

Residential Gas Dryer Inspection Checklist

2020 MN Mechanical Code (MC), Fuel Gas Code (FGC), Energy Code (EC)

1. Installed according to manufacturer's installation requirements (MIR), MC 304.1 + 504.8.2.
2. Dryers exhausting more than 200cfm shall be provided with makeup air, MC 504.6.
3. Gas line air test is required for new piping, FGC 406.1, 25 psi for 10 minutes, 406.4.1+2.
4. Gas leak check of connections is required on new systems or after interruption of service to existing systems, MC 406.6.3 with gas detector, manometer or noncorrosive fluid, FGC 406.5.1.
5. The bottom of vent terminations shall be at least 12" above finished grade, MC 804.3.4.
6. Steel piping supported every 6 feet minimum for ½ inch pipe, FGC Table 415.1.
7. Copper tubing supported every 4 feet minimum for ½ inch pipe, FGC Table 415.1.
8. CSST piping systems shall be installed according to manufacture requirements, FGC 404.2.
9. Sediment trap, of any length, downstream of the shutoff valve, at 90-degree angle, FGC 408.4.
10. Shut-off valve located in same room within 6 feet of appliance ahead of union, FGC 409.5.1.
11. Union (quick disconnect) in correct location downstream from shut-off valve, FGC 409.5.1.
12. Access and service space with unobstructed path large enough to remove appliance MC 306.2.
13. Exhaust duct requirements:
 - a. Min size 4" diameter metal with smooth interior finish, MC 504.8.1.
 - b. Max duct length determined by manufacture installation instructions, MC 504.8.4.2.
 - c. Penetration at exterior wall must be sealed, MC 504.2.
 - d. Shall not penetrate into or through ducts or plenums, MC 504.4.
 - e. Shall not be connected to a vent connector, vent or chimney, MC 504.4.
 - f. Outlet at exterior wall has back-draft damper, MC 504.4.
 - g. Insulated to R3.3 with vapor retarder 3' from exterior wall, EC R403.2.1.
 - h. Male ends must be inserted in the direction of flow and cannot be assembled with screws or other fasteners that penetrate into the duct more than 1/8-inch, MC 504.8.2.
 - i. Supported at 4' intervals and secured in place, MC 504.8.2.
 - j. Transition ducts used to connect the dryer to the exhaust duct system shall be UL listed 2158A, shall not exceed 8' in length and shall not be concealed, MC 504.8.3.
 - k. Each vertical riser shall be provided with a means for cleanout, MC 504.3.

Note: This is a guide only. Refer to cited references and MIR for additional information.