

**TRUST.
QUALITY.
VALUE.**

Only from
HB McClure



EMPLOYEE-OWNED

HBMcCLURE
A DIVISION OF HB GLOBAL, LLC

WE RECOMMEND. YOU DECIDE.™

May 2019



WE RECOMMEND
YOU DECIDE™

We understand that you want to make the right choice for your home and budget, so **we recommend** the best solutions, and **you decide** which one is right for you. Our technicians are employee-owners, not commissioned salespeople. That means there's no pressure on you to buy, and the only pressure on us is to become your trusted advisors for all of your home comfort needs.

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Jim Saussaman
Division President

Dear Valued Client,

Since 1914, HB McClure has committed to continually improving the products and services we provide to our clients. This commitment has led to our consistent growth and given us the purchasing power to provide you with the highest quality products at very competitive pricing. With a combined force of more than 1,000 employees, we have the expertise to serve all of your home comfort needs and the resources to be responsive when you need us most.

Thank you for your loyal patronage.

Sincerely,

Jim Saussaman
HB McClure Division President

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Our Services

Let HB McClure be your single-source provider for all of your home's heating, cooling, plumbing, and energy needs.

HEATING & COOLING

24/7 emergency service
Air conditioners
Gas- or oil-fired furnaces
Heat pumps
Ductless mini splits
Geothermal
Boilers
Radiant heat
Air filtration
Carbon monoxide detectors
Duct cleaning
Humidity control
Smart thermostats
Preventive maintenance plans

PLUMBING

24/7 emergency service
Water heaters
Water softeners
Water conditioning
Well systems
Sump pumps
Leak detection
Drain cleaning
Sewer jetting
Preventive maintenance plans

ELECTRICAL

24/7 emergency service
Back-up generators
Circuit repairs
Panel upgrades
USB outlets

FUEL OIL & PROPANE

24/7 emergency service
Worry-free automatic delivery
Smart-Pay budget plans

Our Difference

Employee-Owned

Everyone you deal with has a vested interest in doing the best job possible.

Unbiased Recommendations

Our comfort consultants are NOT paid on commission. Their recommendations are based on your needs, not incentives to earn more. We recommend. You decide.

Property Protection

In the event of accidental damage caused by HB McClure, we'll make it right. We are fully insured, and will take care of any damage for which we are responsible.

Work Quality

Our technicians receive ongoing training and deliver high-quality work.

Accurate Needs Assessment

Systems that are too large or too small don't deliver comfort. Our team is trained to recommend a system that truly meets your needs.

Price Competitive

Our pricing options meet every budget. We leverage our buying power for equipment and materials to save you money.

Financing

Flexible payment plans include options for 0% interest or 120-month term.

Full-Service Contractor

Cooling, heating, plumbing, electrical, fuel oil, propane, and more from an expert team averaging more than 10 years of experience.

Professionalism

We strive to be on time for appointments and are respectful of your home.

Repeat Customers

Having many repeat customers shows that we deliver on our promises.

Responsive

24 hour emergency service provided by a large team of expert technicians able to meet your off-hour and holiday needs better than other service providers.

Respectful

From the front desk to the service technician, our staff will treat you with courtesy and respect.

Stable

Since 1914, we have provided comfort systems to thousands of mid-state residences. We are fully insured and licensed.

Gold Shield Comfort Agreements

A Gold Shield Comfort Agreement helps protect your HVAC equipment by stopping issues before they start. These preventive maintenance programs automatically renew annually and help keep your system running at peak performance, preventing expensive repairs and costly replacements. Our plans are affordable, flexible, and comprehensive, and every Gold Shield tune-up visit includes our Clean Coil Guarantee to ensure you're getting the greatest efficiency and comfort from your system.

3 Gold Shield Options:

BASE - For heating only or cooling only systems. Includes one annual tune-up visit.

PREFERRED - Includes two tune-up visits (semi-annual). Ideal for combination heating/cooling systems.

PREMIER - Parts/labor protection plan that covers the parts and labor for repairs to your system for the term of the agreement. Eliminates large repair bills.

Agreement Benefits Include:

Reduce energy consumption up to 20% with scheduled maintenance.

Extend the life of your equipment and reduce the likelihood of emergencies.

Priority service should a problem arise.

Transferrable to a new owner if you sell your home.

Save 10% on repairs to covered systems plus reduced service fees.

Earn discounts for future system replacements.

Gold Shield Comfort Agreements are available for your plumbing and electrical systems, too.



Repair or Replace?

Your heating and cooling system loses efficiency over time, and it will eventually reach a point at which it costs more to continue repairing it than it does to invest in replacing it. Here are guidelines to help you decide if it's time to consider replacement.

Frequent repairs. Small repairs add up quickly, and that's money that could be invested in a new system. If you're frequently calling for service, that's a good sign your system is in need of replacement.

System age. If your HVAC system is more than 10 years old, you may benefit from the greater efficiency offered by new technologies. We can help you evaluate your existing system and compare costs to purchasing a new, more efficient system.

Poor performance. A noisy system can be a sign that components and motors are wearing out. Inconsistent heating and cooling can also be a sign the end is near, especially if you're starting to see your energy bills are creeping up.

Tiers for Air Conditioners, Gas Furnaces, and Heat Pumps



Platinum – Our premium product. Variable capacity, precise comfort, and quiet operation with iComfort touchscreen WiFi enabled thermostat controls.

