HOME COMFORT SERVICE AGREEMENT

APGAR
OIL & ENERGY

HEATING • COOLING • BIOHEATING OIL • PLUMBING

"Serving the Lehigh Valley Since 1947"

NOW INCLUDING

THE **TankSure®** PROGRAM

PA Register Contractor #2987

For your convenience, Service Plans will now automatically renew each year.

Apgar Oil & Energy • 639 East Congress St. • Allentown, PA 18109-3299
Phone: (610) 434-5195 • Toll Free: (800) 244-1095 • Fax: (610) 434-2336 • www.apgaroil.com

WHY SHOULD YOU CLEAN YOUR HEATING SYSTEM ANNUALLY?

Throughout the heating season, small amounts of carbon collect on the heat exchanger walls of your boiler or furnace. Carbon insulates these surfaces, preventing proper transfer of heat, resulting in "useful heat" lost up the chimney. A clean efficient boiler or furnace will absorb the maximum amount of heat produced by the oil burner flame, increasing the efficiency of your heating system.

Apgar Energy Conservation Heating Tune-Up Tips:

- ☑ If your heating system was a car, it would travel approximately 100,000 miles annually.
- ☑ 10% savings on your annual fuel consumption practically pays for the tune-up itself.
- ☑ Even though your heating system is properly designed and installed, it's impossible to secure maximum efficiency due to carbon build up.
- ☑ 1/8" thick carbon deposit can reduce heat absorption by 10%.
- ☑ A fully qualified oil heat service technician trained by the Pennsylvania Petroleum Association and NORA (National Oilheat Research Alliance) has the ability to accurately determine how efficiently your unit is running and has the knowledge to make necessary adjustments to improve the performance of your heating system.

When your heating system is tuned-up and running properly it is more efficient, clean, environmentally friendly, economical, safe, reliable and most importantly comfortable.

ALL OF OUR SERVICE PLANS INCLUDE AN ENERGY CONSERVATION TUNE-UP, OIL TANK INSPECTION & TANKSURE® ULTRASONIC TANK TESTING!

Oil Heat Facts:

THE TankSure® PROGRAM

- Whether your system is tuned-up in March or November has little impact on its readiness for winter.
- If your heating system is older than 33 years or efficiency is below 80%, it is due for a replacement **"NOW"**. Financing is always available via the Keystone Home Energy Loan Program. Visit their website at **www.keystonehelp.com** or call **(888) 232-3477** for more information.
- Oil Heating System Upgrades
  - Save 10%-40% of annual fuel oil consumption
  - Tax free, Risk free, "HIGH RETURN" on investment
- Pays consistent dividends year after year. $$$$
- Better return on investment than the "stock market".
- Heating your domestic hot water with oil can save $250-$500 or more on monthly electric bills.
- Today's oil heating equipment burns 95% cleaner than in 1970
- Oil heat burner technology has reduced the average consumption from 1,294 gallons in 1973 to 833 gallons in 2011.
- Oil heated homes provide quick, even, and efficient heat.
- For every gallon of oil burned, 130,000 BTUs of heat is generated, providing a flame temperature of up to 3,000˚F.

Energy Conservation Plan A
Annual Cleaning and Servicing

$189.00 (reg. 199.00) **$238.95** with TankSure®

15% discount on all future repairs to your existing heating system

1. Ensure safe operation and maximize heating system efficiency.
2. Save up to 10% annually in fuel costs
3. Extended life of your heating equipment
4. Prevent unexpected breakdowns
5. Environmentally friendly investment

