

STRAIGHT TALK *about*

ROUND OUTLETS...

The U.S. has used rectangular downspouts with rectangular and oval outlets for eons. It wasn't until 1965 that Len Petit designed and built the first round popin outlet and punch; he started with 2 3/8" for an easy fit in 2 x 3 pipe. He was a good designer but he had a lousy patent attorney. The application was denied for "no commercial merit"; pretty soon there were a half dozen different manufacturers and round popins became the industry standard. Len decided to raise the ante and came out with the 2 3/4" round popin. Squeeze a 2 x 3 elbow the long way and it just fits. They're the best because they flow the most water and are harder to clog.

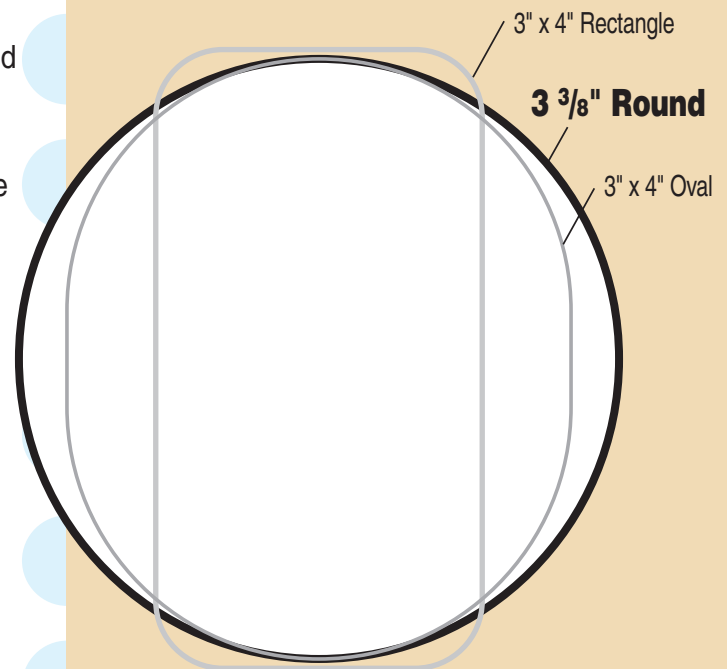
Here's the science for you technical types:

- 1.** Round flows more because there is less drag and turbulence for a given cross-sectional area
- 2.** The round shape permits precision tooling so the outlets pop in and are retained by the bumps in the outlet wall next to the top flange
- 3.** Round makes for the most efficient use of material; that's why oil drums and beer cans are round.

Flows more, installs easier, costs less;
round is an obvious winner!

But 3 x 4 downspout hasn't had a big round outlet. That's because the 3 x 4 rectangular and oval outlets will fit in a 5" gutter, but the new 3 3/8" round will only fit in a 6" gutter. We are betting that there are enough 6" Gutter Guys out there to make this a winner. So, if the outlet fits—BUY IT!

Actual Openings



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