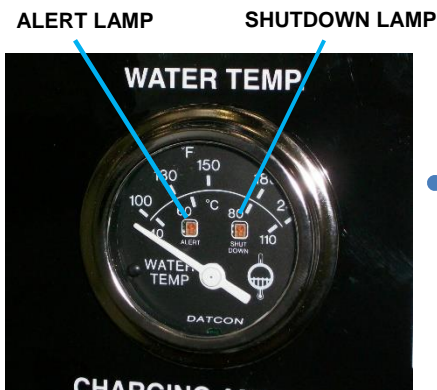


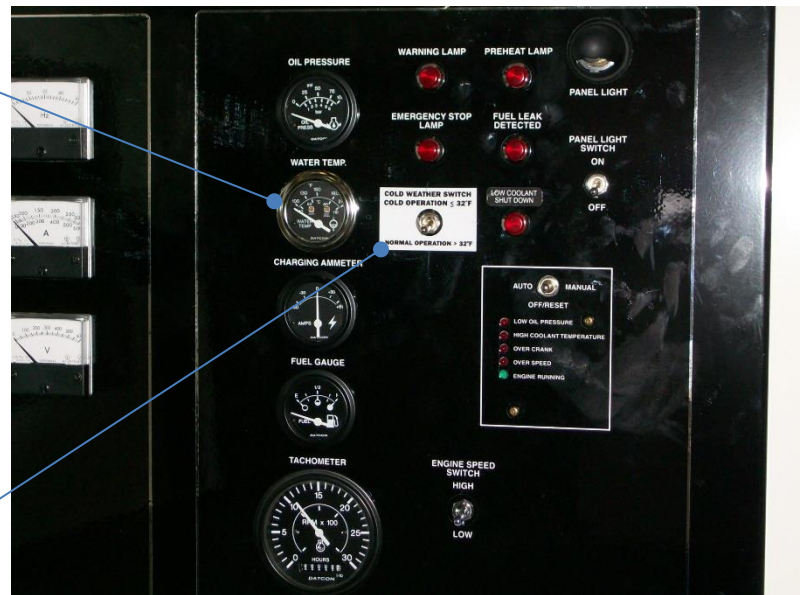
COLD WEATHER KIT ALERT LED

The Cold Weather Kit is an optional factory install only for applications where the unit will be operating at or below freezing temperatures. If your generator has a Cold Weather Kit installed, you will notice the **ALERT LED** comes on. This is not an alarm indicator. The **ALERT LED** is an indicator for fan operation, it will illuminate when fan turns on; fan turns on at 180° F, this is normal operation.

The cooling fan is thermal controlled ON or OFF in the “cold operation” mode via the temperature gauge included in the cold weather kit.



(Cold Operation is at $\leq 32^{\circ}\text{F}$) and (Normal Operation is at $> 32^{\circ}\text{F}$)



The water temp gauge # 108347 has two sets of internal contacts

First set of contacts: (Alert Contacts): “Used for this application”

These contacts are associated with the alert lamp; they close at 180° F (alert lamp & cooling fan **ON**) and open at below 180° F (alert lamp & cooling fan **OFF**).

Second set of contacts: (Shutdown Contacts): “Not used for this application”

These contacts are associated with the shutdown lamp.

General Function Description

Cold Operation $\leq 32^{\circ}\text{F}$ mode: “Cooling fan stays OFF” until the coolant temperature reaches 180° F (Allowing the engine to warm up in a freezing climate). Once at 180° F, the alert contacts close causing the (alert lamp) and (cooling fan) to come on simultaneously. **Normal Operation $> 32^{\circ}\text{F}$:** The cooling fan is ON constantly.

* There is no way to make the alert contacts close without the alert lamp turning on as well.

* Alert lamp ON indicates the temperature gauge has reached 180° F/alert contacts are closed.



This bulletin is provided for technical reference and service related updates. If you have any questions, comments or do not wish to receive these e-mails, please reply to this e-mail or call the Service Technical Support Group 800 478-1244.

WIRE DIAGRAM

