

**City of Farmington**  
**430 3<sup>rd</sup> St.**  
**Farmington, MN 55024**  
**651-280-6830**



## **Garage Heater**

This pamphlet is a compilation of some of the standard requirements based on the State Building Code for projects of this type. This information packet does not contain all of the specific codes and should only be used as a guide. The permittee is responsible to meet all code requirements applicable to each project.

### **Mechanical Permits are required for garage heater installation in the City of Farmington**

#### **\* Electrical Permit may be required for garage heater installation**

- Where a dedicated circuit does not already exist an electrical permit is required to install a dedicated circuit

#### **Typical Installation requirements**

- Equipment and appliances shall be installed according to manufacturer's installation instructions and the terms of their listing
- Clearance to combustibles shall be determined by manufacturer's specifications
- Appliances located in private garages shall be installed with a minimum clearance of 6' above the floor
- Appliances shall not be installed in a location subject to mechanical damage unless protected by barriers
- The ignition source for any appliance installed in a garage shall be a minimum of 18" above the floor

#### **\* See Gas Line Installation information for gas line requirements**

- Gas pressure regulator may be required (refer to appliance manufacturer's installation instructions)
- Gas lines shall have a dedicated shutoff valve within 6' of the heater
- A sediment trap shall be installed before all automatically controlled gas appliances.
- A union shall be installed between the dedicated shutoff valve and the heater

#### **Venting**

- Vents shall be sized and installed according to vent and appliance manufacturer's installation instructions
- Clearance from type B vents to combustibles shall be according to manufacturer (typically 1")
- Clearance from single wall vent to combustibles shall be according to manufacturer (typically 6")
- Vents shall terminate with a listed and labeled cap

***Manufacturer's installation instructions for the heater and the vent pipe must be available for inspection***

When work is ready, an inspection must be requested and made. Inspection hours are 9:00 AM to 3:15 PM Weekdays. All inspections require at least 24 hour notice to the Building Department 651-280-6830.

# City of Farmington

430 Third St., Farmington, MN 55024  
651-280-6830 Fax 651-280-6839



## Application for Mechanical Permit HVAC

Date \_\_\_\_\_

Permit No. \_\_\_\_\_

<b>Site Address</b>	_____
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**Applicant:** Owner \_\_\_\_ Contractor \_\_\_\_

<b>Property Owner</b>	Name/Company _____ Phone No. _____ Address _____ City _____ State _____ Zip _____ <b>Email address</b> _____
<b>Contractor</b>	Company _____ Phone No. _____ Contractor License No.: _____ Expiration Date _____ Contact Person (Print) _____ Phone No. _____ Address _____ City _____ State _____ Zip _____ <b>Email address:</b> _____

**FORM ONLY VALID THROUGH 12/31/18**

<b>Work Type:</b>	<input type="checkbox"/> - New <input type="checkbox"/> - Remodel/Alt. <input type="checkbox"/> - Repair <input type="checkbox"/> - Replace (Provide job cost for non-residential projects.)
<b>Mechanical Permit/ System Type:</b> (Maximum of 4 different types)	<input type="checkbox"/> - Heating (Quantity ___) <input type="checkbox"/> - Air (Quantity ___) <input type="checkbox"/> - Power Plant <input type="checkbox"/> - Ventilation <input type="checkbox"/> - Gas Piping <input type="checkbox"/> - Garage Heater <input type="checkbox"/> - Duct Work <input type="checkbox"/> - Refrigeration <input type="checkbox"/> - Exhaust
<b>Fuel</b>	<input type="checkbox"/> - Natural Gas <input type="checkbox"/> - Wood <input type="checkbox"/> - Electric <input type="checkbox"/> - Fuel Oil <input type="checkbox"/> - Propane <input type="checkbox"/> - Solar
<b>Office Use Required Inspections/Tests</b>	<input type="checkbox"/> - Rough In (Ductwork) <input type="checkbox"/> - Gas Line Test (24Hr.) <input type="checkbox"/> - Final <input type="checkbox"/> - ORSAT <input type="checkbox"/> - Other _____

(Over)

**System Description**

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
System Type	_____	_____	_____	_____
Quantity	_____	_____	_____	_____
Make	_____	_____	_____	_____
Model	_____	_____	_____	_____
Fuel	_____	_____	_____	_____
Flue Size	_____	_____	_____	_____
Output	_____	_____	_____	_____
CFM Total	_____	_____	_____	_____
CFM Outside	_____	_____	_____	_____
Tons	_____	_____	_____	_____
Horsepower	_____	_____	_____	_____

**Estimated Value of Work \$** \_\_\_\_\_ **(Non-residential only)**

<b>Residential:</b>	New Construction	\$86.00 (\$86.00 +1.00 s/c)	<b>Commercial:</b>	1.25% of contract cost + surcharge
	Repair/Replace	\$56.00 (\$55.00 +1.00 s/c)		(Contract valuation x .0005)
				Minimum of \$101.00 (\$100.00 +1.00 s/c)

**This permit shall be null and void if authorized work is not started within 180 days or if work is suspended or abandoned for 180 days or more after work is started.**

The undersigned hereby represents upon all of the penalties of the law, for the purpose of including the City of Farmington to take the action herein requested, that all statements are true, and that all work herein will be done in accordance with the ordinances of the City of Farmington and the State of Minnesota.

\_\_\_\_\_/\_\_\_\_\_  
Applicant's Signature/Date