



Community Development Department
 1200 L.W. Besinger Drive - Room 214
 Carpentersville, IL 60110
 Hours: M-F 8:30 AM – 5:00 PM
 Phone (847) 551-3478
 Fax (847) 426-0864
<http://vil.carpentersville.il.us>

Water Heater Replacement

ADDRESS:	Date Received:
Applicant Name:	Check in by:
Applicant Daytime Phone:	Date Returned to Applicant:
Applicant Email Address:	

I understand that any missing or incomplete items or failure to clearly describe the proposed scope of work will cause this plan review to be delayed until the submittal is complete and/or the work is correctly described. Upon submittal of the remaining items, I understand that the plans are still subject to review by the Village and that corrective measures and/or additional information may be required.

 Applicant Signature

 Date

Submittal Checklist, minimum requirements:

OK	N/A	Item Description
<input type="checkbox"/>	<input type="checkbox"/>	Homeowners Association approval letter, if required
<input type="checkbox"/>	<input type="checkbox"/>	Completed plumbing permit application
<input type="checkbox"/>	<input type="checkbox"/>	Detailed scope of work and equipment data
Comments / Other Submittals Required:		

Minimum Requirements:

1. Plumbers must be registered with the Village and submit a copy of their current State of Illinois Plumber's License and a letter of intent.
2. Water Heaters must be installed in accordance with the manufacturer's installation instructions.
3. Proper clearance, as specified by the manufacturer, must be provided between the water heater and combustible material.

4. A full port shut-off valve must be located on the cold water side of the tank..
5. Water connections, to the water heater, must be made with dielectric unions if dissimilar metals are used.
6. All soldering must be lead free.
7. All copper piping shall be type "L" rigid pipe. Flexible connectors are not allowed.
8. A relief valve and its discharge piping shall be of full size and extend to within 6" above floor and discharge to a floor drain. **Water heaters, when located on top of a drain pan, shall have the temperature and pressure relief valve piped directly to a floor drain.**
9. All flue connectors shall have 3 sheet metal screws at each seam. The draft diverter shall also be screwed down. The installer shall verify that the existing venting system is in good and safe condition.
10. A water heater shall have an accessible drain down valve for maintenance.
11. Existing saddle or band valves used to tap into furnace humidifiers shall be replaced with an angle stop valve with compression fittings upon water heater replacement.
12. An electric water heater shall conform to the appropriate electrical codes.
13. Installer shall conduct a safety check and verify proper operation of the water heater and its components at start up.
14. The water heater shall be installed in accordance with the Illinois State Plumbing Code, the International Mechanical Code and Village requirements.
15. Permit fees: \$25, payable at time of permit issuance.
16. **Please note that there is a \$50 fee for re-inspections.**

Minimum Required Inspections:

Final inspection is required when all work is completed.

Schedule Inspections With:

Community Development Department

Helpful Contact Information:

Nicor (800) 730-6114

Community Development (847) 551- 3478

Click on our Village website page at:

<http://vil.carpentersville.il.us/building.htm> for more information.