



## **DESIGNER** 10 Cubic Foot Refrigerator

The Diamond Designer is the beginning of our lineup of refrigerators. With its small size and footprint, it is a great addition to any off-grid home or cottage. This refrigerator is small enough to be flown in to fly-in only accessible ladges and camps. Miles from the powerline. Cold food without ice chests. That's Diamond.

- CSA Certified
- Two (2) Cubic Foot freezer space
- Eight (8) Cubic Foot refrigerator space
- Approximate gas usage per day: 1.3 lb.
- Thermostatically controlled
- · Piezo ignition with flame display
- Four (4) adjustable door shelves
- Three (3) adjustable glass refrigerator shelves
- · Full width crisper
- Interior LED light (Uses 4 AA batteries included)
- · Reversible doors
- · Rollers for easier moving
- · Five (5) year limited warranty
- Dimensions: 63" H x 23 1/2" W x 32" D
- Weight: 190 lb. (87 kg)



## SUPREME 17 Cubic Foot Refrigerator

The Diamond Supreme is an intermediate size in our lineup of refrigerators. It offers many of the same great features as the Elite, but in a smaller and more affordable size. Great features in a small package. That's Diamond!

- · CSA Certified
- · 4.3 Cubic Foot freezer space
- 12.7 Cubic Foot refrigerator space
- · Approximate gas usage per day: 1.5 lb.
- Thermostatically controlled
- · Piezo ignition with flame display
- · Five (5) door shelves
- . Two (2) adjustable wire refrigerator shelves

- Two (2) crispers
- Interior LED light (Uses 4 AA batteries included)
- Reversible doors
- · Rollers for easier moving
- Available in White, Black and Stainless
   Steel. (Black and Stainless Steel are special order)
- · Five (5) year limited warranty
- · Powdercoated freezer shelf
- Dimensions: 66 3/4" H x 28" W x 36" D
- Weight: 265 lb. (120 kg)



## **ELITE** 19 Cubic Foot Refrigerator

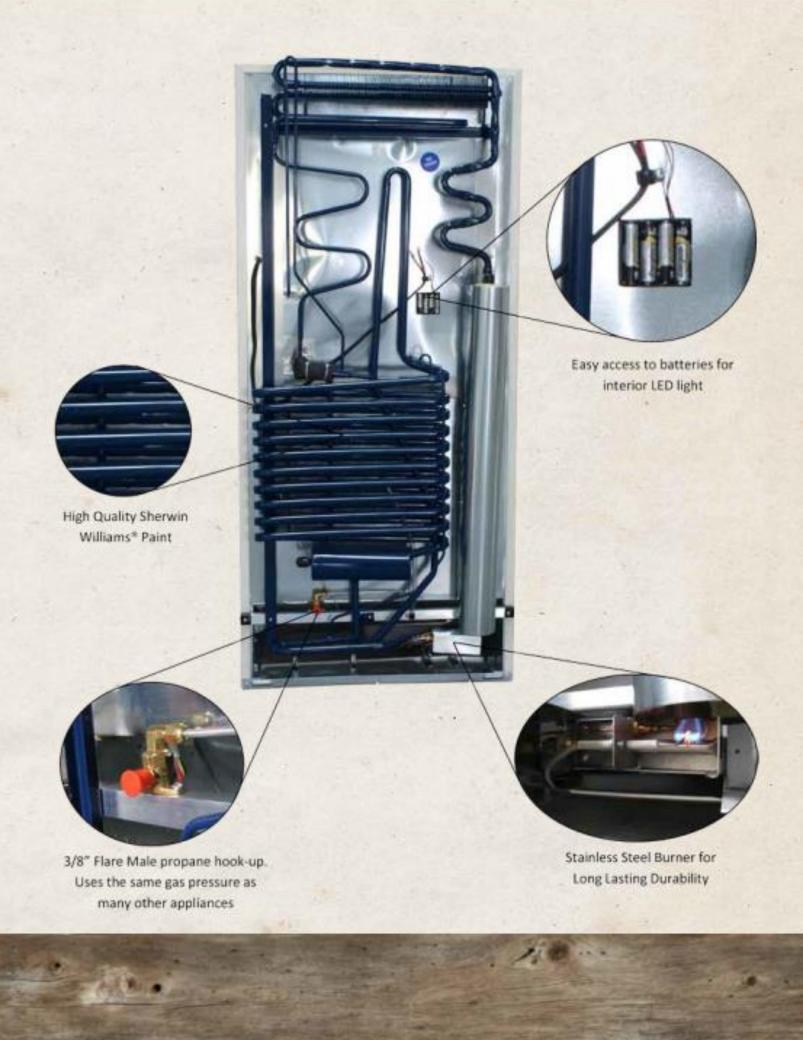
The Diamond Elite is the largest and has more color options than any other refrigerator in our lineup. Choose the color that best matches your kitchen for stunning great looks, or choose the white color for the largest and most cost-effective size. From the smallest refrigerator to the largest size. Diamond has you covered. That's Diamond!