Gold – Energy-smart, enhanced performance and quiet operation with WiFi compatible programmable thermostat.

Silver – Value engineered for affordable higher efficiency with electronic programmable thermostat.

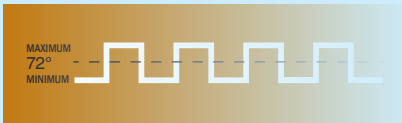
Bronze – Budget-friendly and reliable for efficient comfort with electronic thermostat.

No-Risk Repairs with Service Buy Back*

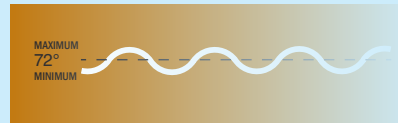
HB McClure will buy back the cost of your repair service up to \$200 if you decide to replace your system within 30 days of the repair. We'll simply apply the cost of the repair as a discount toward the cost of your new system—no questions asked. We'll even buy back the cost of repairs performed by our competitors if you choose HB McClure to perform your system replacement within 30 days. Talk to your technician or call us for details.

*May not be combined with other offers.

UNDERSTANDING VARIABLE CAPACITY OPERATION



Single-Stage Operation: Blower or compressor runs at full speed or is completely off, which creates continuous temperature cycling throughout the day.



Two-Stage Operation: Blower or compressor runs at two speeds to create steadier, more even temperatures with only mild temperature cycling throughout the day.



Variable Capacity Operation: Blower or compressor varies its speed to maintain more consistent temperature and humidity levels without cycling for a perfect temperature all day long. Startup and shutdown are nearly silent.

Air Conditioners

Typical Air Conditioning Installation Includes:

- Remove old equipment from site.
- Recover refrigerant in accordance with EPA guidelines.
- Custom fabricate and install required duct transitions.
- Perform related refrigerant piping and condensate plumbing.
- Perform related refrigerant piping and condensate plumbing.
- Perform related power wiring changes per code.
- Provide and install electronic thermostat, perform required wiring.
- Start up and test.
- Local permit regulation/enforcement/fees vary greatly in our region. Permits are the homeowner's responsibility.

Preparing for Installation:

Our technicians need a clear pathway to move equipment into the home, and the area around the installation site must be free of obstacles. To avoid risk of damaged items, we strongly recommend that you remove all breakables or valuables from the work area. Failure to have items removed could result in rescheduling of the work and/or a charge for lost time. We appreciate your cooperation.

Platinum



- Sound levels as low as 65 dB
- iComfort Wi-Fi® Touchscreen Thermostat enabled
- ENERGY STAR® qualified

Platinum Packages feature premium level compressors that allow for longer run cycles at lower capacities to eliminate “stop and go” inefficiencies. All systems are matched with **variable speed fan/coils** for superior dehumidification, enhanced comfort, quieter operation, improved efficiency and include Wi-Fi compatible electronic thermostat for maximum energy savings.

Lennox XC20 - Variable Capacity Compressor 10-Yr Factory Limited Parts Warranty		
TON	CBA38MV series fan/coil (variable speed)	
	SEER	EER
2	20	14
3	20	13
4	20	13
5	19	12.5
\$		



Gold



- Sound levels as low as 74 dB
- Humiditrol® whole home dehumidification compatible
- ENERGY STAR® qualified

Lennox XC16 - Two-Stage Compressor 10-Yr Factory Limited Parts Warranty		
TON	CBA38MV series fan/coil (variable speed)	
	SEER	EER
2	17	13
3	16	12.5
4	16	12.2
5	16	12
\$		



- Lennox Quantum™ coil technology
- Sound levels as low as 71 dB
- Humiditrol® whole home dehumidification compatible
- ENERGY STAR® qualified

Lennox EL16XC1 - Single-Stage Compressor 10-Yr Factory Limited Parts Warranty		
TON	CBA27 series fan/coil (enhanced performance)	
	SEER	EER
1.5	16	13
2	16	13
2.5	16	13
3	16	13
3.5	16	13
4	15	12.5
5	14.5	12.2
\$		



Gold Packages feature premium level two-stage or single-stage units providing lower outdoor unit noise with **enhanced performance fan/coils** for better dehumidification, increased comfort and improved efficiency. These systems include Wi-Fi compatible electronic programmable thermostat.

Silver



- Direct-drive, precision-balanced fan
- Sound levels as low as 76 dB
- Strong nominal cooling capacities
- ENERGY STAR® qualified



Lennox 16ACX - Two-Stage Compressor 10-Yr Factory Limited Parts Warranty		
TON	CBA27 series fan/coil (enhanced performance)	
	SEER	EER
2	16	13
3	15	12.2
4	16	12.2
5	15.1	11.7
\$		



- Sound levels as low as 76 dB
- Humiditrol® whole home dehumidification compatible
- ENERGY STAR® qualified



Lennox 14ACX - Single-Stage Compressor 10-Yr Factory Limited Parts Warranty		
TON	CBA27 series fan/coil (enhanced performance)	
	SEER	EER
1.5	16	13
2	16	13
2.5	16	13
3	16	13
3.5	15.5	12.5
4	14.5	12.2
5	14.5	12
\$		



Silver Packages feature two-stage or single-stage compressors matched with enhanced performance fan/coils for better dehumidification, increased comfort and improved efficiency.