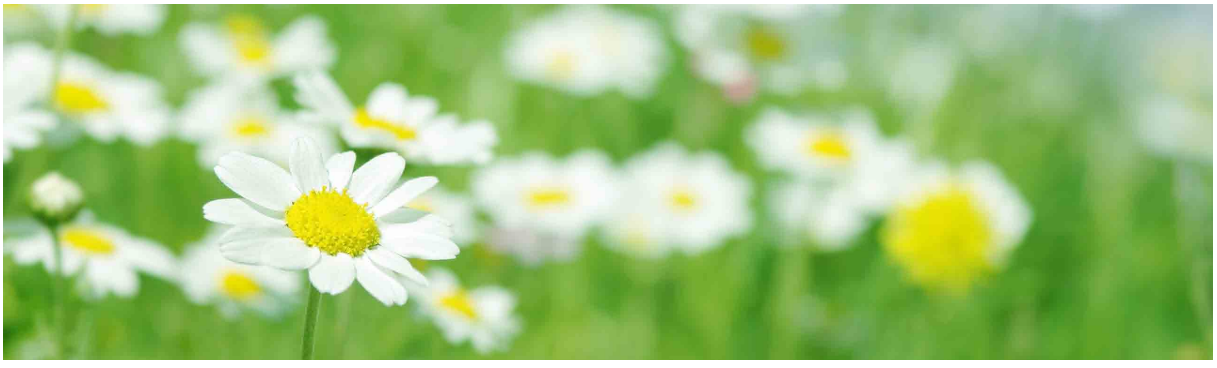
THE TankSure® PROGRAM

(See page 7 for details)

Our Energy Conservation Plan A Includes:

- Vacuum & brush clean heat exchanger
- Clean chimney base
- Check chimney draft
- Lubricate:
  - Burner Motor
  - Blower Motor
  - Circulator Water Pump
- Replace pump strainer
- Replace oil burner nozzle
- Replace oil filter element
- Check safety controls
- Check aquastat controls
- Inspect domestic hot water coil gasket
- Heating system evaluation
- Check operation of low water cut-off (steam)
- Drain expansion tank
- Set system water pressure
- Perform electronic combustion efficiency test
- Perform ultrasonic tank test
- Adjust air & oil mixture
- Oil tank inspection and evaluation
- Inspection of Power Venting System:
  - Fan clean "only" – if accessible!!
  - Additional Charge for removal and maintenance to power venting system
- Humidifier Inspection
  - Additional charge for maintenance and parts

Maximum Labor Allowance – 2.5 hours. Cost of replacement parts to be billed separately. Service calls to be billed hourly. Additional service calls on weekdays after 4:30pm, weekends, or legal holidays will be billed at our prevailing hourly rates.



Deluxe Energy Conservation Plan D

$295.00 **$344.95 with TankSure®**

Our Deluxe Energy Conservation Plan D includes everything in Plan A PLUS:

EMERGENCY COVERAGE
- **24 hours a day - 7 days a week**

STANDARD OIL BURNER PARTS
- Burner Motor – 3450 rpm/1725rpm
- Oil pump – single stage/two stage
- Ignition transformer
- Oil burner nozzle
- Motor – pump coupling
- Oil pump strainer
- Ignition leads
- Oil filter element
- Burner fan wheel
- Oil line connector tube
- Fireomatic oil line safety valve

BURNER PRIMARY SAFETY CONTROL
- Cad Cell Safety Control
- Cad Cell Safety Control with cooling transformer (50% credit)
- Cad Cell Flame Detector with leads
- Cad Cell Eye
- Stack Control Safety Relay
- Pyrostat Flame Detector

HOT WATER CONTROLS & PARTS
- Triple Action Aquastat – (high limit/low limit/circulator)
- Single Action Aquastat
- Dual Action Aquastat
- Combination 5 way Aquastat (50% credit)
- Circulator Coupling
- Circulator Relay

WARM AIR CONTROLS & PARTS
- Honeywell 4064 Fan & Limit Control
- Cad Cell Safety Control with cooling transformer (50% credit)
- Blower Belt
- Blower Motor – 1/3 hp belt/direct drive (large horsepower blower motors 50% credit)
- Blower Pulley
- Blower Bearings (labor extra)
- Blower Shaft (labor extra)

THE TankSure® PROGRAM
(See page 7 for details)

STEAM CONTROLS & PARTS
- Pressure Control (high limit)
- Steam Gauge Syphon (pigtail)
- Gauge Glass
- Gauge Glass Washers

