

COMPUTER SPORTS GROUP

Golf Simulator Design & Installation | computersports.com | info@computersports.com

GOLF SIMULATOR ROOM SPECIFICATIONS — BUILDER'S GUIDE

■ ROOM DIMENSIONS

- Min. ceiling height: 9'6" (10'+ recommended)
- Min. room width: 13' (15'+ recommended)
- Min. room depth: 18' (22-25' ideal for full flight simulation)
- Screen wall should be the shorter wall in rectangular rooms
- Hitting position typically 9-11' from the screen

■ ELECTRICAL REQUIREMENTS

- Minimum 3 dedicated 20A / 120V circuits
- One circuit for projector (ceiling mounted, 15-17' from the screen wall)
- One circuit for the launch monitor, ceiling mounted 7-8' from the front wall
- One circuit for PC cabinet on the right side wall, 10-13' from the screen wall @ 12" off the floor
- Ethernet drop recommended (hardwired preferred over WiFi)
- Conduit from both the projector and launch monitor positions to the computer outlet on the right wall for Cat 6 and HDMI cable

✦ HVAC & CLIMATE

- Dedicated supply and return air recommended
- Projectors and PCs generate significant heat
- Room temp should stay between 65-75°F for equipment longevity
- Consider a mini-split if HVAC zoning is limited
- Humidity control important for screen material and electronics

■ LIGHTING

- Dimmable recessed lighting (LED preferred)
- No lighting directly above or behind hitting area (causes glare)
- Separate lighting zone for hitting area vs. seating area
- Black or dark ceiling preferred to prevent reflection on screen

■ FLOORING

- Level concrete slab or engineered subfloor
- No drains or slopes in the hitting area
- Luxury vinyl plank or commercial carpet tile work well
- Hitting mat area: 5' x 15' minimum flat surface
- Avoid thick carpet padding (affects stance stability)

■ WALL & CEILING TREATMENT

- Side walls and ceiling drywall and primed
- Dark paint colors on screen wall reduce light bleed
- Acoustic treatment improves audio quality
- Crown molding/trim should account for screen frame and enclosure

■ ROUGH-IN CHECKLIST

- Ceiling height confirmed at 9ft 6in minimum
- Room dimensions confirmed at 13ft W x 18ft D minimum
- Three dedicated 20A circuits roughed in
- Ethernet drop to equipment location
- HVAC supply and return sized for room
- Projector mount location marked (ceiling, 15-17ft from screen wall)
- Lighting plan avoids screen glare
- Floor is level in hitting area

PRO TIP

Get us involved during the design phase. A 15-minute call before framing prevents costly changes later. We offer free simulator room consultations for builders.

