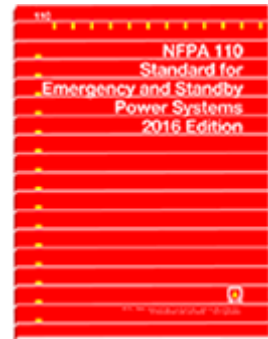


Why some generator muffler end have rain cap while others doesn't have?

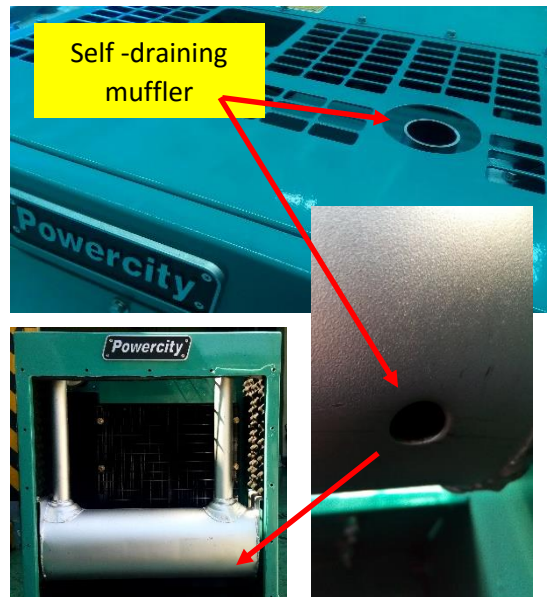
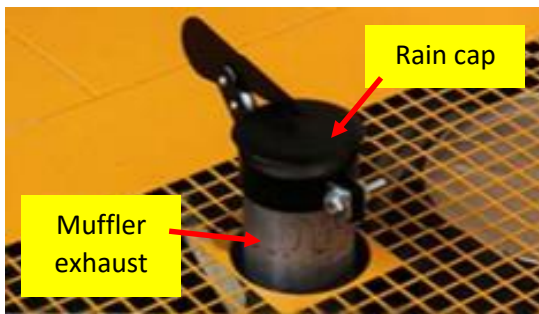
Standards in generator exhaust system doesn't restrict the design of manufacturers as long as it is safe, practical, economical and effective.

The exhaust system requirement under the National Fire Protection Association in its Paragraph 7.10.3.5 of the **NFPA 110** publication also known as **Standard for Emergency and Standby Power Systems** states that –



“For reciprocating engines, the piping shall terminate in **any** of the following:

- (1) Rain cap
- (2) Tee
- (3) Ell, pointing downwind from the prevailing wind
- (4) Vertically upward-oriented stack **with suitable provisions for trapping and draining rain** and snow water.”



While some generator set muffler end are terminated with a rain cap, using this generator outdoor would still catch rain water while in operation. Buyers of this generator must ensure that the muffler is self-draining. Muffler drain should be regularly checked during maintenance. It should be clean and free from debris to allow self-draining.