ELECTRICAL COVERAGE
- Fuses
- Emergency Switch
- Oil Burner Service Switch

HUMIDIFIER SUPPORT*
Inspect the following:
- Humidifier Reservoir
- Evaporator Pad
- Water Feed Solenoid Valve
- Float Assembly
- Humidifier Motor and Connecting Wiring
- Humidistat
- Water Line Isolation Valve

**15% discount of all maintenance and repairs to humidifier. Labor and materials will be invoiced to customer at our prevailing hourly rates.*

15% discount of all maintenance and repairs to existing heating systems not covered under Plan D

Oil Flow Issues Associated with Indoor / Outdoor (above-ground) and Underground Oil Tanks- Conservation Plan A, D & E

- Clogged suction and return lines
- Damaged or un-repairable lines
- Tanks filled with water or contamination.
- Heavy accumulation of sludge
- Frozen oil lines

Oil Flow Policy and Procedures:*

1. Flush and remove, if possible, blockage from oil line.

If oil flow problems reoccur, we recommend oil line cleaning using the "Clear-o-Line" chemical flushing procedure, cleaning oil tank or replacement of oil line using "Pro-Tec/Envirotube" leak detection tubing. If oil tank is older than 25 years of age, replacement is recommended.

15% discount will apply to "reoccurring" oil line service and repairs, including (frozen oil lines) and a 5% discount will apply to replacement of the indoor or (above-ground) outdoor oil tank. Call our office anytime for a "free" estimate. Financing is available through the Keystone Help Energy Loan Program. (888) 232-3477 or contact www.keystonehelp.com

Elite Energy Conservation Plan E

The Best Coverage on Oil Heating Equipment in the Lehigh Valley

$359.00 **$408.95 with TankSure®**

This Plan includes everything included in both Plan A and Plan D along with the following additional coverage:

WATER RELATED PARTS

- Water Feeder
- Relief Valve (water-steam)
- Low Water Cut-off Switch (steam)
- Flow Control Valve
- Circulator Pump
- Bearing Assembly
- Air Vents on Boiler
- Temperature Pressure Gauge (water)
- Extrol #30 Expansion Tank
- Blown-Down Kit (steam)
- Steam Gauge & Glass
- Draining of Expansion Tank (Relating to over pressure problems)
- Removing Air from System (Relating to "No Heat")
- Adding Water to System & Setting
- Pressure Relating to "No Heat"
- Back Flow Preventer
- One Heating Zone Per Season
- Zone Valves (Honeywell V8043Taco 570 Series)

Does not cover repair of connecting piping and labor. Water related repairs will be done weekdays between 8:00am & 4:30pm. Weekends or legal holidays will be billed at prevailing rates.

ADDITIONAL ELITE PARTS LIST

- Standard Thermostat (heat only)
- Draft Regulator
- Direct Drive Blower Motors (1/3 hp only. 50% credit on heating/cooling motors)
- Oil Tank Vent Alarm
- Complete Oil Filter
- Oil Tank Fill Pipe Repair
- Scully Fast-Fill Adapter
- Burner Air Tube
- Blower Bearing
- Standard Air Filter
- Burner Retention Head
- Smoke Pipe
- Circulator Motor Coupling
- Blown Fuse Service Calls
- Oil Tank Gauge
- Oil Tank Vent Pipe Cleaning
- Vent Cap
- Blower Pulley
- Blower Shaft
- End Cone (Beckett Burner Only)
- 24 Volt Transformers

THE TankSure® PROGRAM

(See page 7 for details)

15% DISCOUNT ON FOLLOWING PARTS AND SERVICES:

- Repair to Heating Unit (not covered under contract)
- Combustion Chamber
- Programmable Thermostats
- Electric Wiring
- Circuit Breakers
- Power Direct Vent Kits
- Domestic Hot Water Coil Cleaning
- Domestic Hot Water Tempering Valve
- Domestic Hot Water Coil Gasket
- Piping
- Radiation
- Humidifier
- Oil Flow Problems (underground tanks)
- Oil Lines (exposed)
- Interrupted Electric Service
- Draft Inducers
- Low Water Cut-Off and Feeder (steam)
- Blower Wheels or Assembly
- Insulated Transfer Box Liners
- Boiler Refractory Insulator
- Hot Water Coil or Storage Tank
- Specialized System 2000 Parts:
  - Digital/Classic Manager
  - Temperature Sensor
  - Digital Circuit Relay Board
  - 24 Volt Plug in Relays
  - DHW Circulator Pump
  - DHW Plate Heat Exchanger
  - Puff Switch Kit

