

**INSPECTIONAL SERVICES**  
CALUMET CITY, ILLINOIS  
**Application for HVAC Permit**

FEES \$ \_\_\_\_\_ PERMIT NO. \_\_\_\_\_

Date of Application \_\_\_\_\_

\_\_\_\_\_  
HVAC Inspector Approval Date

\_\_\_\_\_  
Building Commissioner Approval Date

Application is hereby made for permission to do HVAC work as follows:

PROPERTY OWNER: \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

ADDRESS: \_\_\_\_\_ Calumet City, Illinois 60409.

**DESCRIPTION OF WORK**

FURNACE # \_\_\_\_\_ BTU'S

A/C # \_\_\_\_\_ TONS \$ 5.00 PER TON

FUEL TANK REMOVAL

COMMERCIAL HVAC  
CONTRACT COST \$ \_\_\_\_\_  
1% OF COST UP TO \$100M

**MINIMUM FEES FOR ALL PERMITS \$25.00**

Work Description \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

**HVAC REQUIREMENTS**

MECHANICAL ROOM

Combustion air for furnace- Working smoke and carbon monoxide detectors- Working light in room, crawl or attic- Walking platform in attic

BOILERS

Back flow at water supply for boiler- Electric shut off switch with outlet for trouble light- 90% boiler both supply and exhaust PVC piped to outside unless installed in unconditional space- L copper pipe for piping- Breaker sized for unit installed

FURNACE

Electric shut- off switch and outlet for trouble light- Circuit breaker 15 amp with 14 gage wire- 80% furnace requires reduction in chimney flue diameter, 5" or 6" chimney liner required with cap or a diluter if chimney liner won't fit. 90% furnace- install PVC pipe for flue and air intake to the outside only is hot water tank sumps into chimney, flue needs reduction in chimney diameter, 4' chimney liner required with cap. Gas line union and shut off valve placed outside of box- Y's in flues, not T's.

DUCTS

If installing ductwork include drawing showing supplies by the window and return off set- Supplies in ceiling return at floor- Supplies in floor return at ceiling- R6 insulation for return ducts in unconditional spaces- R8 insulation for supply ducts in unconditional spaces.

A/C SYSTEMS

Outside requires disconnect at condenser- Place condenser in back yard as per City of Calumet City Ordinance Older condensers, attic air handlers and new high efficiency condensers breaker size according to specification plate on unit (basement A- coil drain lines into trap (laundry tub) not sump pit- Attic air handlers to have two drain pans, one under unit plus the A- coil drain pan tied into one drain line.

Business

The units are placed on the roof with the GFI outlet- must have fresh air supply to mix- for CMF air change- Concrete or steel roof - if wood roof will need house type furnace with fresh air supply to mix for CFM air change

If not sure, please call BEFORE installation