

 <p style="text-align: center;">State of Ohio Weatherization Program Standards</p>	Section	MOBILE HOME MECHANICAL SYSTEMS INSPECTION
	Subject	Heat Distribution System

FORCED AIR DISTRIBUTION SYSTEM 601-5.1

Inspect the blower motor, belt, and fan. Determine if they are clean and operating properly.

**fan operation/
condition** 601-5.1a

Determine whether the fan is activated properly by the fan control.

fan control
601-5.1b

Record the locations of the registers in each room. Note any blocked or covered registers and have them unblocked. Explain to the customer why this is important.

**register locations
and blockage**
601-5.1c

CEE

Test for duct leakage (see section 1506-5.6) using only the taped duct test. Enter the results in the MHEA under *post duct sealing cfm* (if applicable).

duct leakage test
601-5.1d

Inspect the furnace closet door to determine whether enough louvered opening is present to allow sufficient return air to the furnace. If the mobile home has floor returns, call for the sealing of these returns, and have all return air routed through the furnace closet door (see 1506-7.2). Specify sealing of the return air opening in the floor of the furnace compartment (it may be located behind the furnace, out of view). *Note: Make sure that it is an opening for return air, not for combustion air.* Combustion air openings, if present, must be kept open unless the combustion air is supplied through the roof jack.

return air
601-5.1e

Inspect the supply duct system. Note and record any obstructions, openings, or missing end caps, and any loose, unsealed, rusted through, or punctured ducts. Note and record any registers that are crushed and need to be replaced.

supply ducts
601-5.1f

Note the size of the furnace filter and whether it is dirty. If practical, show the customer how to change the filter.

furnace filter
601-5.1g

CEE

Note the customer's door closing habits. Educate the customer about the importance of having an uninterrupted air flow from the supply registers to the return.

door closing
601-5.1h

CEE

ELECTRIC BASEBOARD DISTRIBUTION SYSTEM 601-5.2

heat transfer fins
601-5.2a

CEE

Note and record the location of electric baseboard heaters. Inspect the heat transfer fins, noting their condition and the presence of dirt, bends or kinks. Discuss with the customer the importance of keeping the fins clean and that the heaters should not be blocked with furniture or other objects.