

# VECTOR® eCool

## Quick Start Guide



# SUMMARY

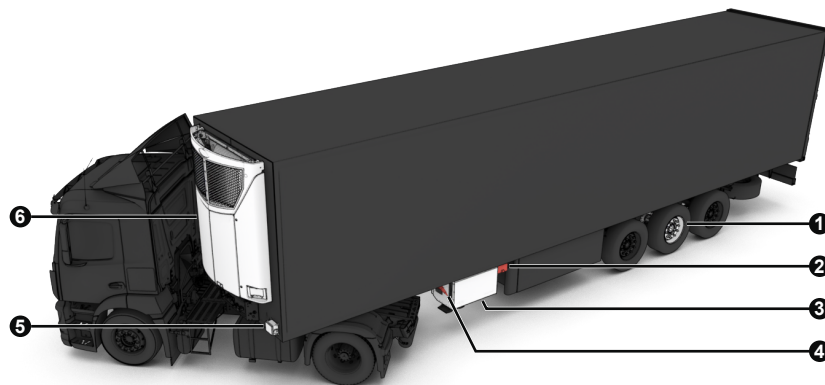
This guide describes basic instructions & good practices to ensure proper use of the eCool system. Please read carefully before use. The information contained in this document is subject to update without notice. For further information, refer to the user's manuals provided with each unit. If you have any doubts, problems or need when using your eCool unit, please contact a Carrier Service Center or the oneCALL™ 24/7 Assistance.







This system operate under very high voltage. Never attempt to open or repair your unit as it may result in fatal injury.

When disconnecting the power plug, never pull it out by the cable.  
When connecting the power plug, push it until it clicks into place.

# SYSTEM OVERVIEW

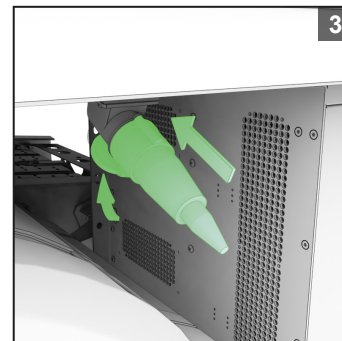
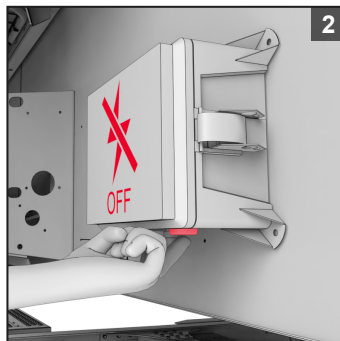
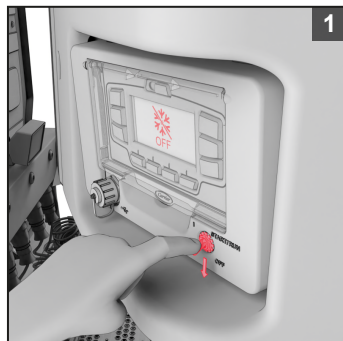


- ❶ Axle generator (recharges the BP)
- ❷  Service disconnect button (shut off the BP)
- ❸  BP - Battery Pack (supply power to the TRU)
- ❹  Female power plug (connected to the TRU)
- ❺ Telematics unit (controls / monitors the BP)
- ❻  TRU - Refrigeration Unit

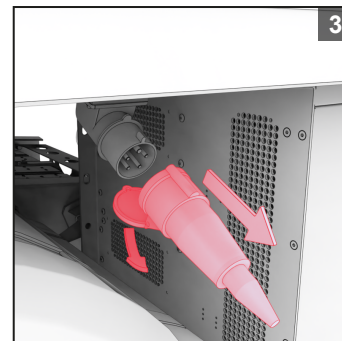
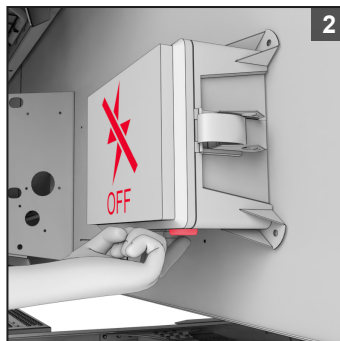
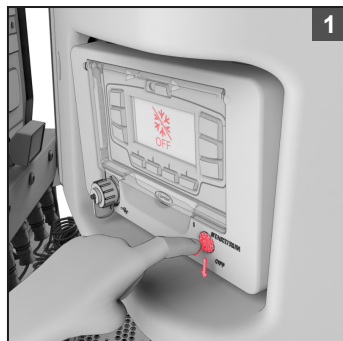


The location of the components shown above may vary slightly depending on the vehicle and trailer.

