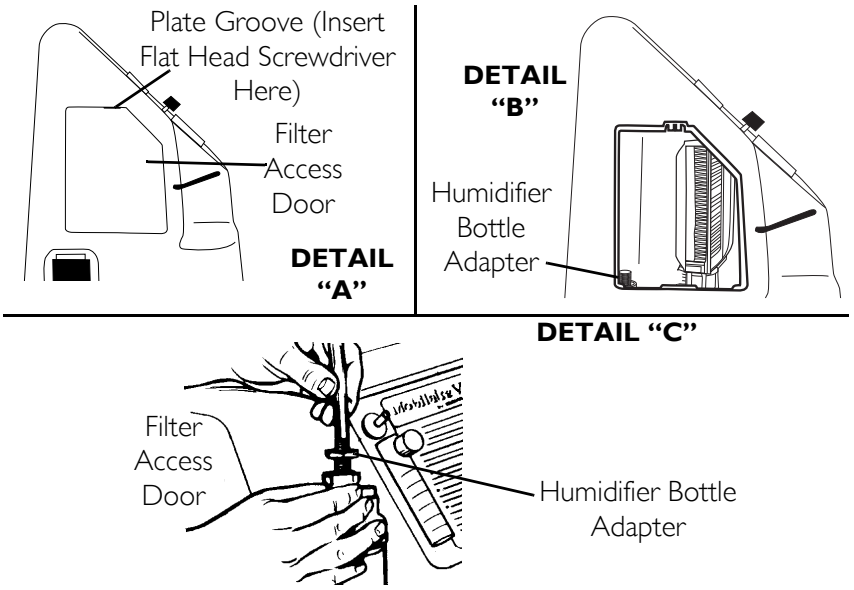


FIGURE 5.3 Attaching the Humidifier Bottle Adapter

7. Attach oxygen tubing from the humidifier bottle to oxygen outlet connector on the oxygen concentrator (FIGURE 5.4).
8. Attach the cannula/patient supply tubing to the humidifier bottle outlet (FIGURE 5.4).
9. After assembly, ensure that oxygen is flowing through the cannula.

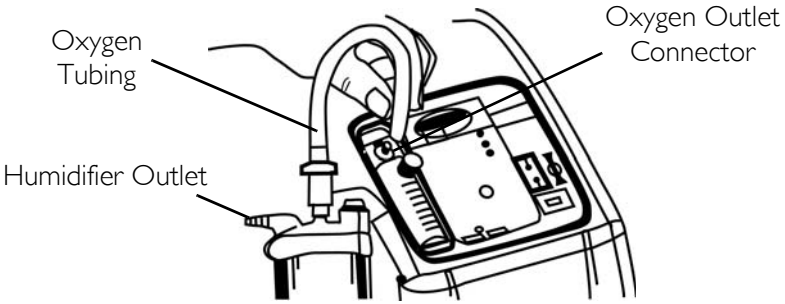


FIGURE 5.4 Attaching the Oxygen Tubing

Power Switch

NOTE: For this procedure, refer to FIGURE 5.5 on page 18.

1. Press power switch to on position. All the panel lights and the audible alarm will come on for one second, indicating that the unit is functioning properly.

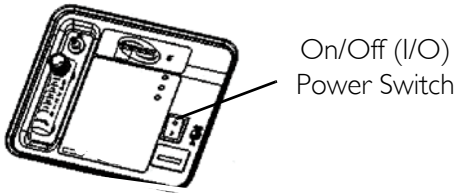


FIGURE 5.5 Power Switch

Flowrate

NOTE: For this procedure, refer to FIGURE 5.6 on page 19.

1. Turn the flowrate knob to the setting prescribed by your physician or therapist.

CAUTION

Never set the flow greater than 10L/min.

⚠ WARNING

DO NOT change the L/min setting on the flowmeter unless a change has been prescribed by your physician or therapist.

NOTE: To properly read the flowmeter, locate the prescribed flowrate line on the flowmeter. Next, turn the flow knob until the ball rises to the line. Now, center the ball on the L/min. line prescribed.

NOTE: A Potential Obstruction Alert indicates a condition that may be associated with a partial or complete obstruction of oxygen output.

2. If the flowrate on the flowmeter ever falls below 1 L/min for more than about one minute, the Potential Obstruction Alert will be triggered. This is a rapid beeping of the audible alarm. Check your tubing or accessories for blocked or kinked tubing or a defective humidifier bottle. After rated flow is restored to 1 L/min, the Potential Obstruction Alert will go off.

