

1.1 **Department of Labor and Industry**

1.2 **Adopted Permanent Rules Adopting Changes to the 2012 International Energy**
1.3 **Conservation Code Residential Provisions**

1.4 **1322.0403 SECTION R403, SYSTEMS.**

1.5 Subpart 1. **Section R403.2.1.** IECC section R403.2.1, Insulation (prescriptive), is
1.6 deleted in its entirety and replaced with the following:

1.7 **R403.2.1 Insulation (prescriptive).** All outdoor air intakes, exhaust, supply, and
1.8 return air ducts and plenums shall be insulated according to Table R403.2.1.

1.9 For the purposes of Table R403.2.1, the following applies:

1.10 a. Insulation is only required in the conditioned space for a distance of 3 feet
1.11 (914 mm) from the exterior or unconditioned space.

1.12 b. V means the vapor retarder required in accordance with IMC section
1.13 604.11. When a vapor retarder is required, duct insulation required by
1.14 this section shall be installed without respect to other building envelope
1.15 insulation.

1.16 c. W means an approved weatherproof barrier.

1.17 **TABLE R403.2.1 MINIMUM REQUIRED DUCT AND PLENUM INSULATION**
1.18 **FOR DWELLING UNITS**

1.19 Duct Type/Location	1.19 Requirements
1.20 Exterior of building	R-8, V, and W
1.21 Attics, garages, and ventilated crawl spaces	R-8 and V
1.22 Outdoor air intakes within conditioned spaces	R-3.3 and V
1.23 Exhaust ducts within conditioned spaces	R-3.3 and V
1.24 Within concrete slab or within ground	R-3.5 and V
1.25 Within conditioned spaces and in basements with insulated 1.26 walls	None required

1.27 [For text of subps 2 and 3, see 39 SR 232, August 18, 2014]

- 2.1 **EFFECTIVE DATE.** The amendments to Minnesota Rules, part 1322.0403, are effective
2.2 February 14, 2015, or five days after publication of the amendments' notice of adoption
2.3 in the State Register, whichever is later.