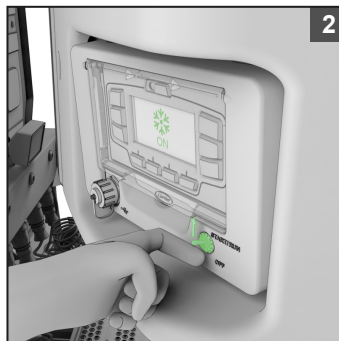
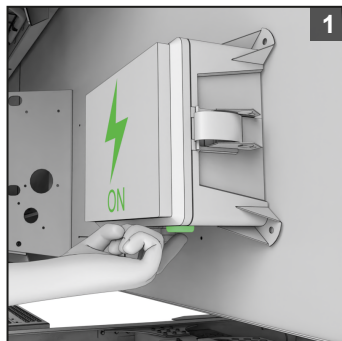
## POWER GRID **CONNECTION**



## POWER GRID **DISCONNECTION**

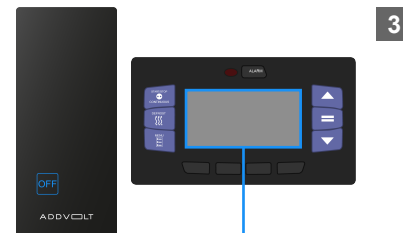
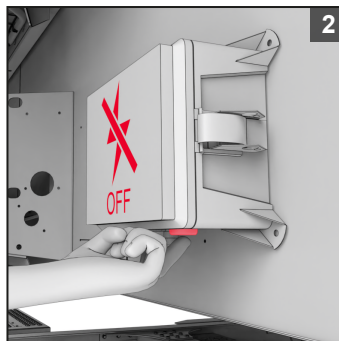
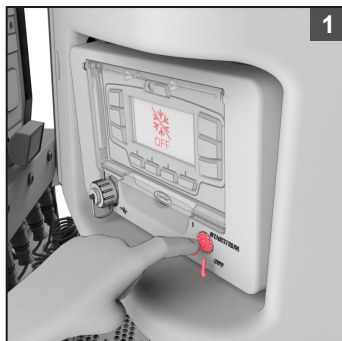


## SWITCH ON THE COMPLETE SYSTEM



Ensure the refrigeration unit is set to STANDBY MODE.  
If it is not, press the STANDBY soft key.

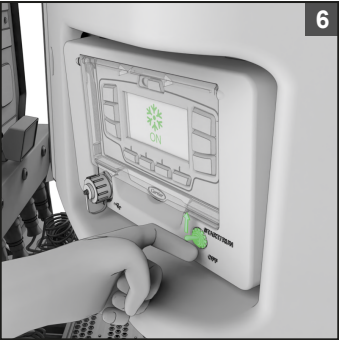
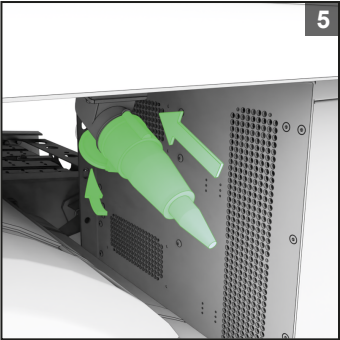
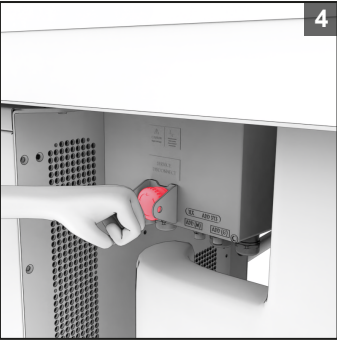
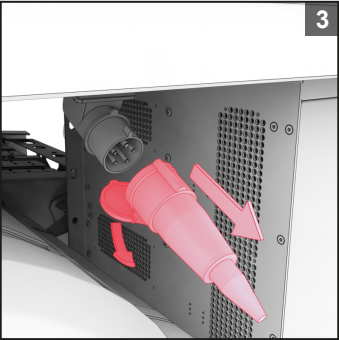
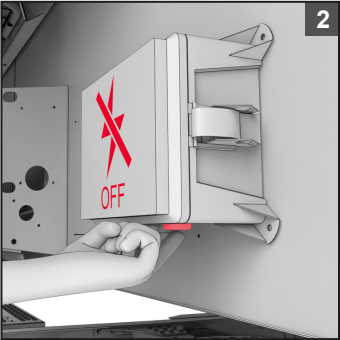
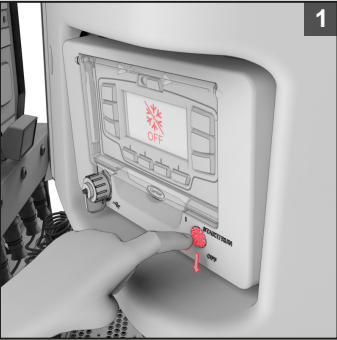
## SWITCH OFF THE COMPLETE SYSTEM



