READY TO INSPECT — FIELD CHECKLIST

Wall louvers and vents rough-in inspection checklist

Wall louvers and vents rough-in is the last time the work is fully visible. Once the cover inspection passes and the walls, ceilings and slabs close, every defect left behind becomes a demolition bill. This checklist walks the rough-in in the order the work goes in, with the photo each item needs before it gets buried. 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 or sheet-metal crew with the GC's superintendent, walking each opening before cladding and interior finish close the wall. When: As rough openings are framed, flashed and blocked and the duct or plenum is stubbed to the opening, before cladding on the outside and finish on the inside close the transition.

Schedule and materials

- [ ] Free area and blade type confirmed against the schedule
  Approved submittal shows the free area, drainable or stormproof blade, screen type and finish the louver schedule calls for at each mark, intake or exhaust.
  No photo required

- [ ] Sill pan and anchor metals compatible with the louver frame
  Pan, flashing and anchor materials checked against the submittal so the frame does not sit on or fasten through a dissimilar metal without the separator the maker lists.
  No photo required

Opening and blocking

- [ ] Rough opening sized square with blocking to fasten to
  Opening framed to the louver's rough dimension, square and plumb, continuous blocking or sub-frame set so the perimeter fastens to solid material.
  2 photos required

- [ ] Opening location and head height match the elevations
  Tape from the floor line or grid to the sill and head matches the elevations, and the opening lines up with the cladding coursing it has to meet.
  1 photo required

- [ ] Louver frame depth fits the wall build-up
  Frame depth on the submittal checked against sheathing, cavity and cladding at the opening so the louver sits in the plane the head and sill details draw.
  No photo required

- [ ] Opening returns wrapped with the barrier before the pan sets
  Weather barrier or membrane turned into the rough opening at the jambs and sill and lapped as the detail shows, so the pan and jamb flashing have a sealed substrate.
  1 photo required

Flashing and drainage

- [ ] Sill pan, back dam and flashing tied to the barrier
  Sloped sill pan with end dams and a back dam, head and jamb flashing lapped to the weather barrier shingle-fashion so any water that enters drains back to the exterior.
  2 photos required

- [ ] Sill pan front leg set past the planned cladding face with a drip
  Pan's outer edge carried past the planned cladding face per the detail with a hemmed drip, so water off the sill falls clear instead of running down the wall.
  1 photo required

- [ ] Pan corners hold water before the louver goes in
  Water run into the pan stays in it at the corners and end dams and drains out the front, with no seep at seams onto the framing below.
  1 photo required

Duct connection and concealment

- [ ] Duct or plenum stub aligned and documented before cover
  Duct or plenum stubbed square to the opening on center for the louver collar, connection accessible, transition documented open before cladding and finish close the wall.
  2 photos required
- [ ] Connected area and blank-off extent agreed with the mechanical trade
  Which part of the louver face is ducted and which is blanked off confirmed on the mechanical drawings with the mechanical trade before the louver is set.
  No photo required
- [ ] Plenum or duct bottom slopes back toward the louver
  Where the mechanical drawings show a plenum or duct floor behind the louver, it pitches to drain back to the sill rather than into the building.
  No photo required
- [ ] Louver set timing agreed with the cladding crew
  Whether the louver sets before or after cladding confirmed with the super so the perimeter seal, pan and head flashing laps land in the order the details show.
  No photo required