

EASY TO RUN

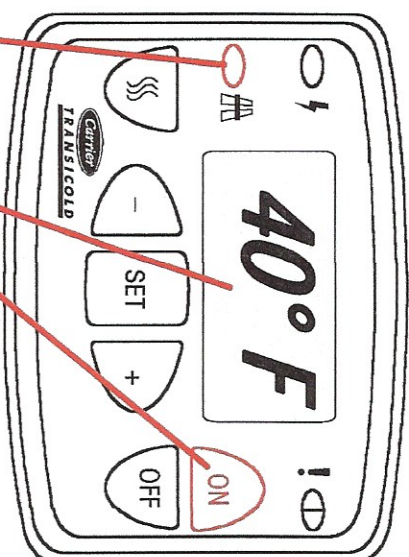
X Series Truck Units With Cab Command Two Controller

- Starting - Engine Operation
- Starting - Standby Operation
- Changing Display Brightness
- Temperature Setpoint
- Manual Defrost
- Alarm Display
- Alarm List
- Alarm Reset
- Stopping Unit

Carrier

EASY TO START

STARTING - ENGINE OPERATION

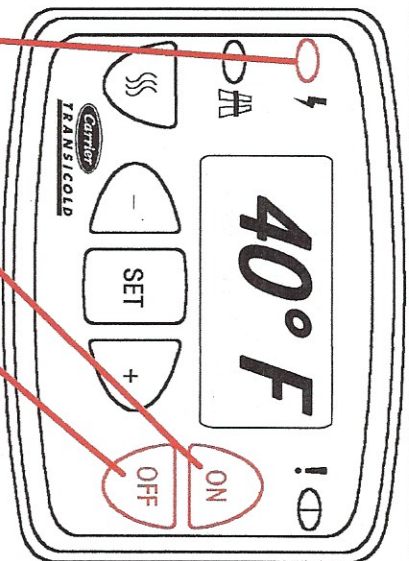


1. Press **ON** key.
(Start-up may be time-delayed.)
2. Check if box temperature is displayed.
3. Check if road operation light is on. If not, unplug power cord from receptacle.

NOTE: If standby power cord is plugged in, the controller will trigger a visual alarm in the form of a flashing red malfunction light and read-out, and the unit will run in standby mode.

EASY TO START

STARTING - STANDBY OPERATION



1. Press the **OFF** key and plug in power supply.
2. Press the **ON** key.
(Start-up may be time-delayed)

3. Check that the standby operation light is on.

NOTE: If engine is operating when unit is connected to power, the controller will trigger a visual alarm in the form of a flashing red malfunction light and readout and the unit will run in engine mode.

WARNING

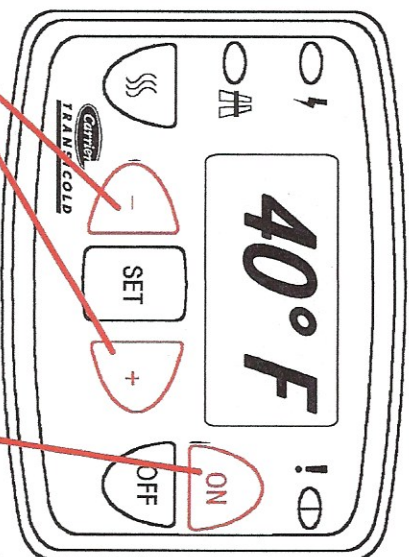
Make sure the power plug is clean and dry before connecting to any power source.

WARNING

Do not attempt to connect or remove power plug before ensuring the unit is OFF (press OFF key on Cab Command) and external power circuit breaker is open.

EASY TO CHANGE

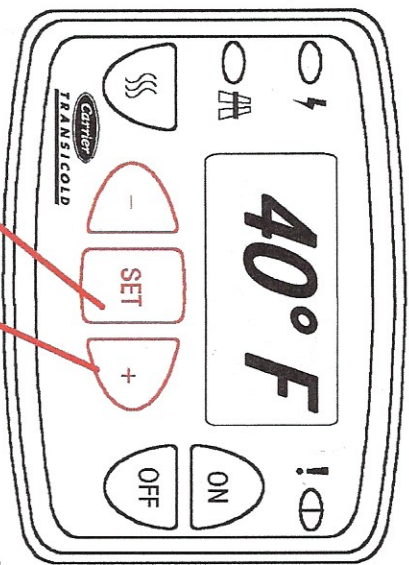
CHANGING DISPLAY BRIGHTNESS



1. Press **ON** key.
2. Press within 5 seconds the **+** (plus) or **-** (minus) key to increase or decrease display brightness..

EASY TO SET

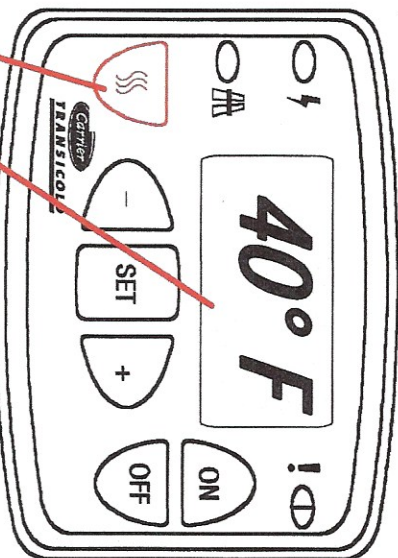
TEMPERATURE SETPOINT



1. Press **SET** key
2. Press **+** (plus) key to increase setpoint or **-** (minus) key to decrease setpoint.
3. Press **SET** key when desired setpoint is displayed to lock in new setpoint.

