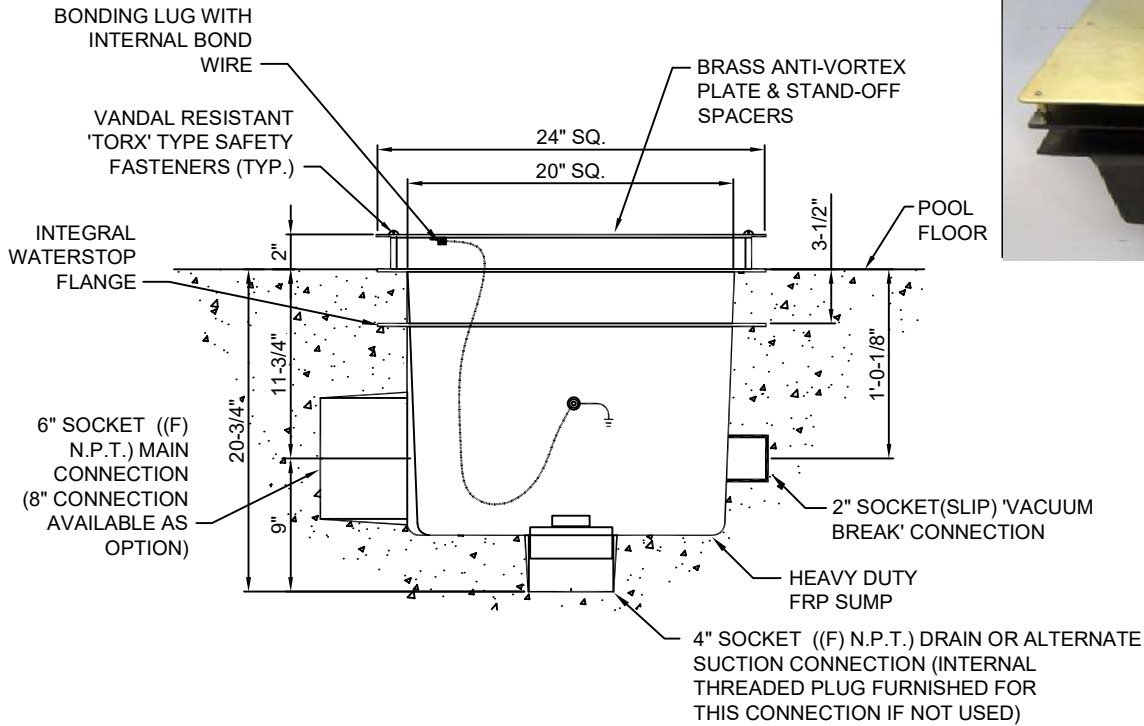




(877) 794-1802

# RAVS-2400, 24" SQ. ANTI-VORTEX PLATE & SUMP ASSEMBLY



## SAFETY NOTICE

THE ANTI-VORTEX PLATE MUST BE FIRMLY IN PLACE AND SECURELY FASTENED TO SUMP BODY AT ALL TIMES TO GUARD AGAINST THE POSSIBILITY OF SUCTION ENTRAPMENT. NEVER REMOVE PLATE UNLESS FOUNTAIN IS SHUT OFF AND COMPLETELY DRAINED.

**SPECIFICATION DATA:** 24" Square Anti-Vortex Plate and Sump Assembly; Heavy Duty FRP sump with integral waterstop flange and 6" (socket) side (8" connection available as option), 4" bottom and 2" 'vacuum break' (socket) connections. (the 4" internal connection shall be provided with a 4" threaded male plug). Solid brass 3/16" thick anti-vortex plate with brass spacers "TORX" type S.S. vandal resistant safety fasteners, and wrench.

**DESIGN/APPLICATION DATA:** Roman Fountains RAVS-2400, anti-vortex plates and sumps are designed for use in fountains and reflecting pools using remote pumping systems. Available in a range of capacities and sizes, they provide a pre-fabricated mechanism for returning water from pool to pump, eliminating vortexing (drawing air into the pump) and promoting efficient circulation.

- NOTES:**
1. If this is the primary suction source for the recirculation system, use two (2) units minimum, to lessen the risk of suction entrapment.
  2. 192 SQ. inch open area = .851 FPS suction velocity @ 400 GPM.
  3. Recommended maximum flow rate: 400 GPM @ 16" water depth.
  4. Due to continuing product improvement program, Roman Fountains reserves the right to change the specifications without notice.

DRAWING NO.  
**3.316**