

 <p style="text-align: center;">State of Ohio Weatherization Program Standards</p>	Section	MECHANICAL SYSTEMS FINAL INSPECTION
	Subject	Electric Heat Pump/ Central Air Conditioning

OPERATIONAL UNITS 401-2.1

Ensure that heat pumps which are primary heating units are operational.

operational units
401-2.1a

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

heat pump test
401-2.1b

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

**central air conditioner
test**
401-2.1c

THERMAL FLUID 401-2.2

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

**thermal fluid
leakage**
401-2.2a

ELECTRICAL POWER SUPPLY 401-2.3

Ensure that the main electrical power supply to the unit is safe according to the NEC.

main power supply
401-2.3a

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

dedicated circuit
401-2.3b

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

disconnect switch
401-2.3c

Ensure that no wiring at or in the heat pump/AC unit is charred, frayed, missing insulation, or has loose or improper connections.

safe wiring
401-2.3d

UNIT CLEARANCES 401-2.4

Ensure that the unit has clearance from combustible materials that are PMI.

**unit clearances,
indoors**
401-2.4a

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

**unit clearances,
outdoors**
401-2.4b

BACK-UP SYSTEM INSPECTION 401-2.5

back-up system
401-2.5a

Ensure that the back-up systems meet the appropriate heating unit standards in 401-1.

AIR HANDLER 401-2.6

condensate drainage
401-2.6a

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

A-coil
401-2.6b

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

unobstructed air flow
401-2.6c

Ensure that air flow is not obstructed.

temperature rise/drop
401-2.6d

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

CONTROLS 401-2.7

blower controls
401-2.7a

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

thermostat
401-2.7b

Ensure that the thermostat works correctly.