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Text of the abstract

Vaporizer device and a method of controlling a vaporizer device to prevent heating of a heater after blowing on a mouthpiece of the vaporizer device are provided. The vaporizer device includes a pressure sensor wherein a first side of the pressure sensor is exposed to a sealed air flow path and a second side of the pressure sensor is exposed to a device air path open to ambient pressure. A gasket is provided around the pressure sensor to seal the device air path from the sealed air flow path. The vaporizer device further includes a microcontroller to track a baseline based on filtering sensor readings output by the pressure sensor, holding the baseline constant while the sensor readings are above or below a threshold, comparing the sensor readings to the baseline and activating a heater in the vaporizer device when the sensor readings are below the baseline by more than the threshold.