



State of Ohio
Weatherization Program
Standards

Section	MOBILE HOME MECHANICAL SYSTEMS FINAL INSPECTION
Subject	Electric Heat Pump/ Central Air Systems

OPERATIONAL UNITS 801-2.1

Ensure that heat pump, when it is the primary heating unit, is properly operational.

operational units
801-2.1a

Do not test a heat pump when the exterior air temperature is above 70°F.

heat pump test
801-2.1b

Do not test a central air conditioning unit when the exterior air temperature is below 70°F.

central air conditioner test
801-2.1c

THERMAL FLUID LEAKAGE 801-2.2

Ensure that any thermal fluid or refrigerant leaks have been corrected by an EPA-certified technician.

thermal fluid leakage
801-2.2a

ELECTRICAL POWER SUPPLY 801-2.3

Ensure that the main power supply to the mobile home is safe according to the NEC.

main power safety
801-2.3a

Ensure that the heat pump/AC unit has a dedicated circuit that is properly sized and fused.

dedicated circuit
801-2.3b

Ensure that there is an operating disconnect switch present on an outdoor unit.

disconnect switch
801-2.3c

Ensure that wiring at or in the heat pump/AC unit is not charred, frayed, missing, insulation or has loose or improper connections.

safe wiring
801-2.3d

UNIT CLEARANCES 801-2.4

Ensure that the unit has clearance from combustible material that are in PMI.

unit clearances, indoors
801-2.4a

Ensure that the outdoor unit clearances are PMI. Ensure that cooling fins are clean and not obstructed.

unit clearances, outdoors
801-2.4b

BACK UP SYSTEM INSPECTION 801-2.5

**back up
system**
801-2.5a

Ensure that the back-up system meets appropriate heating unit standards (see 801-1.1).

AIR HANDLER 801-2.6

condensate drainage
801-2.6a

Ensure that condensate is draining properly and that there is no puddling or residue present.

a-coil
801-2.6b

Ensure that the A-coil is clean and functional. Ensure that any cracks or holes have been corrected by an EPA-certified technician.

**unobstructed air
flow**
801-2.6c

Ensure that air flow is not obstructed.

**temperature rise/
drop**
801-2.6d

Ensure that temperature rise or temperature drop of the heat pump/AC unit is within manufacturer's specifications.

CONTROLS 801-2.7

**fan-on, fan-off
switches**
801-2.7a

Ensure that the fan-on and fan-off switches are functioning correctly.

thermostat
801-2.7b

Ensure that the thermostat functions correctly.