EASY TO SELECT

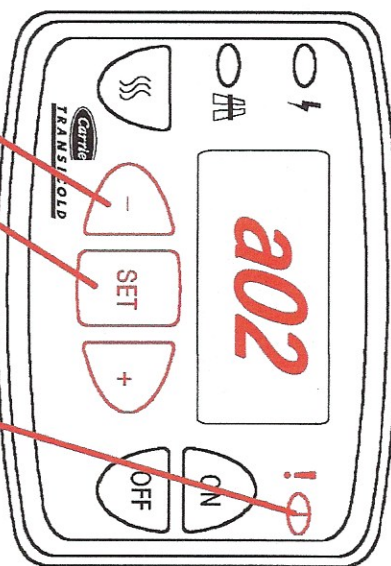
MANUAL DEFROST



1. Check that box temperature is 40°F or lower.
2. Press **Manual Defrost** key to initiate manual defrost.

EASY TO CHECK

ALARM DISPLAY



1. When an Alarm is activated, the **i** light flashes red.

The **i** light flashes green when the unit is operating correctly.

2. Press the **SET** key for 5 seconds to display alarms.

3. Press **+** or **-** key to view additional alarms.

4. Press **SET** key to return to box temperature display.

NOTE: There are two types of Alarms

Axx (example: A02)

Pxx (example: P02)

Axx - Designates Active Alarms

Pxx - Designates Past Alarms. These are Alarm conditions that existed but are now not active.

EASY TO READ

ALARM/ERROR LIST

ALARM	ALARM/ERROR DESCRIPTION
A00	No Malfunction
A01	Low Pressure Switch (LP) Open
A02	High Pressure Switch (HP1) Open
A03	Standby Compressor Over Heated
A04	Road Compressor Clutch
A05	Standby Contactor (high amp draw)
A06	Condenser Fan Motor (high amp draw)
A07	Evaporator Fan Speed Alarm
A08	Hot Water Solenoid (high amp draw) (option)
A09	Hot Gas Valve (HGS1) (high amp draw)
A10	Quench Valve (BPV)(high amp draw)
A11	Condenser Pressure Control Valve (HGS2)
A12	Out-of-Range High Temperature
A13	Out-of-Range Low Temperature
A14	Defrost Cycle >45 minutes
A15	Setpoint out of range -20°F to 86°F
A16	Drain Water Resistor - Heater (DWR1) High amp draw
A17	Transformer/Rectifier (RBT) thermal overload
A18	Electrical Heating Relay (high amp draw) (option)
A20	Low Pressure Switch jumper open
A21	Compressor Contactor Open

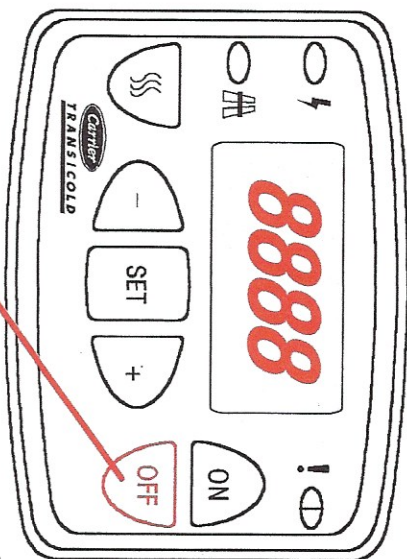
EASY TO READ

ALARM/ERROR LIST (CONTINUED)

Alarm Number	ERROR DESCRIPTION
A22	Condenser Fan Motor Open Circuit
A23	Hot Water Solenoid Open Circuit (option)
A24	Hot Gas Valve (HGS1) Open Circuit
A25	Quench Valve (BPV) Open Circuit
A26	Condenser Pressure Control Valve (HGS2) Open Circuit
A27	Drain Water Resistor (DWR) Open Circuit (option)
A28	Heating Relay (EHR) Open Circuit (option)
2EP	Functional parameters have not been set or have been lost. Press and hold the SET key to clear the alarm.
EE	Return Air Sensor
bAt	Low Battery Voltage
---	Using Road & Standby Compressors at the Same Time.
Err	Programming mistake of maximum setpoint by user.
---	Setpoint lower than maximum setpoint but in the range -20°F to 86°F

EASY TO RESET

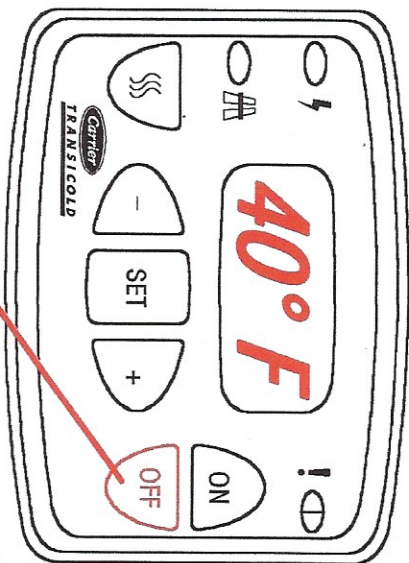
ALARM RESET



1. Press the **OFF** key to clear Active Alarm list. Unit can now be restarted if no Active Alarm condition remains.

EASY TO STOP

STOPPING UNIT



1. Press the **OFF** key.

TIPS

Carrier Transicold wants you to get optimum performance from your truck refrigeration unit. The way to get that performance is to review the checklist below before each trip. Do this and you'll be well on your way to ensuring maximum refrigeration efficiency with a minimum of trouble.

- Examine interior and exterior for door, door seal and wall damage.
- Floor and floor drains should be clear of debris.
- Remote evaporator drains should be clear of debris.
- Use pallets and follow proper loading instructions for maximum air circulation.
- Precool truck and cargo before loading.