

RadonAway™

Sub-Slab Radon Mitigation System Schematic

Outdoor Installation



Applicability:

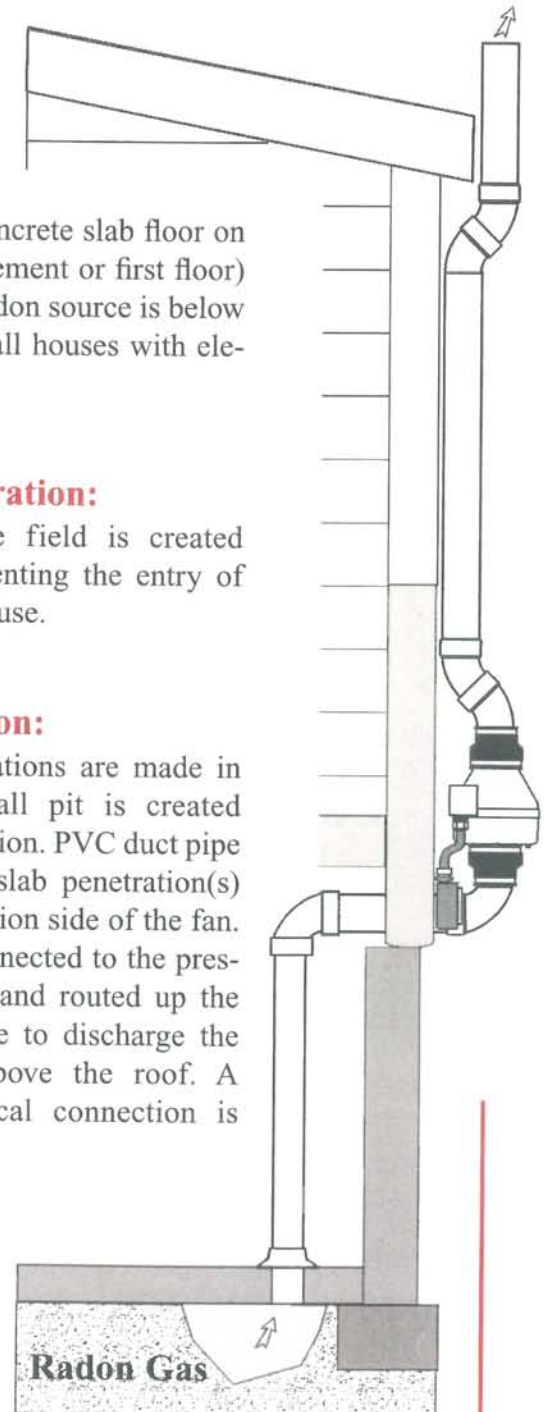
Any house with a concrete slab floor on the lowest level (basement or first floor) where the primary radon source is below the house (virtually all houses with elevated radon level).

Principle of Operation:

A negative pressure field is created below the slab preventing the entry of radon gas into the house.

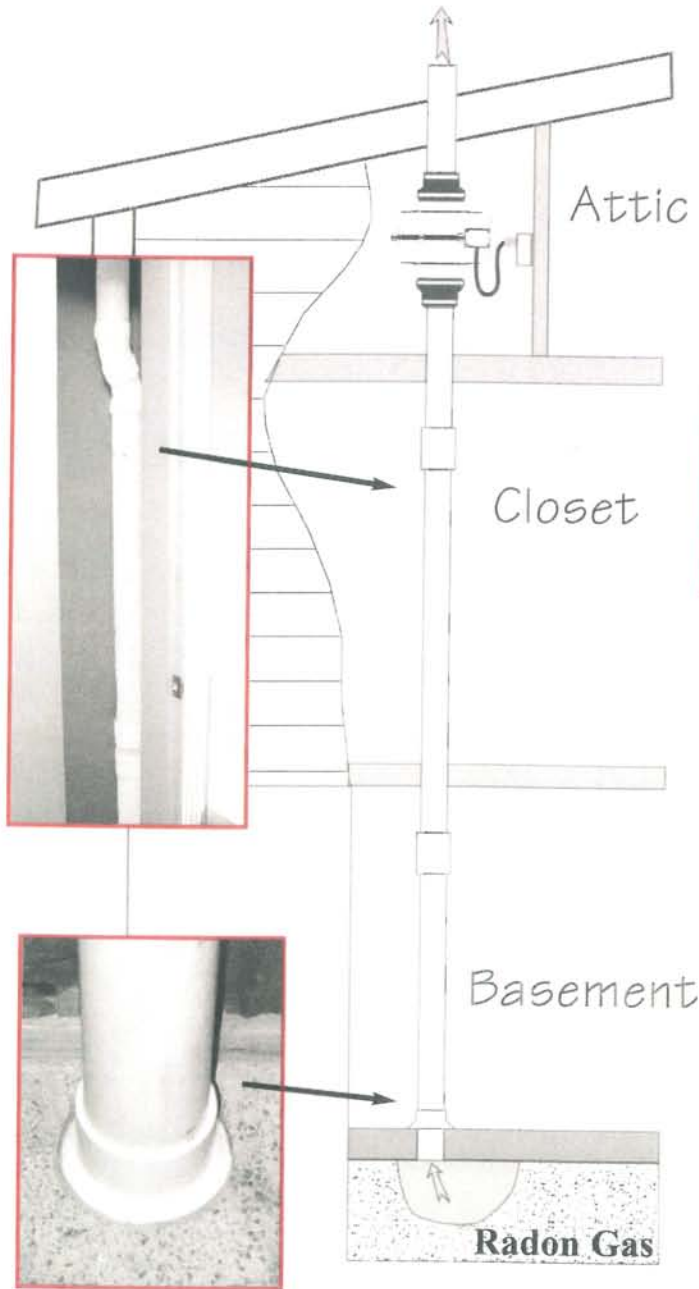
System Description:

