

HeartMate 3™ System

Controller Alarm Reference Guide

System controller advisory and hazard alarms are messages that appear on the user interface screen when a problem with the VAD system needs immediate attention. Some of the alarms indicate problems you can address yourself. But most instruct you to call the VAD Emergency Number for instructions.

Hazard

These alarms indicate a **hazard**, follow the steps to resolve them **immediately** and call the VAD Emergency number.














Advisory
















These alarms are an **advisory**, meaning you should follow the steps to resolve them right away and may need to call the VAD Emergency number, but they are not immediately life threatening.

Please Note:

“I feel unwell” means you are experiencing any of the following:

- Lightheadedness
- Dizziness
- Passed out or feeling like you are going to pass out

Priority	System Controller Screen	Active Symbols	Alarm means:	Steps to resolve alarm:
Hazard	<div>Low Flow ⊖ :03</div> <div>+</div> <div>Call Hospital Contact ⊖ :07</div>	 <div>+</div> 	Pump is off. The pump running symbol is black.	1. Call VAD Emergency Number (734) 477-6722 2. Proceed with a controller change if not feeling well.
	<div>Call Hospital Contact Controller Fault</div>	 	System Controller Hardware Fault (Microcontroller Failure).	1. Call VAD emergency number (734) 477-6722 2. Proceed with a controller change if not feeling well.
	<div>Connect Driveline ⊖ :02</div>	 <div>+</div>  <div>+</div> 	Driveline is disconnected. The pump running symbol is black.	1. Check the connections. 2. Reconnect the driveline or modular connection. 3. If pump does not restart, call VAD emergency number (734) 477-6722
	<div>Backup Battery ⊖ :01</div> <div>+</div> <div>Connect Power Immediately ⊖ :05</div>	 <div>+</div>  <div>+</div> 	Both power cables are not receiving power.	1. Immediately connect to power source. 2. If alarm persists, call VAD Emergency Number (734) 477-6722
	<div>Low Flow ⊖ :03</div> <div>+</div> <div>Call Hospital Contact ⊖ :07</div>	 <div>+</div> 	Low flow: Flow is less than 2.5 liters per minute.	1. Call VAD Emergency Number (734) 477-6722
	<div>Replace Power Immediately ⊖ :02</div> <div>+</div> <div>Low Battery ⊖ :06</div>		Low voltage: Power input is extremely low with less than 5 minutes remaining.	1. Change batteries or go to Mobile Power Unit. 2. If alarm persists, call VAD Emergency Number: (734) 477-3722

Priority	Controller Screen	Active Symbols	Alarm means:	Steps to resolve alarm:
Advisory			One of the two power cables is not receiving power.	1. Promptly connect the disconnected power cable to power source. 2. If alarm persists, call VAD Emergency Number (734) 477-6722
	 + 		Low battery power input is low, with less than 15 minutes remaining	1. Change batteries or go to Mobile Power Unit. 2. If alarm persists, call VAD Emergency Number (734) 477-6722
			System Controller hardware fault	Call VAD Emergency Number (734) 477-6722
			Data communication (comm) error between LVAD and system controller	Call VAD Emergency Number (734) 477-6722
			System controller backup battery fault	Call VAD Emergency Number (734) 477-6722
			Driveline power wire may be damaged	Call VAD Emergency Number (734) 477-6722
			Driveline communication (comm) wire may be damaged	Call VAD Emergency Number (734) 477-6722

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