Bronze



- Affordable, efficient cooling
- Precision scroll compressor
- Sound levels as low as 76 dB



Lennox 13ACX - Single-Stage Compressor 10-Yr Factory Limited Parts Warranty		
TON	CBX25 series fan/coil	
	SEER	EER
1.5	13	11.5
2	13	11
2.5	13	11.5
3	13	11
3.5	13	11
4	13	11
5	13	11
\$		

Bronze Packages are value-driven engineered for the most competitive priced systems, matched with fixed-speed fan/coils.

When Adding a System:

We will provide the necessary supply and return plenum modifications. Any deficiencies or inadequacies of the existing duct system will not necessarily be corrected with the installation of the new equipment. Upon completion of the installation, your technician will perform a startup and test the new equipment. All handling of refrigerant will meet or exceed EPA guidelines for reclaiming and recycling of refrigerants.

Typical Add-On Installation Includes:

- The outdoor unit will be placed on a new support base.
- The indoor coil will be installed in the existing supply plenum.
- We perform all power wiring necessary for the equipment installation.
- New insulated refrigerant lines will be installed from the indoor unit to the new outdoor unit.
- We provide and install an electronic thermostat and perform related wiring.
- A condensate drain line will be installed and connected to the coil section.
- Local permit regulation/enforcement/fees vary greatly in our region. Permits are the homeowner's responsibility.

Typical add-on coil



Typical fan/coil



Heat Pumps

Typical Heat Pump Installation Includes:

- Remove old equipment from site.
- Recover refrigerant in accordance with EPA guidelines.
- Custom fabricate and install required duct transitions.
- Perform related refrigerant piping and condensate plumbing.
- Perform related power wiring changes per code.
- Provide and install electronic thermostat, perform required wiring.
- Start up and test.
- Local permit regulation/enforcement/fees vary greatly in our region. Permits are the homeowner's responsibility.

Typical Fully-Ducted Installation Includes:

- Engineered duct sizing and layout to ensure proper air flow.
- Ductwork will be custom fabricated at our in-house shop and installed to meet or exceed code requirements and trade association guidelines.
- Perform related power and control wiring.
- New insulated refrigerant lines will be installed from the indoor unit to the new outdoor unit.
- We provide and install an electronic thermostat and perform related wiring.
- Ductwork in attics and crawl spaces will be insulated to R-8 as per code.
- Provide and install manual volume dampers on each supply branch line for proper balancing of system.
- Fan/coils installed in attic spaces will include a secondary overflow drain pan that contains a safety shut-off switch.
- Local permit regulation/enforcement/fees vary greatly in our region. Permits are the homeowner's responsibility.

Platinum



- Precise Comfort™ technology
- Climate IQ® technology
- SilentComfort™ technology
- iComfort Wi-Fi® Touchscreen Thermostat enabled
- Sound levels as low as 58 dB
- ENERGY STAR® qualified
- Dual fuel capability



- Sound levels as low as 65 dB
- iComfort Wi-Fi® Touchscreen Thermostat enabled
- ENERGY STAR® qualified
- Dual fuel capability

Platinum Packages feature **premium variable capacity compressors** that allow for longer run cycles at lower capacities to eliminate “stop and go” inefficiencies. All systems are matched with **variable speed fan/coils** for superior dehumidification, enhanced comfort, quieter operation, improved efficiency and include electronic programmable communicating thermostat for maximum energy savings.

Lennox XP25 - Variable Capacity Compressor 10-Yr Factory Limited Parts Warranty			
TON	CBA38MV series fan/coil (variable speed)		
	SEER	EER	HSPF
2	22	15.5	10
3	21.5	13.5	10
4	19.5	12.5	9.6
5	19.5	12.5	10
\$			



Lennox XP20 - Variable Capacity Compressor 10-Yr Factory Limited Parts Warranty			
TON	CBA38MV series fan/coil (variable speed)		
	SEER	EER	HSPF
2	20	14	10
3	20	13.5	10
4	19	12.5	9.6
5	19	12.5	9.6
\$			



Gold



- Sound levels as low as 74 dB
- Humiditrol® whole home dehumidification compatible
- ENERGY STAR® qualified
- Dual fuel capability



- Sound levels as low as 71 dB
- iComfort WiFi® Touchscreen Thermostat enabled
- ENERGY STAR® qualified
- Dual fuel capability

Gold Packages feature premium level two-stage and single-stage units providing lower outdoor unit noise with **enhanced performance fan/coils** for better dehumidification, increased comfort and improved efficiency. These systems include Wi-Fi compatible electronic programmable thermostat.

Lennox XP16 - Two-Stage Compressor 10-Yr Factory Limited Parts Warranty			
TON	CBA38MV series fan/coil (variable speed)		
	SEER	EER	HSPF
2	16.5	12.5	8.5
3	16	13	8.5
4	16	12	8.5
5	15	12	8.5
\$			



Lennox EL15XP1 - Single-Stage Compressor 10-Yr Factory Limited Parts Warranty			
TON	CBA27 series fan/coil (enhanced performance)		
	SEER	EER	HSPF
1.5	16	13	9
2	16	13	9
2.5	16	13	9
3	15	12.5	9
3.5	15.1	12.75	8.5
4	15	12.5	9
5	14.25	12.2	9
\$			



Silver



- Sound levels as low as 74 dB
- ENERGY STAR® qualified
- Dual fuel capability



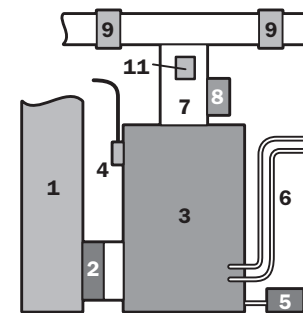
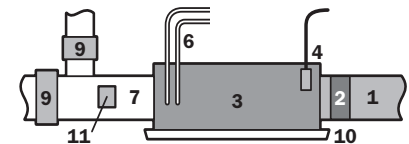
Silver Packages feature premium level two-stage outdoor unit, providing lower outdoor unit noise matched with **enhanced performance fan/coils**.

