

# PENNER MFG INC. STANDARD CASCADE SPA ROUGH IN SPECIFICATIONS

- WATER SUPPLY:** 3/4" HW & CW SUPPLY LINES PREFERRED  
WITH BALL VALVES W/MALE NPT THREADS (NOT SUPPLIED)  
(36" FLEXIBLE STAINLESS STEEL BRAIDED CONNECTING LINES SUPPLIED)
- DRAIN:** DRAIN PIPE FROM FLOOR OR OPTIONAL WALL LOCATION - 2" PVC  
(P-TRAP NOT SUPPLIED)
- TUB ELECTRICAL:** TUB ELECTRICAL RATING: 120 VOLTS 7.25 AMPS  
RECOMMENDED ELECTRICAL SUPPLY: 15 AMP WITH GFCI PROTECTION  
(NUISANCE TRIPPING MAY OCCUR IF THE WIRING IS TOO LIGHT FOR THE  
DISTANCE BETWEEN THE BREAKER AND THE TUB.)