NOTE: The use of some accessories such as the HomeFill compressor will deactivate the Potential Obstruction Alert.

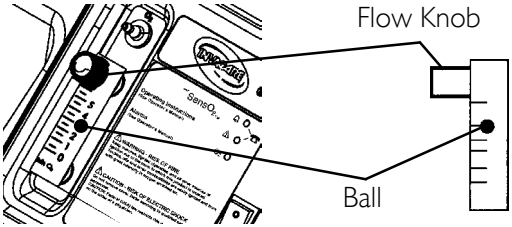


FIGURE 5.6 Flowrate

Front Panel Indicators - Units with SensO$_2$

NOTE: For this procedure, refer to FIGURE 5.7.

The SensO$_2$ feature monitors the purity of oxygen generated by the oxygen concentrator. If purity falls below factory preset standards, indicator lights on the control panel will illuminate.

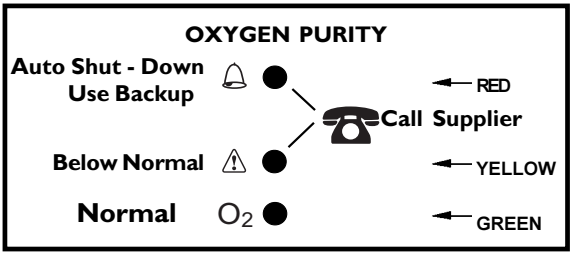


FIGURE 5.7 Front Panel Indicators - Units with SensO2

Initial Startup of the Concentrator

NOTE: Concentrator may be used during the initial start warm-up time (approximately 30 min.) while waiting for the O_2 purity to reach maximum.

LABEL SYMBOL	O_2 PURITY	INDICATOR LIGHTS (LED)
O_2	SYSTEM OKAY O_2 over 85%	GREEN Indicator Light
⚠	O_2 Between 73% to 85%	YELLOW Indicator light A. YELLOW Solid B. YELLOW Flashing Sensor Failure Call a qualified technician. Have a back-up supply of oxygen ready.
🔔	SYSTEM FAILURE O_2 Below 73%	RED Indicator Light Continuous Audible Alarm Sieve-GARD™ Compressor Shutdown. Call a qualified technician. Switch to a back-up supply of oxygen immediately.

Front Panel Indicators - Units without SensO$_2$

NOTE: For this procedure, refer to FIGURE 5.8.

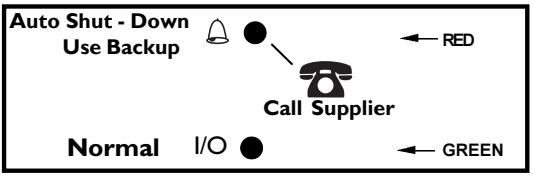


FIGURE 5.8 Front Panel Indicators - Units without SensO2

Initial Startup of the Concentrator

NOTE: Concentrator may be used during the initial start warm-up time (approximately 30 min). O_2 purity will build to a maximum during this period.

LABEL SYMBOL	STATUS	INDICATOR LIGHTS (LED)
I/O	SYSTEM OKAY	GREEN Indicator Light
	SYSTEM FAILURE	RED Indicator light Continuous Audible Alarm Sieve-GARD Compressor Shutdown. Call a qualified technician. Switch to a back-up supply of oxygen immediately.

SECTION 6—MAINTENANCE

⚠ WARNING

The Invacare concentrators are specifically designed to minimize routine preventive maintenance. Only qualified personnel should perform preventive maintenance on the concentrator.

Unplug the concentrator when cleaning. To avoid electrical shock, DO NOT remove cabinet.

NOTE: At a minimum, preventive maintenance MUST be performed according to the maintenance record guidelines. In places with high dust or soot levels, maintenance may need to be performed more often. Refer to Preventive Maintenance Record on page 24.

Routine Maintenance

Cleaning the Cabinet Filter

CAUTION

DO NOT operate the concentrator without the filter installed.

NOTE: For this procedure, refer to FIGURE 6.1 on page 23.

NOTE: There are two cabinet filters one located on each side of the cabinet.

1. Remove the filter and clean as needed.

NOTE: Environmental conditions that may require more frequent cleaning of the filters include but are not limited to: high dust, smoking, air pollutants, etc.

2. Clean the cabinet filters with a vacuum cleaner or wash in warm soapy water and rinse thoroughly.
3. Dry the filters thoroughly before reinstallation.