Lennox 16HPX - Two-Stage Compressor 10-Yr Factory Limited Parts Warranty			
TON	CBA27 series fan/coil (enhanced performance)		
	SEER	EER	HSPF
2	15.5	12	8.5
3	16	13	9
4	16	12	9
5	14.5	11.5	8.5
\$			



Preparing for Installation:

Our technicians need a clear pathway to move equipment into the home, and the area around the installation site must be free of obstacles. To avoid risk of damaged items, we strongly recommend that you remove all breakables or valuables from the work area. Failure to have items removed could result in rescheduling of the work and/or a charge for lost time. We appreciate your cooperation.



Typical Installations:

- 1 Return Duct
- 2 High Performance Filter (optional)
- 3 Fan/Coil
- 4 Electrical Disconnect
- 5 Condensate Pump (if required)
- 6 Refrigerant Lines
- 7 Supply Duct
- 8 Humidifier (optional)
- 9 Zone Dampers (optional)
- 10 Emergency Pan With Safety Switch
- 11 Air Purifier (optional)

Bronze



- Sound levels as low as 76 dB
- Dual fuel capability



Bronze Packages are value-driven engineered for the most competitive priced systems, matched with fixed-speed fan/coils.

Lennox ML14XP1 - Single-Stage Compressor 10-Yr Factory Limited Parts Warranty			
TON	CBA25 series fan/coil (standard)		
	SEER	EER	HSPF
1.5	14	12	8.2
2	14	12	8.2
2.5	14	11.5	8.2
3	14	12	8.2
3.5	14	12	8.2
4	14	12	8.2
5	14	12	8.2
\$			

Extended Labor Warranty Options

HB McClure has complete confidence in the systems we install, but some homeowners prefer the added assurance of an extended warranty. Our extended labor warranty plans provide additional coverage to alleviate out-of-pocket expenses for things like labor, diagnostics, and refrigerant that are not covered by the manufacturer's factory warranty.

Choose a 3-Year or 5-Year Labor Warranty to receive:

- Extended labor coverage for primary equipment begins on the date of installation.
- Guaranteed 24-hour response time. With your new system, we promise to respond to an emergency "no heat" or "no cooling" call within 24-hrs.
- Coverage is transferrable to new owners at no additional cost.
- Routine maintenance may be required to maintain warranty coverage.

3-Year Warranty \$

5-Year Warranty \$

Furnaces - Gas & Oil

Direct-Vented Gas Furnaces

A direct-vented furnace uses one pipe to bring outside air into the combustion chamber, while a second pipe vents exhaust gas outside your home.



Typical Furnace Installation Includes:

- Disconnect and remove existing unit from site.
- Modify existing fuel line or connection to new unit.
- Fabricate and install required duct transitions to connect new equipment to existing air distribution system. (Any deficiencies or inadequacies of existing duct system will not necessarily be corrected with new equipment.)
- Provide and install an electronic thermostat and perform related wiring.
- Provide and install PVC exhaust and inlet flue venting for units with >90% AFUE.
- For units with <90% AFUE, we will install galvanized smoke pipe into the chimney base. We assume the chimney to be in good working order. The existing chimney must be inspected and approved by a chimney professional. Please refer to additional chimney information sheet for details.
- Local permit regulation/enforcement/fees vary greatly in our region. Permits are the homeowner's responsibility.

Preparing for Installation:

Our technicians need a clear pathway to move equipment into the home, and the area around the installation site must be free of obstacles. To avoid risk of damaged items, we strongly recommend that you remove all breakables or valuables from the work area. Failure to have items removed could result in rescheduling of the work and/or a charge for lost time. We appreciate your cooperation.

Platinum

- Precise Comfort® and AirFlex™ technologies
- SilentComfort™ technology
- iComfort Wi-Fi® Touchscreen Thermostat enabled
- Upflow/horizontal or dedicated downflow designs
- Sealed and insulated blower compartment
- ENERGY STAR® qualified
- Dual fuel capability

Lennox SLP98V - Variable Capacity			
10-Yr Factory Limited Parts Warranty Lifetime Limited Factory Heat Exchanger Warranty Variable Speed Blower			
	High Fire	Low Fire	AFUE
BTU	66MBH in/64MBH out	23MBH in/22MBH out	98.1%
	88MBH in/85MBH out	31MBH in/30MBH out	98.1%
	110MBH in/106MBH out	39MBH in/38MBH out	98.1%
	132MBH in/128MBH out	46MBH in/45MBH out	98.4%
\$			

Platinum gas furnaces are 98%+ efficient and utilize PVC flue inlet and exhaust flue venting. They feature **modulating capacity burners** that match the building load demand and eliminate "stop and go" inefficiencies. All systems also include programmable electronic communicating thermostats and **variable-speed blowers** for enhanced comfort and quieter operation. These units can be matched to two-stage AC or HP systems.

