

## New CK-20FG & CK-20FV Control Kits

### Field Controls introduces two new control kits for power venting Flammable Vapor Ignition Resistant (FVIR) Water Heaters.

The CK-20FV is a direct replacement for the CK-20F control kit used on standard residential water heaters. The new CK-20FV uses a right-handed thermal couple adapter (TCA-1) common for most water heaters that incorporate the flame vapor system.

The CK-20FG uses a left-handed thermal couple adapter (TCA-2) for use with American Water Heater Designs' Flame Guard® Units.

Both of these kits are designed for use with the SWG Series Power Venters for controlling a 30-millivolt residential water heater with a pressure port tap on the gas valve. The kits can also be used with the PVG Series Power Venter, DI Series Draft Inducers, and the CAS Combustion Air Systems.

These control kits now incorporate a specially designed pressure switch. This new pressure switch methodology does not require the switch to vent into the appliance's combustion chamber and therefore complies with the current ANSI Z21.18/CSA 6.3-2000 standard for gas regulators.

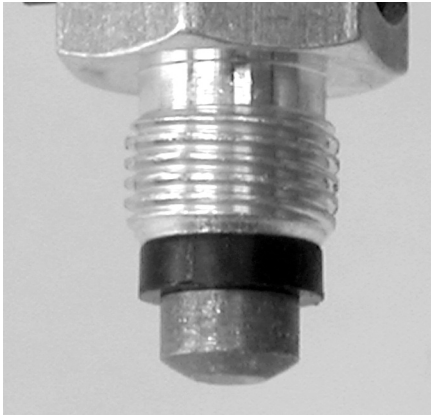


CK-20FV/FG Control Kit

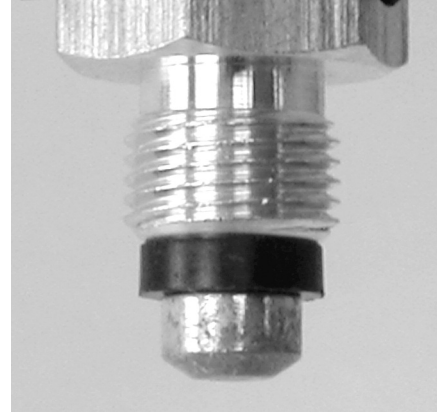


SWG Power Venter

The differences in the two models are in the threading of the thermal couple adapter shown below.



CK-20FG left-hand adapter



CK-20FV right-hand adapter

The **CK-20FG** incorporates a left-hand threaded thermal couple adapter for use on American Water Heater Designs' Flame Guard Units.

The **CK-20FV** incorporates a right-hand threaded thermal couple adapter that is used on all other models. The CK-20FV replaces the CK-20F.

#### What is ANSI Z21.18/CSA 6.3-2000?

The section of the standard applicable to vent limiters is paragraph 1.8.4, which specifies that the flow rate through a vent limiter shall not exceed the values given in Table VI of the standard. Table VI allows flow rates of: Natural Gas-2.5 cubic feet per hour and LP Gas-1.0 cubic feet per hour.



**FIELD CONTROLS**

2630 Airport Road • Kinston, NC 28504  
Phone: 252.522.3031 • Fax: 252.522.0214  
[www.fieldcontrols.com](http://www.fieldcontrols.com)