

Dual Drain Design Guidelines:

1. Do not use anti-vortex covers, use only anti-entrapment covers. Anti-vortex covers present a potential hazard for hair entanglement, and the smaller open area of some anti-vortex cover designs results in higher hold down forces (>15 lbs force) should one of the dual drains be blocked by a bather.
2. Dual drains should only be constructed with sumps having 2" connections or larger. Sumps with less than 2" connections (1-1/2" or less) result in higher hold down forces (>15 lbs force) should one of the dual drains be blocked by a bather.
3. Dual drain connector piping (sump to connector tee) should be 2-1/2" diameter or larger to minimize hold down forces (<15 lbs force) should one of the dual drains be blocked by a bather.
4. Dual drain separation distances should be minimum 3 feet and should be kept less than 6 feet. Greater separation distances must be compensated for through the use of larger diameter connector piping in order to minimize hold down forces (<15 lbs force) should one of the dual drains be blocked by a bather.

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