Gold

- iComfort Wi-Fi® Touchscreen Thermostat enabled
- Enhanced humidity control
- Upflow/horizontal or dedicated downflow designs
- Sealed and insulated blower compartment
- ENERGY STAR® qualified
- Dual fuel capability

Lennox EL296V - Two-Stage			
10-Yr Factory Limited Parts Warranty Lifetime Limited Factory Heat Exchanger Warranty Variable Speed Blower			
	High Fire	Low Fire	AFUE
BTU	44MBH in/42MBH out	29MBH in/28MBH out	96%
	66MBH in/62MBH out	43MBH in/41MBH out	96%
	88MBH in/84MBH out	57MBH in/55MBH out	96%
	110MBH in/105MBH out	72MBH in/70MBH out	96%
	132MBH in/126MBH out	86MBH in/84MBH out	96%
\$			

- Constant torque Power Saver technology
- Power Save motor increases system efficiency
- Upflow/horizontal or dedicated downflow designs
- Sealed and insulated blower compartment
- ENERGY STAR® qualified
- Dual fuel capability

Lennox EL195E - Single-Stage		
10-Yr Factory Limited Parts Warranty Lifetime Limited Factory Heat Exchanger Warranty Enhanced Performance Blower		
		AFLUE
BTU	44MBH in/42MBH out	95%
	68MBH in/63MBH out	95%
	88MBH in/84MBH out	95%
	110MBH in/106MBH out	95%
\$		

Gold gas furnaces are 95%+ efficient and utilize PVC flue inlet and exhaust flue venting. All systems also include Wi-Fi compatible electronic programmable thermostat and high-performance fans for enhanced comfort and quieter operation. These units can be matched to two-stage AC or HP systems.

Silver

- Upflow/horizontal or dedicated downflow designs
- Sealed and insulated blower compartment
- Dual fuel capability
- One- or two-pipe ready
- Constant torque Power Saver technology

Lennox ML193 - Single-Stage		
10-Yr Factory Limited Parts Warranty Lifetime Limited Factory Heat Exchanger Warranty Fixed-Speed Blower		
BTU	44MBH in/42MBH out	
	66MBH in/63MBH out	
	88MBH in/84MBH out	
	110MBH in/105MBH out	
\$		

Silver gas furnaces are 93%+ efficient and utilize PVC flue inlet and exhaust flue venting. These units are single-stage burners reliably delivering 90%+ AFUE.

Bronze

- Upflow/horizontal or dedicated downflow designs
- Dual fuel capability

Lennox ML180 - Single-Stage 10-Yr Factory Limited Parts Warranty 20-Yr Limited Factory Heat Exchanger Warranty		
BTU		AFLUE
	44MBH in/36MBH out	80%
	66MBH in/53MBH out	80%
	88MBH in/72MBH out	80%
	100MBH in/90MBH out	80%
	132MBH in/107MBH out	80%
\$		

Bronze Packages are 80% efficient and must be chimney vented into either an inspected and approved masonry chimney or into a type-B gas flue vent. These units are single-stage with fixed-speed blowers.

Lennox Oil Furnace



- SilentComfort™ technology enhanced
- Beckett® NX Oil Burner
- Upflow or lo-boy designs
- ENERGY STAR® qualified
- Dual fuel capability

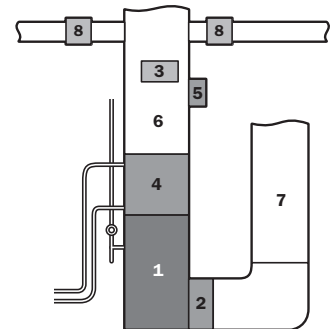
Lennox SL0185V Series - Single-Stage 10-Yr Limited Parts Lifetime Limited Heat Exchanger Variable Speed Blower			
Model #	Nozzle	Net Output	AFUE
UF79/105V42	.50	67MBH	86%
	.65	87MBH	85%
UF124/141V60	.75	104MBH	87%
	.85	118MBH	85%
BF79/105V24	.50	67MBH	85%
	.65	87MBH	85%
BF124/141V60	.75	104MBH	85%
	.85	118MBH	85%
\$			

Chimney-Vented Gas Furnaces

A chimney-vented furnace vents exhaust gas from your furnace out through your chimney. Chimneys must be properly lined to vent furnace gases.

Oil Furnaces

Oil furnace equipment must be chimney vented into either an inspected and approved masonry chimney or a stainless steel-lined chimney or into an "all-fuel" flue vent.



Typical Installations:

- 1: Furnace
- 2: High Performance Filter (optional)
- 3: Air Purifier (optional)
- 4: Indoor Coil
- 5: Humidifier (optional)
- 6: Supply Duct
- 7: Return Duct
- 8: Zone Dampers (optional)

4 REASONS TO ROUTINELY CHANGE YOUR FURNACE FILTER

Lower energy bills. A clean filter allows your furnace to easily draw in air and use less energy to heat your home.

Longer furnace life. When the filter is clean, less dust and debris work their way into the inner components, reducing build up and avoiding breakdown.

Improved air quality. A clean filter captures dust and debris and prevents it from being dispersed into the air throughout your home.

Greater comfort. A furnace that's operating with a clean air filter can function efficiently and effectively, making your home more comfortable.

