



State of Ohio
Weatherization Program
Standards

Section	MOBILE HOME MECHANICAL SYSTEMS INSTALLATION
Subject	Other Combustion Appliances

FUEL SUPPLY 701-3.1

Repair all gas leaks in combustion appliances and in the pipes leading to them. Replace all illegal or defective flexible range connectors.

gas leaks
701-3.1a

Replace shut-off valves to cookstove(s) and other combustion appliances if they are faulty.

gas shut-off
701-3.1b

OVEN VENT 701-3.2

If the oven is vented to the outside, repair or replace the vent pipe and fixtures if needed.

vent to outside
701-3.2a

GAS COOK STOVE EXHAUST FAN 701-3.3

If there is an existing exhaust fan that is vented to the outside, and it is inoperable or incorrectly installed, repair or replace it.

exhaust fan, vented to outside
701-3.3a

CARBON MONOXIDE ACTION LEVELS 701-3.4

Clean and adjust or replace each burner that has a CO level higher than 25 ppm (see section 1506-2).

stove top burners
701-3.4a

The oven test is not necessary if the oven is vented to the outside.

oven vented to outside
701-3.4b

If the oven/broiler is producing 25 ppm or more CO in the ambient air, or 100 ppm or above in the vent (that is not vented to the outside), clean and adjust the oven burners to reduce the CO below these levels (see section 1506-2).

oven/broiler testing
701-3.4c

If the CO output from the oven cannot be reduced to acceptable levels, testing of all other combustion appliances may continue.

continue testing
701-3.4d

No weatherization work may be started until the problem is corrected.



cook stove ventilation
701-3.4e

CEE

If repeated attempts prove unsuccessful in reducing the CO levels to those specified above, install a properly sized and rated ventilation system to exhaust the CO. Educate the resident on the proper use of the ventilation system.

CLOTHES DRYERS (ALL ENERGY SOURCES) 701-3.5

vent to outside
701-3.5a

All clothes dryers shall be vented outside to daylight.

horizontal vent slope
701-3.5b

All clothes dryers that are vented horizontally under a mobile home shall have 1/8" per foot downward slope toward the termination hood.

dryer vent duct material (rigid-metal)
701-3.5c

Dryer vent ducts for clothes dryers must be smooth surfaced, rigid duct, are not to be insulated, is a minimum of 30 gauge galvanized steel or aluminum, and is equipped with a backdraft damper. Run duct with joints in the direction of the airflow. Do not fasten duct with screws or other fasteners that extend into the duct.

dryer vent duct material (flexible-metal)
701-3.5d

Vent clothes dryer with a flexible-metal duct that is approved for use with the applicable energy source. Install it in a manner that minimizes overall length, and is sufficiently supported to eliminate sagging.

dryer vent duct sizing (rigid-metal)
701-3.5e

If the diameter of the dryer vent duct is not at least the diameter of the appliance outlet, install one that is at least the diameter of the appliance outlet. Determine the length of a 4-inch diameter dryer vent duct. The maximum length shall not exceed 25 feet from the clothes dryer outlet to the termination point (a reduction in maximum length of 2.5 feet for every 45-degree bend and 5 feet for every 90-degree bend shall apply).