

**SECTION 5—INDICATOR LIGHTS**

INDICATOR LIGHT COLOR	COMPRESSOR STATUS	EFFECT
None	Compressor is Off	O <sub>2</sub> flowing to user if concentrator is on
O <sub>2</sub> BELOW NORMAL - YELLOW	Compressor is On and warming up (0-3 minutes after power is On)	Cylinder filling not started O <sub>2</sub> flowing to user if concentrator is On
	O <sub>2</sub> from concentrator is < 90% (any time after three (3) minute warm-up)	Cylinder filling stops, will restart when O <sub>2</sub> > 90% O <sub>2</sub> flowing to user if concentrator is On
FILLING - GREEN	Compressor is On and cylinder is filling. O <sub>2</sub> from concentrator is >90% (any time after three (3) minute warm-up)	Cylinder is filling
		O <sub>2</sub> flowing to user if concentrator is On
FULL - GREEN	Compressor is On. Cylinder is finished filling (full) -remove cylinder (FULL light is On in >10 mins.) or Cylinder is not attached properly - check connection (FULL light is On in <10 mins.)	Cylinder filling stops Cannot fill another cylinder until compressor is turned Off and On again  O <sub>2</sub> flowing to user if concentrator is On

**SECTION 5—INDICATOR LIGHTS**

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INDICATOR LIGHT COLOR	COMPRESSOR STATUS	EFFECT
ATTENTION - RED (Audible Alarm)	Compressor is On. Cylinder NOT filling Causes: Full cylinder attached when unit turned On - replace with empty cylinder or Internal failure - contact dealer	Compressor does not begin to fill or stops filling Unit must be turned Off and On before filling can occur  O <sub>2</sub> flowing to user if concentrator is On

## SECTION 6—TROUBLESHOOTING/ CYLINDER FILL TIMES

TROUBLESHOOTING	
PROBLEM	SOLUTION
No indicator lights on when compressor turned on.	<ol style="list-style-type: none"> <li>1. Turn compressor Off.</li> <li>2. Check that power cord is properly plugged into compressor and wall outlet.</li> <li>3. Turn the compressor ON.</li> <li>4. Clean air filters. Refer to <u>Maintenance</u> on page 36.</li> <li>5. If performing STEPS 1-4 does not cause any indicator lights to come on, contact your Home Health Care Provider or Invacare for service.</li> </ol>
RED Light ON	<ol style="list-style-type: none"> <li>1. Check the cylinder gauge to see if it is FULL. Cylinder full - Remove the cylinder and turn the unit Off. Perform the <u>Cylinder Prefill Inspection</u> on page 15 with a cylinder that is NOT FULL. Cylinder not full - Proceed to STEP 2.</li> <li>2. Check that the cylinder is connected properly. Turn the compressor Off. Remove the cylinder and reinstall. Turn the compressor On.</li> <li>3. If cylinder is not full and is connected properly, the compressor may have internal failure. Contact your Home Health Care Provider or Invacare.</li> </ol>
Compressor cycles ON and Off or O <sub>2</sub> BELOW NORMAL (YELLOW) and FILLING (GREEN) lights are alternating or O <sub>2</sub> BELOW NORMAL (YELLOW) light goes On and Off	<ol style="list-style-type: none"> <li>1. Check the concentrator liter flow setting is at 3 L/min. or less. If necessary, adjust the liter flow setting (refer to the concentrator owner's manual). Wait at least 20 minutes for the GREEN light to appear. If it does not appear, proceed to STEP 2.</li> <li>2. The concentrator may need service, contact your Home Health Care Provider or Invacare.</li> </ol>

**SECTION 6—TROUBLESHOOTING/ CYLINDER FILL TIMES**

<b>TROUBLESHOOTING</b>	
<b>PROBLEM</b>	<b>SOLUTION</b>
<p>O<sub>2</sub> BELOW NORMAL (YELLOW) light stays On</p>	<p>1. Ensure the concentrator has warmed up for at least 20 minutes. If it has not been 20 minutes, turn the compressor Off until the concentrator warms up. If the YELLOW light still remains on proceed to STEP 2.</p> <p>2. Inspect the connection between the compressor and the concentrator for damage or pinching. If damaged, replace. If pinched, straighten tubing. Turn the compressor Off for at least 10 seconds.</p> <p>Turn the compressor On. If the YELLOW light still remains on after 10 minutes, proceed to STEP 3.</p> <p>3. The concentrator may need service, contact your Home Health Care Provider or Invacare.</p>
<p>Fill times exceed maximum as recommended fill times OR GREEN filling light stays On.</p>	<p>1. Ensure the cylinder regulator is set to Off.</p> <p>2. Check the recommended fill times shown in <i>Cylinder Fill Times</i> on page 35.</p> <p>3. Check that the cylinder is connected properly. Turn the compressor Off. Remove the cylinder and reinstall. Turn the compressor ON.</p> <p>4. Check the compressor/concentrator line for proper connection and/or damage (i.e. - leaks or kinks).</p> <p>5. Check the concentrator liter flow setting is at three (3) L/min. or less. If necessary, adjust the liter flow setting (refer to the concentrator owner's manual). If the GREEN filling light does not go Off, the compressor and/or concentrator may need service. Contact your Home Health Care Provider or Invacare.</p>
<p>Excessive noise when compressor is On</p>	<p>1. Call Home Health Care Provider or Invacare for service.</p>
<p>Hissing sound from Regulator when flow selector is Off</p>	<p>1. Turn flow selector Off.</p> <p>2. If hissing sounds continue, call Home Health Care Provider or Invacare.</p>

**SECTION 6—TROUBLESHOOTING/ CYLINDER FILL TIMES**

TROUBLESHOOTING	
PROBLEM	SOLUTION
Regulator is On but O <sub>2</sub> is not being delivered	<ol style="list-style-type: none"> <li>1. Refill cylinder</li> <li>2. Check that cannula is straight and not pinched. If damaged, replace.</li> <li>3. Call Home Health Care Provider or Invacare for service.</li> </ol>

CYLINDER FILL TIMES			
Cylinder Filling Times	Concentrator Flow Rate to Patient: (Platinum 5 up to 3 L/min. and Platinum 10 up to 5 L/min)		
	HF2PC9	HF2PCL4	HF2PCL6
<b>NORMAL</b>	2 hr 20 min	60 min	1 hr 25 min
<b>MAXIMUM</b>	2 hr 45 min	1 hr 20 min	1 hr 50 min

*NOTE: All filling times are approximate and may vary on environmental conditions*