All powered Horizon units require the use of a “dedicated circuit”, with a non-looped isolated neutral and a non-looped isolated ground, for the power requirement. Quite simply this means that each outlet you plug a unit into should not have anything else running on that same circuit. The easiest way to verify this is to locate the main circuit breaker box, and turn off the breaker(s) one at a time. Once a breaker has been turned off, the only thing that should not have power to it is the unit itself (or multiple units for bikes / ellipticals). No lamps, vending machines, fans, sound systems, or any other item should lose power when you perform this test.

Non-looped (isolated) neutral/grounding means that each circuit must have an individual neutral/ground connection coming from it, and terminating at an approved earth ground. You cannot “jumper” a single neutral/ground from one circuit to the next. Please refer to NEC articles 210-21 and 210-23.

In addition to the dedicated circuit requirement, the proper gauge wire must be used from the circuit breaker box, to each outlet that will have a unit running off of it. If the distance from the circuit breaker box, to each outlet, is 100 ft or less, then 12 gauge wire may be used. For any distance greater than 100 ft from the circuit breaker box to the outlet, 10 gauge wire must be used.

See the diagram below for the proper outlet required to plug each power adaptor into (all current production powered machines designed for the US market require a 100-125vac, 50-60Hz, 15 amp circuit (2.5KW max).Any alterations to the standard Horizon Fitness power cords will void all warranties.

All Horizon treadmill units require the use of a 100-125vac, 50-60Hz, 15 amp “dedicated circuit” (2.5KW max), with a non-looped isolated neutral and a non-looped isolated ground. One treadmill = one circuit breaker.

I certify that I have inspected and made the appropriate changes to the groundings for the home.*

Certified Electrician

Date

*Please include your business card telephone number and company name