Boilers

Typical Boiler Installation Includes:

- Disconnect and remove existing boiler from site.
- Modify existing fuel line for connection to new unit.
- Provide and install piping to connect to existing distribution system.
- Perform related power and control wiring.
- Provide and install PVC exhaust and inlet flue venting for units with >90% AFUE.
- For units with <90% AFUE, we will install galvanized smoke pipe into the chimney base. We assume the chimney to be in good working order. The existing chimney must be inspected and approved by a chimney professional. Please refer to additional chimney information sheet for details.
- Water boilers include new circulator, flow control valve, air scoop, expansion tank, and water feeder unless otherwise noted.
- Steam boilers include automatic water feeder and low water cut-off. If during or after installation any pre-existing return condensate lines or radiator vents are found to be defective, leaking, blocked, or not in balance, they will be corrected upon customer approval of fee for additional time and materials.
- Local permit regulation/enforcement/fees vary greatly in our region. Permits are the homeowner's responsibility.

Preparing for Installation:

Our technicians need a clear pathway to move equipment into the home, and the area around the installation site must be free of obstacles. To avoid risk of damaged items, we strongly recommend that you remove all breakables or valuables from the work area. Failure to have items removed could result in rescheduling of the work and/or a charge for lost time. We appreciate your cooperation.

Slant/Fin® Oil Boilers

Oil-fired Hot Water Slant/Fin Intrepid Series

Cast iron vessel **lifetime limited** factory heat exchanger warranty. **5-yr parts & labor limited** factory warranty. Must be chimney vented into either an inspected and approved masonry chimney or into a chimney with a liner.

MOD#	NET OUTPUT	AFUE
TR-20	77MBH	85.1%
TR-30	114MBH 130MBH	84.8% 84.2%
TR-40	164MBH 190MBH	84.4% 84.2%
TR-50	215MBH	84%

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Oil-fired Steam Slant/Fin Intrepid Series

Cast iron vessel **10-yr limited** factory heat exchanger warranty. **5-yr parts & labor limited** factory warranty. Must be chimney vented into either an inspected and approved masonry chimney or into a chimney with a liner.

MOD#	NET OUTPUT	SQ. FT.	AFUE
TR-30	98MBH	408	84.1%
TR-40	141MBH	588	83.8%
TR-50	184MBH	767	83.4%

\$

Buderus Oil Boilers

Oil-fired Hot Water - Buderus G115WS Series with Logamatic

Cast iron vessel carries **lifetime limited** factory heat exchanger warranty. Outdoor reset controls for lower operating costs.

Must be chimney vented into either an inspected and approved masonry chimney or into a chimney with a liner.

MOD#	NET OUTPUT	AFUE
G115WS-3	74MBH	87%
G115WS-4	95MBH	87%
G115WS-5	118MBH	87%

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Slant/Fin® Gas Boilers

Gas-fired Hot Water Slant/Fin Sentry Series

Cast iron boiler with electronic ignition and chimney vent damper. **5-yr parts & labor limited** factory warranty. Boiler vessel **lifetime limited** factory heat exchanger warranty. Must be chimney vented into either an inspected and approved masonry chimney or into a chimney with a liner.

MOD#	NET OUTPUT	AFUE
S-60	44MBH	84.4%
S-90	66MBH	84.2%
S-120	88MBH	84.1%
S-150	109MBH	84%

\$

Gas-fired Steam Slant/Fin Galaxy Series

Cast iron vessel which carries a **10-yr limited** factory heat exchanger warranty. **5-yr parts & labor limited** factory warranty. Must be chimney vented into either an inspected and approved masonry chimney or into a chimney with a liner.

MOD#	NET OUTPUT	SQ. FT.	AFUE
GXHA-100	61MBH	254	81%
GXHA-120	73MBH	304	81.2%
GXHA-160	98MBH	408	81.2%
GXHA-200	122MBH	508	81.3%

\$

Gas-Fired Boilers

Bosch Greenstar Series

Variable Capacity Boilers



5-Yr Parts & Labor Factory Warranty

Lifetime Limited Factory Heat Exchanger Warranty

Technical Expertise. If your Bosch HVAC system ever requires service, an ABC Contractor has access to spare parts along with technical support from Bosch and Buderus factory-trained experts.

Greenstar Condensing Gas Boilers

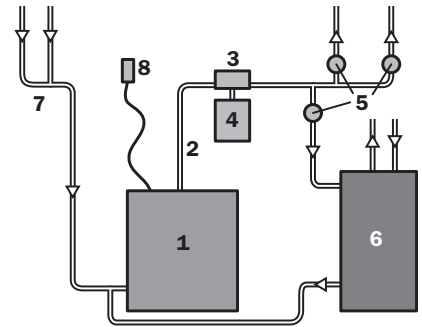
Model Number	INPUT MIN/MAX	NET OUTPUT	AFUE
GREENSTAR FS 57 KBR16-3	12.9/57.2MBH	45MBH	95%
GREENSTAR FS 100 KBR28-3	24.6/79.2MBH	62MBH	95%
GREENSTAR FS 131 KBR35-3	36/131.9MBH	103MBH	95%
GREENSTAR FS 151 KBR42-3	36/151.6MBH	117MBH	95%

Floor Standing Combi Condensing Boilers

Model Number	INPUT MIN/MAX	NET OUTPUT	HOT WATER GPM @ 72	AFUE
COMBI FS 100 KWB28-3	24.6/79.2MBH	62MBH	2.65	95%
COMBI FS 131 KWB35-3	36/131.9MBH	103MBH	3.2	95%
COMBI FS 151 KWB42-3	36/151.6MBH	117MBH	4.0	95%

Boiler Option: Indirect Water Heating

An indirect water heater combined with a high-efficiency boiler and a well-insulated tank can be an efficient and inexpensive way to produce hot water. An indirect water heater uses the boiler to heat fluid that's circulated through a heat exchanger in the water storage tank, so the boiler turns on and off less often, which saves energy.



