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(54) Title: SYSTEMS AND METHODS FOR GENERATING LABORATORY WATER AND DISTRIBUTING LABORATORY WATER AT DIFFERENT TEMPERATURES

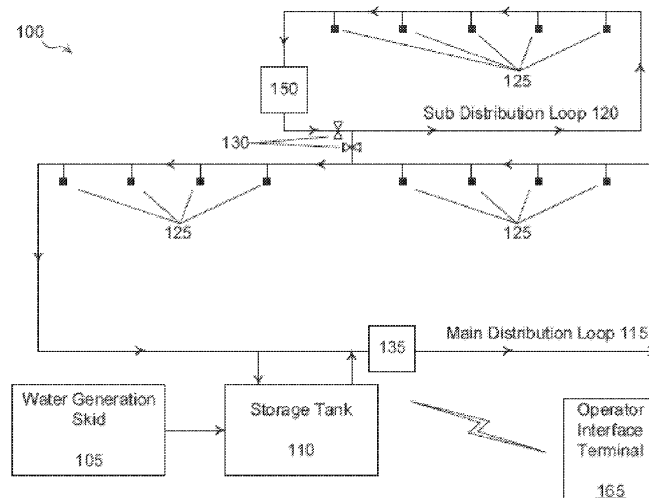


FIG. 1A

(57) Abstract: A laboratory water generation and distribution system capable of distributing laboratory water at different temperatures is disclosed. A laboratory water generation section is configured to receive potable water and treat the potable water to generate laboratory water. A laboratory water distribution section comprises a laboratory water storage tank and a main distribution loop fluidly communicating with the laboratory water storage tank to receive the laboratory water therefrom. The laboratory water distribution section further comprises a sub distribution loop operatively connected to the main distribution loop via a valve to receive the laboratory water therefrom. The sub distribution loop returns to the main distribution loop and dispenses the laboratory water to the main distribution loop.

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