Air flow switch protects preheater from overheating.

Dangerous overheating would occur in this gas-fueled air preheater if the blower fails or the air flow is obstructed. To protect against this condition, a Dwyer® Model 530 air flow switch wired to the gas supply solenoid valve will close the valve if the air flow fails. A normally closed solenoid valve is specified to provide for fail-safe operation of this protective system. Where hazardous ambient conditions exist, a W.E. Anderson® Model V4 Flotect® explosion-proof flow switch can also be used. In addition, a Mercoid® Model M-51 temperature switch can be used to monitor preheater temperature.

Flotect® flow switch shuts down pump when flow stops.

When the liquid in this supply tank is exhausted, the W.E. Anderson® V6 Flotect® switch senses the loss of flow and stops the pump motor, preventing pump cavitation and saving energy.

Use of this emergency industrial shower actuates Flotect® flow switch which sounds alarm to bring help.

In this emergency industrial shower, a V4 Flotect® flow switch has been mounted in the water supply pipe. It will activate either an audible or visual alarm (or both) to summon help when the shower is used by an employee who has been accidentally contaminated by hazardous material.

Flotect® flow switch protects aircraft de-icing equipment.

This aircraft de-icer saves time and heating fuel by heating only the fluid dispensed, not the entire tank. With the de-icing fluid heated by three large heat exchangers operating in parallel, de-icing can begin within 90 seconds regardless of ambient temperature. Three Anderson Model V6 flow switches are used to sense adequate flow of de-icing fluid through the heat exchanger, one switch on each exchanger. Should fluid flow be interrupted or drop below a safe level, the burner for the affected heat exchanger will shut down. The V6 flow switch is well suited to this application because of its reliability and inherently weather-proof design.