



System shall consist of two (2) welded steel support structures suspended independently from the ceiling. The primary, vertical structural components shall be 3" schedule 40 steel pipe extending to within approximately 4' of the finished floor with additional 1 1/2" schedule 40 pipe and 1/4" x 2" steel trussing welded to the vertical tube to add structural stability. The vertical primary tube and trussing pipe shall be welded to a horizontal 2" x 4" x 1/4" tube to form a single welded structure suitable for suspending from site specific 3" schedule 40 overhead support pipes. 1" diameter eyebolts shall allow leveling of structures at every attachment point. All hanger brackets shall be stamped and formed for maximum clamp contact surface and shall be pre-drilled for field drilling and insertion of a 1/4" diameter spring pin on each clamp to eliminate clamp movement.

Each support structure shall be locked in place when lowered to the playing position by means of a folding diagonal brace that shall be no less than 2" schedule 10 pipe. Brace shall disengage when electric winch raises the structures.

Net tensioning winch shall be mounted in a track that moves up and down allowing for infinite variable net height attachment from 72" to 99" net heights. System includes a 1 meter competition net, antennae, boundary markers and post padding system and meets appropriate rules and standards for all levels of play.

With the system completely assembled and with the net tensioned, the entire system shall be retractable to the ceiling by means of a single 1 HP electric winch with 1/4" diameter, 7000# capacity aircraft cable and 4" diameter swiveling pulley assemblies. Raising and lowering of complete system shall be accomplished by means of traditional wall mounted key switch, Goal-Tender Wireless System, Gym Command II Control System, or Gym Command 7 Control System all wired to meet local codes in accordance with manufacturer's instructions.

All steel components shall have a polyester powder coat finish. All hardware shall be zinc plated, grade 5 or better. Padding shall be available in 17 optional colors.

Order official's stand optional IPV4000JS and padding separately.



PRODUCT SPECIFICATION

IPV4000 CEILING SUSPENDED VOLLEYBALL SYSTEM

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