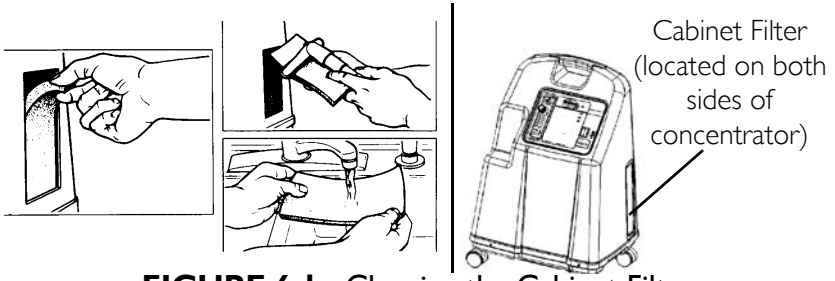


FIGURE 6.1 Cleaning the Cabinet Filter

Cleaning the Cabinet

⚠ WARNING

UNPLUG the concentrator when cleaning. To avoid electrical shock, DO NOT remove cabinet.

Clean the cabinet with a mild household cleaner and non-abrasive cloth or sponge.

Cleaning the Humidifier

NOTE: To clean the oxygen humidifier, follow the instructions provided by the manufacturer. If none are provided, follow these STEPS:

1. Clean the humidifier every day.
2. Wash it in soapy water and rinse it with a solution of ten parts water and one part vinegar.
3. Rinse thoroughly with hot water and refill with distilled water to the level shown on the humidifier.

MODEL NO. IRC _____ **SERIAL NO.** _____

PREVENTIVE MAINTENANCE RECORD

Yes, you can:

ON EACH INSPECTION																								
Record Date of Service																								
Record Elapsed Hours On Hour Meter																								
Clean Cabinet Filter(s)																								
Check Prescribed L/min. Flow Rate																								
DURING PREVENTIVE MAINTENANCE SCHEDULE, OR BETWEEN PATIENTS																								
UNITS WITHOUT SensO $_2$ **- EVERY 4,380 HOURS**																								
Check Oxygen Concentration																								
Clean/Replace Cabinet Filter(s)																								
Check Outlet HEPA Filter*																								
Check Compressor Inlet Filter*																								
Check Power Loss Alarm																								
UNITS WITH SensO $_2$ **- EVERY 26,280 HOURS OR 3 YEARS, WHICHEVER COMES FIRST**																								
Check Oxygen Concentration																								
Clean/Replace Cabinet Filter(s)																								
Check Outlet HEPA Filter*																								
Check Compressor Inlet Filter*																								
Check Power Loss Alarm																								

**NOTE: Refer to Preventive Maintenance section of Service Manual.*

NOTE:

4,380 hours are equivalent to usage 24 hours per day, 7 days per week, for 6 months.

26,280 hours are equivalent to usage 24 hours per day, 7 days per week, for 3 years.

FIGURE 6.2 Preventive Maintenance Record

SECTION 7—TROUBLESHOOTING GUIDE

SYMPTOM:	PROBABLE CAUSE:	SOLUTION:
Alarm: SHORT BEEPS, LONG PAUSE Concentrator NOT operating, power switch ON. Beep.....Beep.....	**Main Power Loss:** 1. Power cord NOT plugged in.	1. Insert plug into outlet.
	2. No power at outlet.	2. Inspect house circuit breakers or fuses. If problem recurs, use a different outlet.
	3. Tripped circuit breaker.	3. Call Service Provider.
Alarm: CONTINUOUS Concentrator NOT operating, Power Switch ON. Beeeeeeeep....	**System Failure:** 1. Unit overheating due to blocked air intake.	1a. Remove and clean cabinet filters.
		1b. Move oxygen concentrator at least three inches away from walls, draperies or furniture.
	2. Insufficient power at outlet.	2. DO NOT use extension cords. Move to another electrical outlet or circuit.
	3. Internal repairs required	3. Call Service Provider.
Alarm: RAPID Beep....Beep... Beep...Beep	**Potential Obstruction Alert:** 1a. Possible internal obstruction in the oxygen path. 1b. Kinked or blocked tubing, cannula or humidifier.	1. Inspect for kinks or blockages. Correct, clean or replace item. Once corrected, turn power OFF for 60 seconds and then turn power back ON.
	2. Flowmeter set too low: 1.0 L/min (or less).	2. Possible internal obstruction in the oxygen path. 3. Reset flowmeter to prescribed flowrate.