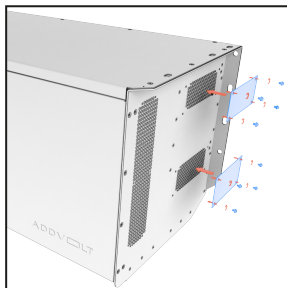
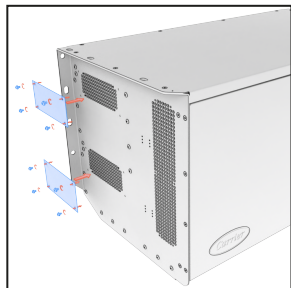
The system is now OFF.  
LCD display will go blank after 1mn30s.



# FERRY APPLICATION



# WINTER COVERS



Winter covers should be installed before the winter season in countries where the system may be exposed to temperatures below 0°C (32°F).



Winter covers **MUST** be removed after the winter season.

*If this applies to you and you are missing Winter Covers, contact your local Service Center for further information.*



# ALARMS



OR



**There is a problem with power supply selection.**

1. Press and then rotate the red service disconnect button.
2. Press the ON / OFF green button of the telematics unit, until the ON light turns white.



**The autonomy is too low (<25%).**  
Plug the system to the mains to recharge it.



**The battery temperature is too low.**

1. Plug the system to the mains to warm it up.
2. Wait until the indicator turns white.



**The system has been connected to the mains while the unit was already in operation.**

1. Turn off the refrigeration unit while keeping the power cable connected to the mains.
2. Turn back on the refrigeration unit.



**There is a communication error between the telematics unit and the Battery pack.**

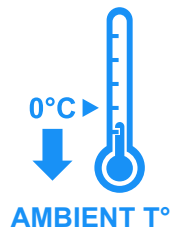
1. Press and rotate the red service disconnect button.
2. Press the ON / OFF green button of the telematics unit, until the ON light turns white.

# MANDATORY BATTERY CHARGING REQUIREMENTS



0%

= NEVER ALLOW THE BATTERY PACK TO DISCHARGE COMPLETELY



=



PLUGGED INTO  
THE MAINS



100%

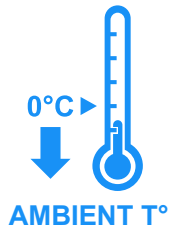
FOR  
AT LEAST



5 CONTINUOUS  
HOURS EVERY DAY



+



=



PLUGGED INTO  
THE MAINS



100%

# RECOMMENDED BATTERY CHARGING REQUIREMENTS



EVERY 7 DAYS

=



SWITCH ON  
THE BATTERY PACK

+



100%  
PLUGGED INTO  
THE MAINS

FOR  
AT LEAST



5 CONTINUOUS  
HOURS



EVERY MONTH

=



PLUGGED INTO  
THE MAINS



100%

FOR  
AT LEAST



24 CONTINUOUS  
HOURS



BEFORE STOPPING  
MORE THAN 60H

=



PLUGGED INTO  
THE MAINS



100%



Find your nearest  
Service Center by flashing  
this QR code.



Need help? Flash this  
QR code to get your  
oneCALL™ 24/7 regional  
assistance number.

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