

Important! The pump running (()) symbol is always lit green when the pump is running.



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## **Alarms for Clinicians**

For additional information and guidelines, please refer to the HeartMate II Instructions for Use.



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Priority	System Controller Screen	Active Symbols	Alarm Means	To Resolve Alarm
	Connect Power ② :04	OR	One of the two power cables is disconnected	Promptly connect the disconnected power cable to power source (functioning Power Module or two fully-charged HeartMate 14 Volt Lithium-Ion batteries).
R	Replace Power  ① :02  + Low Battery ② :06	•	Low Battery, Power input is low with less than 15 min. remaining	Promptly connect to a working or different power source (Power Module or two fully-charged HeartMate 14 Volt Lithium-lon batteries).
O S	Replace Controller  Controller Fault + Call Hospital Contact Controller Fault	- John	System Controller hardware fault	Switch to the backup System Controller.     Provide patient with a new System Controller.
_	Call Hospital Contact Backup Battery Fault	-got	System Controller Backup Battery fault	Replace the 11 Volt Lithium-Ion backup battery.  Note: If replacing the battery does not resolve the alarm, the System Controller may need replaced, or additional steps may be required. Call Thoratec with questions.
>	Low Speed  ① :03 + Call Hospital Contact ① :07	age of the same of	Low Speed advisory warning	1. Use the System Monitor to check that the fixed speed and low speed limit have been appropriately set.  2. Replace the System Controller.  3. Clinically evaluate the patient.
	Call Hospital Contact Driveline Fault	-got	Driveline fault	1. Contact Thoratec to determine best next steps. 2. Use the System Monitor to silence the alarm while awaiting resolution, if needed.  Note: The alarm must be active in order to access the alarm silence for this situation.
4		-got	System Controller Backup Battery not installed	Install the 11 Volt Lithium-lon backup battery in the System Controller.     Obtain a new backup battery replacement kit.  Note: If replacing the battery does not resolve the alarm, the System Controller may need replaced, or additional steps may be required. Call Thoratec with questions.
		- John	Controller Clock not set	Use the System Monitor to set the System Controller's internal clock.  Note: Be sure the System Monitor clock is correct.

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