

DELIVERY SPECIFICATION SHEET

Evolution 500

ACCESSIBILITY REQUIREMENTS

MANUFACTURER'S RECOMMENDED ROOM SIZE = 10'W X 9'D (BED GOES ON WIDTH WALL)

MANUFACTURER'S RECOMMENDED DOOR SIZE = 36" DOOR

MANUFACTURER'S REQUIRED HALLWAY SIZE = STANDARD 48" MINIMUM

- DUE TO THE UNIT'S WEIGHT, AMERICAN SUN SYSTEMS CANNOT MOVE THIS UNIT UP ANY STAIRS. A RIGGING COMPANY NEEDS TO BE HIRED BY YOU TO GET THE UNIT UP THE STAIRS.

ELECTRICAL REQUIREMENTS

BREAKER SIZE REQUIRED = THREE PHASE 40 AMP / SINGLE PHASE 80 AMP

VOLTAGE REQUIRED = 230V (A TRANSFORMER MAY BE REQUIRED)

WIRES REQUIRED = THREE PHASE (4) WIRES (3 HOTS, 1 GROUND)

WIRES REQUIRED = SINGLE PHASE (3) WIRES (2 HOTS, 1 GROUND)

- THIS UNIT IS A HARDWIRE CONNECTION (IT DOES NOT HAVE A PLUG).
- A CERTIFIED ELECTRICIAN MUST BE PRESENT AT THE TIME OF INSTALLATION TO MAKE THE HIGH VOLTAGE CONNECTION TO THE UNIT. AMERICAN SUN SYSTEMS CANNOT AND WILL NOT PROVIDE ANY ELECTRICAL ADVISE, SUPPLIES, OR SERVICES.

HVAC REQUIREMENTS

MANUFACTURER'S RECOMMENDED HVAC = 1.8 Tons (SINGLE OR THREE PHASE)

- **PRIOR TO THE INSTALLATION YOUR ELECTRICIAN WILL NEED TO:**
 1. INSTALL THE PROPER SIZE CIRCUIT BREAKER.
 2. PULL THE PROPER SIZE AND NUMBER OF WIRES FROM THE SERVICE PANEL TO THE TANNING ROOM.
 3. CHECK LOCAL CODES FOR DISCONNECT REQUIREMENTS AND INSTALL AS NEEDED.
 4. SET A JUNCTION BOX IN THE ROOM AT A HEIGHT OF APPROXIMATELY 12 INCHES ABOVE THE FLOOR WHERE THE REAR CENTER OF THE UNIT WILL SIT.
 5. ENSURE THAT THE PROPER VOLTAGE IS PRESENT.
- **ON THE DAY OF INSTALLATION YOUR ELECTRICIAN AT A MINIMUM WILL NEED:**
 1. SIX FEET OF 3/4" FLEXIBLE CONDUIT. THE UNIT COMES WITH SIX FEET OF WIRE COMING OUT OF THE BACK OF THE UNIT THROUGH A 3/4 INCH LIQUID TIGHT CONNECTOR. THESE WIRES MUST BE SLEEVED WITH FLEX AND BROUGHT INTO THE JUNCTION BOX OR TRANSFORMER. DO NOT SHORTEN THESE WIRES, THE ADDITIONAL LENGTH IS REQUIRED IN ORDER TO MOVE THE UNIT FOR SERVICE.
 2. A 3/4" COUPLING TO ATTACH THE CONDUIT TO THE JUNCTION BOX/TRANSFORMER.
 3. WIRE NUTS AND ELECTRICAL TAPE.
 4. A COVER FOR THE JUNCTION BOX.

Any Questions Please Call 1(800) 547-9113

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