

Frigoboat

Marine Refrigeration Systems

Danfoss/Secop BD35 and BD50 Troubleshooting Guide

Answer the question below

IS THE COMPRESSOR RUNNING?

NOTE: The compressors are virtually silent when running. Check compressor for vibration. Fan may be running even when compressor is not running. Disconnect the fan if necessary to assist troubleshooting.

IS THE COMPRESSOR RUNNING?

YES

Click link for: [Compressor IS Running Troubleshooting Guide](#)

NO

Click link for: [Compressor NOT Running Troubleshooting Guide](#)

Useful Information:

- Refrigeration 101 [BLOG](#)
- Compressor Overview [VIDEO](#)
- Compressor Cutaway Inside View [VIDEO](#)
- Compressor Electrical Connections [VIDEO](#)
- So What Makes You Think Your Compressor is “Bad”? [pdf](#)
- Cap Tube Blockages [VIDEO](#)
- Frigoboat Couplings and O-Rings explained [VIDEO](#)
- Refrigerant Charge Level Determination [VIDEO](#)
- Power Supply Testing [VIDEO](#)
- Diagnostic LED Fault Codes [VIDEO](#)