Typical Installations:

- 1: Boiler
- 2: Supply Piping
- 3: Air Scoop
- 4: Expansion Tank
- 5: Circulator Pump(s)
- 6: Indirect Water Heater (optional)
- 7: Return Piping
- 8: Outdoor Reset Control (optional)

Fuel Oil & Propane Service & Delivery

For reliable fuel oil and propane service and delivery and competitive rates with no hidden fees, trust the home heating experts at HB McClure.

Home Heating Fuel Oil

HB McClure has a home heating oil plan for every budget. Our offering includes automatic delivery, budget payment plans, and price protection, and we offer service options to keep your system operating at peak efficiency. Automatic delivery customers receive free emergency delivery service, and we offer extra savings for military, senior citizens, EFT, and more. We can also replace your oil tank with a standard steel tank or double-wall tank with 100% containment.



Propane

If you use propane for your home heating, hot water, cooking, or a fireplace, call HB McClure. We can provide free leased tank installation, convenient tank rental, and lease-to-own and purchase options. We also offer free emergency delivery service for automatic delivery customers, a free safety inspection with your first delivery, and flexible payment options. If you need assistance ending your current tank lease agreement with another provider, we can help with that, too.



Ductless Mini Splits: An Alternative Heating and Cooling Solution

A ductless mini split is an effective and efficient heating and cooling solution for situations when ducting is not an option. Just like a heat pump, it works by transferring ambient heat from outdoors to indoors in heating mode and from indoors to outdoors in cooling mode. Each indoor unit is dedicated to a single room or space, and multiple indoor units can be connected to a single outdoor unit.



Fujitsu Elite Contractor



HB McClure proudly installs Fujitsu ductless mini splits, and we are an Elite contractor. As an Elite contractor, we receive extensive training in the design, installation, and service of Fujitsu mini splits. Our Elite designation also allows us to provide our customers with an exclusive 12-year factory parts warranty on most Fujitsu systems.

Ductless Mini Splits Are Ideal for:

- Older homes without ductwork
- Renovations
- Additions
- Above-garage rooms
- Basements
- Rooms with poor temperature control



Advantages

Quiet Operation

Ductless mini splits are comprised of an indoor and outdoor unit, which allows for a peaceful inside environment by keeping louder components like compressors and motors outdoors.

Easy Installation

Copper tubing running through a small 3- to 4-inch opening in the wall or ceiling easily connects the indoor and outdoor units.

Energy Efficient

Because there are no ducts, Halcyon systems lose less than 5% cooling as compared to up to 40% for traditional forced-air systems. Increased efficiencies up to 33 SEER and 14.2 HSPF mean lower utility bills, and Energy Star models are available.

Individual Zoning

Individual zoning allows you to heat or cool only the areas you want and not the areas that are unoccupied.

Environmentally Friendly

Halcyon systems use R410A refrigerant designed to prevent the depletion of the ozone layer.

Safe and Secure

Window air conditioners make it easy for an intruder to enter your home. Halcyon units mount high on a wall, in a ceiling, or in the floor away from the window, providing you with improved security and a pleasant view.

Installation & Mounting Options

- Wall-mounted, floor-mounted, or ceiling-mounted placement options
- Single-zone, multi-zone (2 to 5 zones), and flex-zone (2 to 8 zones) options

Ductless mini splits are available in a variety of capacities and configurations.

Let HB McClure help you determine which system is best for your unique application.

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Geothermal Solutions from Central PA's Expert

HB McClure is Central Pennsylvania's most experienced geothermal contractor. Since 1974, we have installed thousands of geothermal systems in single-family homes, townhomes, office buildings, schools, and hotels, and many of our installations are retrofit into existing buildings. Our team provides turnkey service by partnering with the region's best earthloop installers, and we can also help you reduce water heating costs by adding a de-superheater.



Geothermal Heat Pump

- Optional domestic hot water generator helps reduce energy bills
- Insulated compressor and blower sections provide extremely quiet operation
- Tin-plated copper air coils for increased system longevity
- Energy Star rated

Factory Warranty

- 10-yr factory parts limited warranty covering all ClimateMaster® components
- 10-yr factory labor allowance applied to any labor costs for repairs to ClimateMaster® components

Geothermal units may qualify for federal tax credits. Consult your tax professional for details.

Tranquility® 30 and 22 Series

- 3-stage heat/2-stage cool with variable speed fan
- Integral variable-speed water flow system
- Ultra-compact cabinet and footprint

Tranquility® 30 Digital (TE)

Unit	Cooling		Heating	
	Stage 1 (MBH/EER)	Stage 2 (MBH/EER)	Stage 1 MBH/COP	Stage 2 MBH/COP
TE-038	29.7/29.6	39.0/27.4	23.8/4.8	29.7/4.4
TE-049	39.1/27.4	49.6/19.3	29.8/4.4	36.4/4.0
TE-064	51.2/26.7	66.2/18.8	38.1/4.4	48.7/3.9
TE-072	58.1/23.2	71.7/16.9	46.0/3.9	55.8/3.7

\$



Tranquility® 22 Digital (TS)

