



Invacare Concentrator

Client:		
Step	Details	Complete (check)
Concentrator Set Up - Location	Select a location for the unit that is flat and allows for at least 3" of space between the unit and walls, draperies furniture etc.	
Concentrator Operation - Power	Plug in the concentrator, avoid using extension cords or power strips whenever possible.	
Concentrator Operation - Smoking Safety	DO NOT PERMIT SMOKING IN THE SAME ROOM AS YOUR OXYGEN EQUIPMENT. Place a Tender Care NO SMOKING sign on all exterior doors.	
Concentrator Operation - Powering On	Push the power button to the on position, the concentrator will beep. Allow up to 10 minutes (max of 30) to reach max o2 purity.	
Concentrator Operation - Humidifier (AS APPLICABLE)	Only useful for flow rates above 2 L/min via nasal cannula. Fill humidifier bottle with distilled water. Install bottle on the front of the concentrator by attaching the bottle adaptor to the concentrator outlet connector.	
Concentrator Operation - Connecting Oxygen Tubing	Connect the oxygen tubing to the concentrator outlet connector. The max distance the line can be is 50 feet plus a 7ft cannula.	
Concentrator Operation - Connecting Oxygen Tubing to Canula (AS APPLICABLE)	Connect the oxygen tubing to the client cannula using a swivel adaptor.	
Concentrator Operation - Setting Flow	Use the dial on the flowmeter to adjust the o2 output to the client's prescribed liter per minute (lpm). The concentrator cannot be set to lower than 0.5 L/min.	

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Concentrator Operation - Pediatric Flowmeter	If the client needs a flow of less than 0.5 L/min the use a of Pediatric Flowmeter is required.	
Concentrator Lights - Red (Top)	System Failure, o2 below 73%. Immediately switch to backup oxygen. Call Tender Care.	
Concentrator Lights - Yellow (Middle)	System Issue, o2 between 73-85%. Call Tender Care, be certain back up oxygen is nearby. Will be illuminated for up to 10 minutes upon concentrator start up.	
Concentrator Lights - Green (Bottom)	System is OK. O2 above 85%.	
Maintenance - Humidifier (AS APPLICABLE)	1/day, wash with soapy water and rinse, soak for 10 minutes on 10 parts water to 1 part white vinegar, rinse thouroughly, fill with distilled water and install.	
Maintenance - Nasal Cannula (AS APPLICABLE)	1/day, wash with soapy water and rinse, soak for 10 minutes on 10 parts water to 1 part white vinegar, rinse thouroughly, hang to dry.	
Maintenance - Course Filter	1/week, turn off compressor, unplug unit, remove filter, rinse under water, squeeze dry with paper towel, install filter.	
Maintenance - Concentrator Cabinet	As needed, turn off compressor, unplug unit, wipe cabinet with mild dish detergent and water, dry with paper towel.	
Parts Replacement	<ol style="list-style-type: none"> 1. Humidifier (AS APPLICABLE) - 2/year 2. Tubing - 2/year 3. Cannula - 2/month or after illness 	

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Troubleshooting - Short Beeps, Long Pause	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.	
Troubleshooting - Continuous Alarm	Alarm: Continuous Concentrator not operating, Power Switch On. Beeeeeeep....	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.	
Troubleshooting - Rapid Beeps	Alarm: Rapid Beep....Beep... Beep...Beep	Low Flow Alarm: 1. 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 at 0.5 L/min or less.	2. Reset flowmeter to prescribed flowrate. If prescribed flowrate is below 0.5 L/min, use the Pediatric Flowmeter IRCPF16 (Only with Perfecto ₂ 5).	