READY TO INSPECT — FIELD CHECKLIST

Wall louvers and vents final inspection checklist

Wall louvers and vents final inspection is where the punch list is either short or expensive. This checklist walks the finished work the way an owner or AHJ will see it: devices on, systems running, everything labeled. Each item gets the photo that closes it instead of reopening it. Work is commonly verified against the applicable building code, SMACNA guidance, manufacturer's published instructions. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The louver installer with the GC's superintendent, walking set louvers after cladding and before turnover. When: After louvers are set and the perimeter is sealed, screens and blank-off panels are installed and the duct is connected, before turnover walks.

Set and perimeter seal

- [ ] Louver true in the opening, perimeter sealed and draining
  Frame plumb and square, even reveal to the cladding, continuous tooled perimeter seal over a backed joint with the sill weep path left open to drain.
  2 photos required
- [ ] Frame anchors at the submitted spacing into blocking
  Anchors at the spacing on the approved submittal and seated in the blocking, heads concealed or finished to match, frame not bowed by overdriving.
  1 photo required
- [ ] Frame label and blade profile match the schedule mark
  Frame label read for model, size and mark, and the blade section shows the drainable, stormproof or other profile the schedule lists, not a look-alike substitute.
  1 photo required
- [ ] Blades straight with their drain paths clear
  Blades evenly spaced and undamaged, blade gutters and jamb drains free of sealant, debris and fasteners so caught water reaches the sill and runs out.
  1 photo required

Screens and blank-off

- [ ] Bird and insect screen and blank-off panels in place
  Screen intact and fastened on the correct face, mesh matched to intake or exhaust, blank-off panel installed and sealed behind any area not connected to duct.
  2 photos required
- [ ] Screen reachable for cleaning from the side the detail shows
  The screen frame can be removed or reached through the access the details provide, not trapped behind duct, ceiling or blank-off work.
  No photo required

Duct connection

- [ ] Duct connection sealed and airflow confirmed
  Louver collar sealed to the duct with no gaps around the transition, damper if present operates, airflow at the louver confirmed in the intended direction.
  1 photo required
- [ ] Mechanical connection kept clear of blade drains and the sill
  From the louver side, the duct collar or plenum attaches to the frame without fasteners or sealant blocking blade drains, jamb drains or the pan.
  1 photo required
- [ ] Wall below each louver dry inside after rain or a wet-down
  Interior face below and beside the frame checked after the first rain or a hose wet-down, with no water at the sill, framing or duct floor.
  1 photo required

Finish and records

- [ ] Louver finish matches the approved color sample
  Frame and blade finish viewed in daylight against the approved sample, consistent across multi-section louvers and with the adjacent cladding trim.
  1 photo required
- [ ] Every scheduled louver set at its mark
  Each mark on the louver schedule accounted for at its opening, with intake and exhaust louvers where the mechanical drawings put them.
  No photo required
- [ ] Published water and airflow data on file for each model
  The manufacturer's published free area, water penetration and pressure drop data for the installed models are in the closeout set with the approved submittal.
  No photo required
- [ ] Louver finish warranty in the closeout set
  The finish warranty and any installer warranty the spec requires are submitted and name the louvers and finish actually installed.
  No photo required