- · CSA Certified
- The largest CSA certified refrigerator available
- 14.4 Cubic Foot Fridge Space
- 4.7 Cubic Foot Freezer Space
- Powdercoated freezer shelf
- Thermostatically controlled
- · Piezo ignition with flame viewer
- Two (2) clear crispers
- . Two (2) adjustable wire refrigerator shelves

- Five (5) door shelves
- Interior LED light (Uses 4 AA batteries included)
- Reversible doors
- . Rollers for easier moving
- · Available in White, Black and

#### Stainless Steel

- Approximate gas usage per day: 1.5 lb.
- · Five (5) year limited warranty
- Dimensions: 68 3/4" H x 28" W x 36 1/2" D
- Weight: 295 lb. (134 kg)



# Condenser Evaporator Area (covered with foam) Absorber Coils Absorber Tank Boiler Burner

### Gas Refrigeration: How It Works

It all starts with a small flame which heats the boiler. Ammonia gas is boiled out of the water solution and moves up to the condenser. In the condenser the ammonia gas cools to form a liquid, releasing its heat. The liquid ammonia moves to the evaporator where it expands to a gas and at the same time becomes very cold. The evaporator is found on the inside of the freezer and refrigerator sections. The ammonia gas moves down to the absorber where it is absorbed into a water solution. The water solution moves to the boiler. where it is heated again and the process repeats.

## Frequently Asked Questions

Q: How much will it cost to run my refrigerator?

A: Your refrigerator will run approximately 55 hours on a gallon of propane.
Divide your propane price per gallon by 55 and that will give you the hourly cost to run your refrigerator.

Q: How often will I need to clean the burner?

A: Cleaning the burner is a very important part in performance of your refrigerator. Under most circumstances cleaning the burner every 6 months is sufficient unless the refrigerator is in a dusty environment. Any time the burner flame has a yellow color, the burner should be cleaned.

Q: How often will I need to defrost my refrigerator?

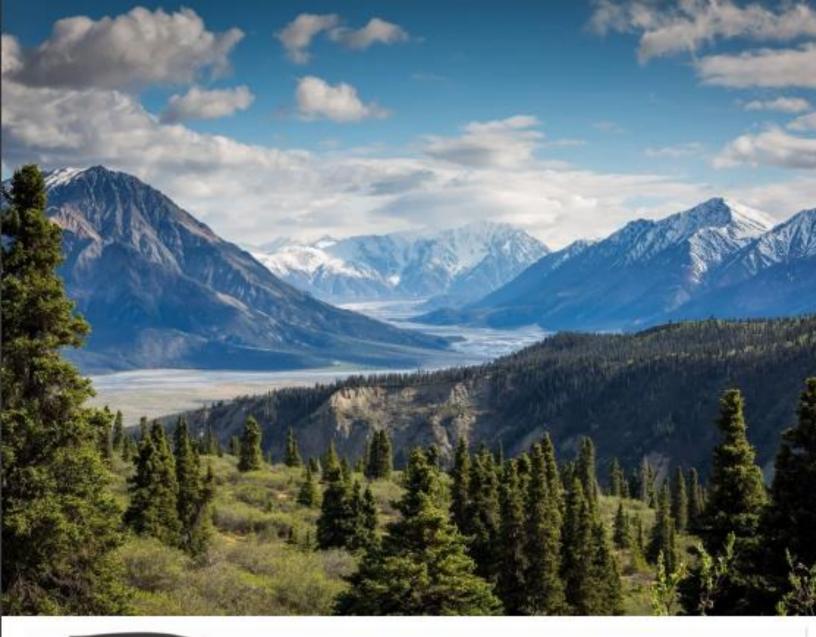
A:Ambient temperatures and refrigerator usage dictate the rate of frost buildup on the fins. All frost comes from moisture in the air that comes in contact with the cold fins when the door is opened or from a defective door seal. Frost levels can be drastically reduced if hot foods are allowed to cool to room temperature and condensation is wiped from containers prior to their placement in the refrigerator. One easy way to defrost your refrigerator is to turn the thermostat down to the "Minimum" setting in the evening and leaving it set there overnight. The next morning, turn the thermostat knob to its previous setting. If this is done weekly, all the frost should be gone in the morning. Remember: You must set the thermostat to its previous setting.

Q: Can I lay my refrigerator on its side for transport?

A: Yes. Unlike electric refrigerators, propone refrigerators can be transported on their side. The best side for transport is to lay the refrigerator on the burner side. (usually the left side facing the refrigerator) If you lay the refrigerator on the burner side, you can set it upright and light it immediately. Otherwise, you can usually start it after about an hour of standing upright

Q: What if my fridge quits working and I live in a fly-in camp. Will I need to fly it out to fix it?

A: All parts on a Diamond refrigerator can be changed in the field, should something fail. Also, our friendly, knowledgeable tech support is only a phone call away to answer any questions you may have regarding your refrigerator.











KEEP IT COLD.

Anywhere. And relax.



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