Unit	Cooling		Heating	
	Stage 1 (MBH/EER)	Stage 2 (MBH/EER)	Stage 1 MBH/COP	Stage 2 MBH/COP
TZ-030	24.2/20.9	29.9/15.7	19.4/3.9	23.8/3.6
TZ-036	23.3/23.4	35.2/16.7	21.5/4.0	27.3/3.6
TZ-042	34.0/22.0	43.1/16.1	26.9/3.8	33.3/3.4
TZ-048	37.6/21.2	48.1/15.5	29.2/4.1	35.6/3.7
TZ-060	48.6/23.7	63.2/17.3	34.8/4.0	43.7/3.6

ASHRAE/AHRI/ISO 13256-1 Certified

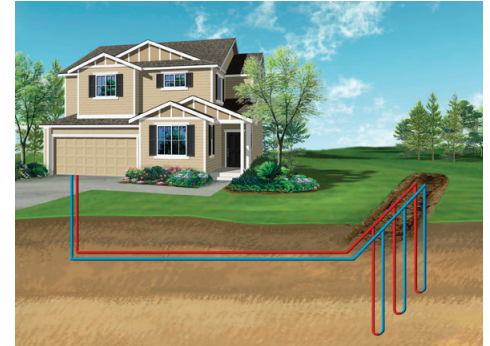
*Approximately 80% of your heating and cooling needs are met using first stage operation.

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How Does Geothermal Work?

A geothermal system is a ground source heat pump that provides both heating and cooling by transferring heat into your home in heating mode and out of your home in cooling mode. Because a geothermal system moves heat instead of generating it, it can be much more efficient than systems that burn fossil fuels.



Typical Geothermal Installation Includes:

For closed-loop systems we provide and install socket-fused geothermal piping from inside the foundation to the system flowcenter.

- Loop piping inside foundation will be socket-fused and insulated.
- Electronic thermostat.
- Related power and control wiring.
- Condensate plumbing.
- Ductwork: Fabricate and install transitions to connect to existing distribution system. (Deficiencies in present duct system may not necessarily be corrected with new equipment.) Or, design, fabricate, and install complete air delivery system.
- Start-up and test system operation.
- Local permit regulation/enforcement/fees vary greatly in our region. Permits are the homeowner's responsibility.

Health & Safety Enhancements

WATER

Water Softening and Purification

Softening your water can help alleviate dry skin and prevent mineral deposits on your fixtures and glassware, and the cost of a water softener is easily recouped through the longer life of your clothes, dishes, and appliances.

Water Filtration

Whole-house water filtration removes chlorine and harmful chemicals and improves water quality for all water uses, including bathing, cleaning, laundering, and drinking.

Sump Pumps

Keeping a dry basement can be a challenge. Avoid water damage with a reliable Zoeller® sump pump. We can install a pre-assembled battery back-up version that holds a charge for up to 7.5 hours of continuous operation.

INDOOR AIR QUALITY

Duct Cleaning

Dirty ductwork circulates airborne allergens and can decrease the efficiency of your heating and cooling system by up to 15%. HB McClure duct cleaning can help improve your indoor air quality, keep your home clean longer, and lower your energy bills.

Air Purification Systems

Improve your health while also helping your home comfort systems operate at peak efficiency. We offer a variety of options to filter dust, pollen, bacteria, viruses, mold, and more out of your indoor air.

Humidification System

Maintaining the proper relative humidity in your home can improve health and alleviate dry skin, itchy eyes, sore throats, and sinus headaches. A properly humidified home can also feel warmer than a dry home. HB McClure offers a variety of residential humidifiers to meet your specific needs.

TECHNOLOGY ENHANCEMENTS

Programmable and Wi-Fi Enabled Thermostats

Reduce energy costs by as much as 10% and improve home comfort by managing your heating and cooling systems remotely. Control your heating or cooling system from any computer, smartphone or tablet. Easy-to-use app for Apple and Android devices streamlines access.

Home Temperature Zoning

Reduce energy use associated with little- or under-used rooms with home temperature zoning. This technology is highly effective for homes with multiple levels, rooms with large windows, large open areas, rooms with exposed concrete, or areas that are difficult to keep warm or cool.

USB Outlets

Replace your standard outlets with convenient USB outlets and conveniently charge USB devices throughout your home. We install combination electrical/USB outlets, so you don't have to sacrifice your electrical outlets to add USB. You can enjoy access to both.

SAFETY & PROTECTION

Carbon Monoxide Monitor and Detector

If you use any fossil fuel for heating, hot water or cooking, you should have a carbon monoxide monitoring system. Homes with wood stoves and fire places (wood or gas) should also be monitored. While many detectors alert you after CO levels become dangerous, our models are highly sensitive and alert you to a problem before levels become dangerous.

Whole-House Surge Protectors

Whole-house surge protectors prevent the permanent damage that can result from a major power surge. Protect the expensive electrical investments in your home with a whole-house surge protection system.

Wired Smoke Detectors

Never worry about dead batteries again with a wired smoke detector. Battery backup provides continuous protection for you and your family even during power outages.

EMPLOYEE-OWNED

HBMcCLURE

A DIVISION OF HB GLOBAL, LLC

WE RECOMMEND. YOU DECIDE.™

HB McClure Company

We Recommend. You Decide™.

717-232-HEAT (4328) Harrisburg

717-845-HEAT (4328) York

717-243-9011 Carlisle

717-285-2228 Lancaster

717-534-2661 Hershey

www.hbmclure.com