

1303.2403 REQUIREMENTS FOR ACTIVE RADON CONTROL SYSTEMS.

When an active radon control system is installed, all the requirements for the passive radon control system in parts 1303.2400 to 1303.2402 shall be met. In addition, an active radon control system shall incorporate items A to C in this part.

A. Radon gas vent pipe fan. A radon gas vent pipe fan manufactured for radon control systems and rated for continuous operation that provides a minimum measurement of 50 cubic feet per minute at 1/2-inch water column shall be installed in the vertical vent pipe. The fan shall be attached to a radon gas vent pipe that connects the air below the soil-gas membrane with outdoor air and relies on the fan to provide upward air flow in the vent pipe. The radon gas vent pipe fan shall be installed outdoors, in attics, or in garages. The radon gas vent pipe fan shall not be installed in conditioned spaces of a building, basement, or crawl space. The radon gas vent pipe fan shall not be located where it positively pressurizes any portion of the vent pipe that is located inside conditioned space.

B. System monitoring device. An audible alarm, a manometer, or other similar device shall be installed to indicate when the fan is not operating.

C. Luminaire and receptacle outlet. A switch-controlled luminaire and the receptacle outlet near the fan shall be installed according to the Minnesota Electrical Code. The requirements of the International Mechanical Code, section 306, do not apply.

Statutory Authority: *MS s 326B.02; 326B.101; 326B.106*

History: *39 SR 232*

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