

Installing a

rain barrel

There are many ways to make your own rain barrel or series of rain barrels. The following is just one example:

parts

A	Rain barrel*	\$30 (varies)
B	Mosquito netting	\$7 (varies)
C	Tank adapter (TXT SCH 80)	\$10 - \$65
D	Nipple (X close SCH 80)	\$.35 - \$1.50
E	Reducer (Red Bush SXT SCH 80)	\$1.25 - \$7
F	Hose bibb	\$4 (varies)
G	Overflow (Clear bulkhead fitting kit)*	\$8 - \$12
H	Overflow hose (flexible PVC)*	\$3 / ft. (varies)

* To increase the storage capacity of your system, add more barrels. Barrels can be easily linked together. If subsequent barrels are sealed, install an air vacuum relief valve (\$5 - \$10).



tools

- Drill
- Drill bits
- Drill hole circle
- Hand saw
- PVC cement
- Teflon tape

safety

- Cover the overflow hose opening and the rain barrel lid with mosquito netting to prevent mosquitoes from breeding in the rain barrel.
- Label the rain barrel with safety stickers (shown below), provided by the City at 1155 Market Street, lobby.

installation

- Cut the downspout and attach a plastic flex hose to direct water into the rain barrel.
- Drill a hole on the side of barrel with a standard twist bit for both the hose bibb and overflow.
- Use the Teflon tape to wrap once around the threads of the hose bibb, counter clock-wise.
- When threading hose bibb into reducer, DO NOT OVER TIGHTEN — this will result in stripping the threads and your barrel will leak.
- Apply PVC cement to attach overflow kit to overflow hose.
- Direct overflow hose away from the building to an appropriate area.