SYMPTOM:	PROBABLE CAUSE:	SOLUTION:
YELLOW or RED LIGHT Illuminated. **Alarm:** CONTINUOUS On red light only. * Only applies to SensO_2 models.	1. Low oxygen purity.*	1. Clean or Replace filters.
	2. Kinked or blocked tubing, cannula or humidifier.*	2. Inspect for kinks or blockages. Correct, clean or replace item. Once corrected, turn power OFF for 60 seconds and then turn power back ON.
	3. Flowmeter set too low: 1.0 L/min (or less).	3. Check flowmeter is set to 1.0 L/min. or more.
	4. Unit overheating due to blocked air intake.	4.a. Remove and clean cabinet filters.
		4b. Move concentrator at least three inches from walls, draperies, and furniture.
	5. Insufficient power at outlet.	5. DO NOT use extension cords. Move to another electrical outlet or circuit.
	6. Internal repairs required.	6. Call Service Provider.
GREEN LIGHT with YELLOW Light Flashing.	1. Internal repairs required.	1. Call Service Provider.

LIMITED WARRANTY

NOTE: THE WARRANTY BELOW HAS BEEN DRAFTED TO COMPLY WITH FEDERAL LAW APPLICABLE TO PRODUCTS MANUFACTURED AFTER JULY 4, 1975.

This warranty is extended only to the original purchaser who purchases this product when new and unused from Invacare Corporation or a dealer. This warranty is not extended to any other person or entity and it is not transferable or assignable to any subsequent purchaser or owner. Coverage under this warranty will end upon any such subsequent sale or other transfer of title to any other person. This warranty gives you specific legal rights and you may also have other legal rights which may vary from state to state.

Invacare Corporation warrants its Platinum 10 Oxygen Concentrators when purchased new and unused to be free from defects in materials and workmanship for a period of three years from date of purchase from Invacare or a dealer, with a copy of the seller's invoice required for coverage under this warranty.

DO NOT OPEN OR ATTEMPT TO SERVICE THE 4-WAY VALVE BODY. This will void any and all warranty applicable to the valve body. If within such warranty periods any such product shall be proven to Invacare Corporation's satisfaction to be defective, such product shall be repaired or replaced, at Invacare Corporation's option. This warranty only applies to the labor for repairs performed by the Invacare Service Department or Invacare Authorized Service Centers. It does not apply to the labor performed by the purchaser or user. This warranty does not include normal wear and tear or shipping charges. Invacare Corporation's sole obligation and your exclusive remedy under this warranty shall be limited to such repair or replacement. Routine maintenance items, such as filters, are excluded from this warranty.

For warranty service, please contact Invacare Corporation's Service Department at the toll free number on the back cover. Upon receiving notice of an alleged defect in a product, Invacare Corporation will issue a serialized return authorization. It shall then be the responsibility of the purchaser to return the entire unit or remove, at purchaser's cost, the defective component part(s) identified, pack the component part(s) in a manner to avoid shipping damage and to ship the component part(s) to either Invacare Corporation's plant or service center as specified by Invacare Corporation in advance. Defective component part(s) MUST be returned for warranty inspection using the serial number as identification within thirty (30) days of return authorization date. DO NOT return products to our factory without prior consent. C.O.D. shipments will be refused; please prepay shipping charges.

LIMITATIONS AND EXCLUSIONS: THE FOREGOING WARRANTY SHALL NOT APPLY TO PRODUCTS SUBJECTED TO NEGLIGENCE, ACCIDENT, IMPROPER OPERATION, MAINTENANCE OR STORAGE, SOOT OR SMOKE-FILLED ENVIRONMENTS, OR OTHER THAN NORMAL APPLICATION, USE OR SERVICE, OR TO PRODUCTS MODIFIED WITHOUT INVACARE CORPORATION'S EXPRESS WRITTEN CONSENT (INCLUDING, BUT NOT LIMITED TO, MODIFICATION THROUGH THE USE OF UNAUTHORIZED PARTS OR ATTACHMENTS) OR TO PRODUCTS DAMAGED BY REASON OF REPAIRS MADE TO ANY COMPONENT WITHOUT THE SPECIFIC CONSENT OF INVACARE CORPORATION OR TO PRODUCTS DAMAGED BY CIRCUMSTANCES BEYOND INVACARE CORPORATION'S CONTROL.

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SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGE, OR LIMITATION OF HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY SHALL BE EXTENDED TO COMPLY WITH STATE/PROVINCIAL LAWS AND REQUIREMENTS.

Invacare Corporation www.invacare.com

Yes, you can.

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