5% CUSTOMER "LOYALTY" DISCOUNT INSTALLATION ON THE FOLLOWING:

- Oil Fired Boiler
- Warm Air Furnace
- Central A/C System
- Oil Fired Water Heater
- Oil Tank Cleaning
- Electronic Oil Tank Monitor
- Oil Tank Replacement (Can be combined with TankSure® Program tank replacement payment)
- Humidifier
- Electronic Air Cleaners
- "Tank Mate" Cover
- Tank Containment Tray
- **Fitch Fuel Catalyst**

THE TANKSURE® PROGRAM

- $1,000 Proactive Tank Replacement Payment for qualified tanks (above ground only)
- $200 Credit toward future tank replacement for disqualified tanks

Energy Conservation Plan WH

Oil-Fired Water Heater Service Contract

$235

Tune-up your oil-fired water heater to peak efficiency while having "Peace-of-Mind" with guaranteed parts replacement coverage.

- Cleaning and Servicing of Unit as outlined in Plan A.
- Insured Parts and Service as outlined in Plan E.
- Water heater tank not included in coverage!!!
- **15% discount applies to new water heater or tank replacement.**

Central Air Conditioning

Spring Start-Up Special $189

- Clean outdoor condensing unit
- Inspect indoor evaporator coil
- Oil motors: outdoor unit (condenser) indoor air handler or blower motor
- Flush condensate drain line
- Inspect and adjust blower belts
- Inspect standard air filter – replace if necessary
- Set system pressures
- Check ductwork for leakage
- Check contactor relay
- Check thermostat and fan control
- Check temperature drop at supply and return air vents
- Check refrigerant charge **(refrigerant is additional)**
- **15% discount on all future repairs to A/C system**

Maximum Labor Allowance – 1.5 hours. Recommended services by our technicians to keep your air conditioning system running to "peak-efficiency" throughout the summer may require an additional investment. A 15% discount will apply to additional services at the time of A/C tune-up – (cleaning indoor evaporator coil, repairs to condensate line due to blockage or leaks, sealing or repairing existing ductwork) – or future repairs to keep A/C system operational.

SPRING START-UP TIPS

Your air conditioning system requires yearly maintenance just like your heating system.

- An efficiently running cooling system can save 25% in cooling costs.
- Dirty air filter-restricts air flow across the indoor cooling coil reducing system's efficiency by 5% to 50% or more.
- Keep windows closed during periods of hot humid weather. Opening windows will add humidity to your house, defeating the dehumidification process of your central air conditioning unit.
- Do not turn your A/C system off in periods of extreme hot or humid weather.
- The system is designed only for a 2 degree temperature drop per hour.
- Save energy by setting your A/C system at 78°F:
- 75°F costs 18% more to run
- 72°F costs 39% more to run

THE TankSure® PROGRAM

$49.95 w/ Service Contract Agreement
$95.00 w/o Service Contract Agreement

Heating oil tanks typically corrode from the inside out. Your tank may look perfectly fine from the outside but it could be wearing excessively thin. The testing (similar to a medical ultrasound) will allow us to give you a sense of security - or advance warning that a problem is on the horizon.

- **Qualifying tanks receive a valuable $1,000 replacement payment to help cover the cost of a tank replacement.**
- **EPA Approved Testing Technology. Ultrasonic equipment detects the level of corrosion inside oil tanks.**
- **Helps protect your home, your biggest investment, your property and our environment. Proactive replacement can help avoid costly remediation expenses.**
- **Inspects common tank components such as legs, seams, fill and vent pipes, oil lines and vent whistle.**
- **Ultrasonic inspection of tank wall thickness evaluates when a proactive replacement is necessary BEFORE the tank leaks.**
- **For Underground Tanks we will give you a $250 replacement credit to upgrade your oil tank to above ground.**
- **For Above Ground Non-Qualifying Tanks we will give you a $200 replacement credit to upgrade your oil tank.**

REPLACING YOUR OIL TANK (Facts You May Want To Consider)

The average life span of an indoor oil tank is between 25 to 35 years.

