

Municipal Inspections, Inc.
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GARAGE HEATER HANDOUT

Inspection Record card or summary permit sheet shall be available and shall remain on the job site until the final inspection has been made.

164 (259) 11aC 4777 to schedule your final inspection. For same day inspection, please call between 8:00 a.m. – 9:00 a.m.

Heating Equipment

→ Listed and installed per manufacturer – provide instructions.

→ Check clearances to furnace.

- 30” in front
- 1” sides and back minimum (read installation instructions)
- 6” to combustibles single wall vent
- 1” to combustibles Class B vent

→ Provide flue gas test (ORSAT) on all heat producing equipment indicating:

- Carbon monoxide (CO)< 400 parts per million
- Carbon dioxide (CO²) 6-9%
- Oxygen (O²) 4-10%
- Stack temperature = 480° F. for metal and = 200° F for plastic

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→ Every garage heater that produces products of combustion shall be vented to the exterior.

→ Check vent connector rise and length to vent. (1/4” per foot min rise 6 feet max).

→ Furnace needs to be vented per manufactures installation instructions (read installation instructions).

- Must have roof cap installed on top of flue.
- Must have 3 screws per joint on single wall vent.

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- Must have 25# air test for 12 hours on gas line, homeowner or contractor responsible for test equipment.
- Copper tubing (Type L, K or ACR), iron, galvanized or black steel with threaded fittings or welded pipe.
- Branch lines not connected to appliances must be plugged.
- Check gas lines are not bent, strained or kinked.
- Joints need to be brazed, not soldered. Must use couplings for reducers.
- Strap all gas lines every 6' with copper straps.
- Shutoffs for appliances outside of appliance and within 3'.
- Must have drip-T on gas line.
- Must have Maxitrol installed horizontal and level with a drip-T before the Maxitrol on the high pressure side.
- Must have shut-off and union on furnace gas supply.