One or more penetrations are made in the slab and a small pit is created beneath each penetration. PVC duct pipe is connected to the slab penetration(s) and routed to the suction side of the fan. PVC pipe is then connected to the pressure side of the fan and routed up the sidewall of the house to discharge the radon gas safely above the roof. A weatherproof electrical connection is provided for the fan.



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Indoor Installation

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System Description:

One or more penetrations are made in the slab and a small pit is created beneath each penetration. PVC duct pipe is connected to the slab penetration(s) and routed unobtrusively (through closets, plumbing chases or other unexposed areas) to the suction side of the fan. PVC pipe is then connected to the pressure side of the fan and routed through the roof using a standard roof flange and waterproof sealants. The radon gas is discharged safely above the roof. The PVC vent pipe protrudes slightly above the roof and has the same appearance as a standard plumbing vent pipe.

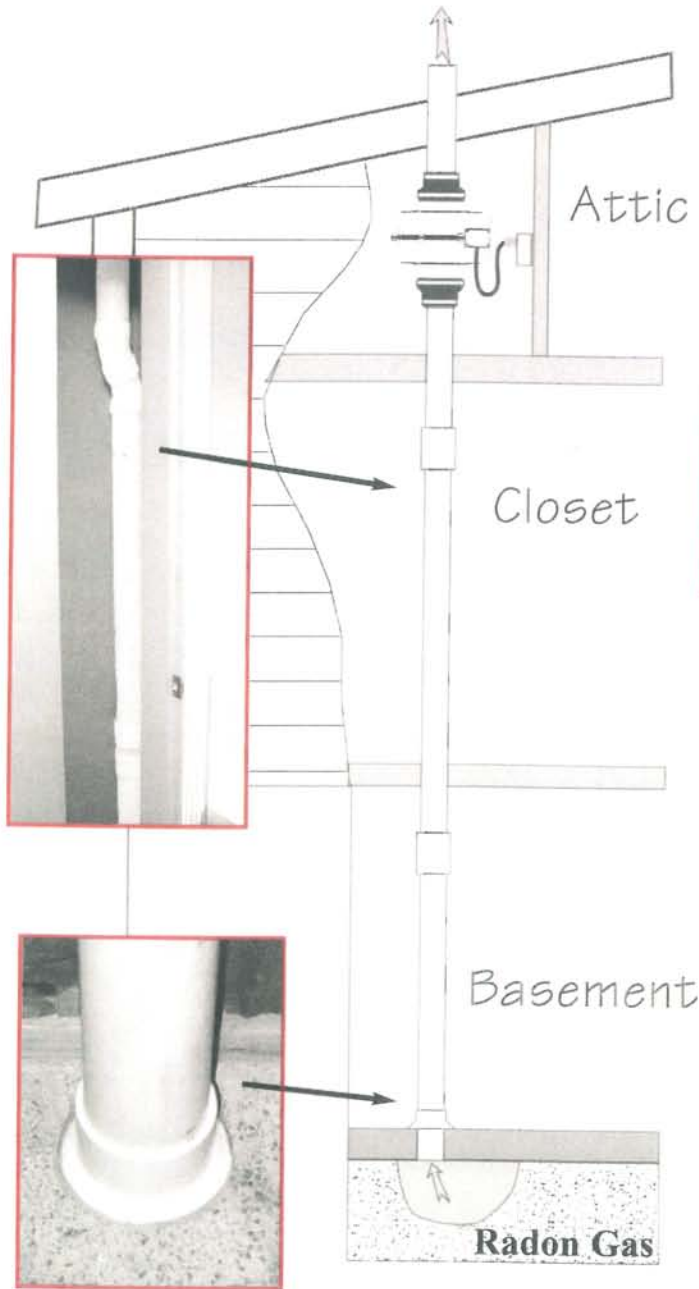
For Further Information Contact:



building inspection service inc.
261 Bloomfield Avenue, Suite F, Verona, NJ 07044 • 973-857-4220

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Indoor Installation

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