

# COLD WEATHER STARTING TIPS:

The viscosity of the diesel fuel changes as temperatures drop and can prohibit the burner from igniting as it was designed. Falcon suggests the following steps for cold weather starting of your diesel fired Falcon:

1. Ensure batter is fully charged to 12.8 Volts.
2. When air temperature is below 40 degrees Fahrenheit add a fuel conditioner rated to -20 degrees Fahrenheit.

Be sure to follow mixing instructions on the label. Falcon recommends the *Howes Lubricator Diesel Treat Diesel Conditioner & Anti-Gel.*

3. When air temperature is below 20 degrees Fahrenheit mix diesel fuel with kerosene at a 1:1 to mixing ratio and bring unit inside for a few hours to warm fuel before starting. Do not add more than 50% kerosene. Doing so may damage burner components.

4. Only use diesel fuel with a Cetane rating above 40.

## **WARNING:**

**Only run diesel burner outdoors in a well-ventilated area.**

**Be sure to move Falcon unit outdoors before starting burner.**

**Do not attempt to start burner indoors.**

## **REMINDER:**

**Tune up every burner annually with a Falcon burner tune-up kit.**

**Part numbers for equipment WITHOUT diesel fuel preheater: KT31217 and KT31303**

**Part numbers for equipment WITH diesel fuel preheater: KT32218 and KT32219**

**Burner tune-up kit components include:**

1. Flange Mounting Gasket
2. Burner Nozzle (.75 for lower burner and .50 for upper burner and tank tank)
3. Cad Cell
4. Coupling
5. Replacement Fuel Filter

