

Gaining Efficiency by Conversion From Standing Pilot to Electronic Ignition

Many modern commercial appliances come equipped with standing pilot flames. These small flames are on every moment of the year yet they only serve a practical purpose for a second or two every time the main burner lights off. Standing pilots are rated as using 3 to 5 % of an appliance's total input. For all intents and purposes that amounts to 3 to 5% of your annual heating bill being used for little practical reason.

A means to avoid this expense is the conversion of the standing pilot to an electronic pilot. The conversion kit provides a replacement gas valve, some cables, an electronic ignition module and a conversion for the existing pilot burner. The work takes about two hours to complete and is serviceable by most competent gas fitters. There is an upper limit in appliance input as allowed by the capacity of the gas valve as provided in the Honeywell conversion kit but most commercial appliances could be serviced this way. One other advantage is that the ignition control module features a socket for the use of an automatic vent damper, another heat loss control device.