WHY DO OIL TANKS FAIL:

- Sludge – Acid waste products of micro organisms
- Micro organisms – (Bacteria – Fungi)
- Water condensation – (Common cause of oil tank failure)
- Electrolytic reaction – Organic materials hold oil and water together in suspension at the bottom of your oil tank leading to corrosion.

Minimize your chances of oil tank leaks by installing a new "Tough-Tank". The exclusive design of the "Tough-Tank" provides terrific structural integrity and weld protection. The tank is engineered to withstand internal pressure over 100 psi without rupture. **Apgar Oil Company is your NORA certified tank installer in the Lehigh Valley!**

GREENSHIELD

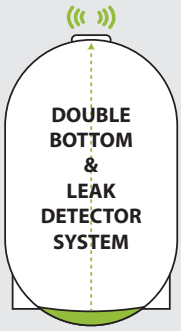
Oil tanks engineered by Granby

ECOGARD

15-year warranty plus $2 million in insurance coverage

ALARM SYSTEM

- Standard float leak detection system
- Optional electronic alarm



The Safest, Most Reliable Tank You Can Buy.
A Logical & Environmentally Responsible Investment.

For more information on our oil tank programs call our office or visit our website at WWW.APGAROIL.COM.

APGAR'S BIOFUEL & FITCH FUEL CATALYST

Proud Distributor AMERIgreen BioFuel

THINGS YOU SHOULD KNOW

1. It is a **renewable homegrown alternative fuel** produced from a wide range of vegetable oils and animal fats.
2. **Burns more efficiently**, increasing performance longevity.
3. **Reduces emissions** (carbon dioxide, sulfur dioxide, particulate matter and greenhouse gases). Use of BioDiesel in school buses was attributed to lower instances of asthma and headaches in school children and bus drivers.
4. **You do not need to make any adjustments** in your home heating system or vehicle to burn Biofuels.
5. **Breaks our dependence on foreign oil** and supports our local economies.

Fitch FUEL CATALYST

THINGS YOU SHOULD KNOW

1. **Saves up to 20%** on heating oil consumption.
2. Including installation, the Fitch unit **has a typical payback period between 1-2 years**.
3. Comes with a **10 year warranty.**
4. Helps **reduce your carbon footprint & improve the air quality of your community**.
5. Improves overall performance & provides a **cleaner burn**.

FROM AFC FIRST

SPECIAL LOAN FEATURES:
- Unsecured loan from $1,000 to $15,000
- Fast approval vs. traditional mortgage or installment loans.
- No home equity required.
- Fixed rates, simple interest loan.
- Terms up to 10 years with no pre-payment penalty.

Financing is becoming a key factor in more homeowner's decision to upgrade or install new heating and central air conditioning equipment. **The Keystone Home Energy Loan Program** is offered through the United States government-backed Fannie Mae mortgage program as the "**EnergyLoan**". Eligible improvements include installation of "**EnergyStar**" **oil-fired heating equipment, central air conditioning, electric-to-oil conversions, oil tank replacements, upgrades of oil storage capacity, oil-fired water heaters, indirect hot water storage tanks, oil-fired convection stoves, in-floor radiant heat, whole house air filtration systems and solar systems. Visit their website at keystonehelp.com or call (888) 232-3477.**

The "EnergyLoan" program is offered only through **approved HVAC Contractors** who meet Fannie Mae standards. **Apgar Oil Co.** has been selected as a participating contractor/dealer in Lehigh Valley. If you have any questions concerning **the Keystone Home Energy Loan Program**, visit their website at **WWW.KEYSTONEHELP.COM** or call **(888) 232-3477**.

If you are interested in a free estimate to upgrade your existing heating or cooling system, feel free to call our office at (610) 434-5195.