

RF000130 Installation Instructions

RF000129 Ignition Control Kit

Description

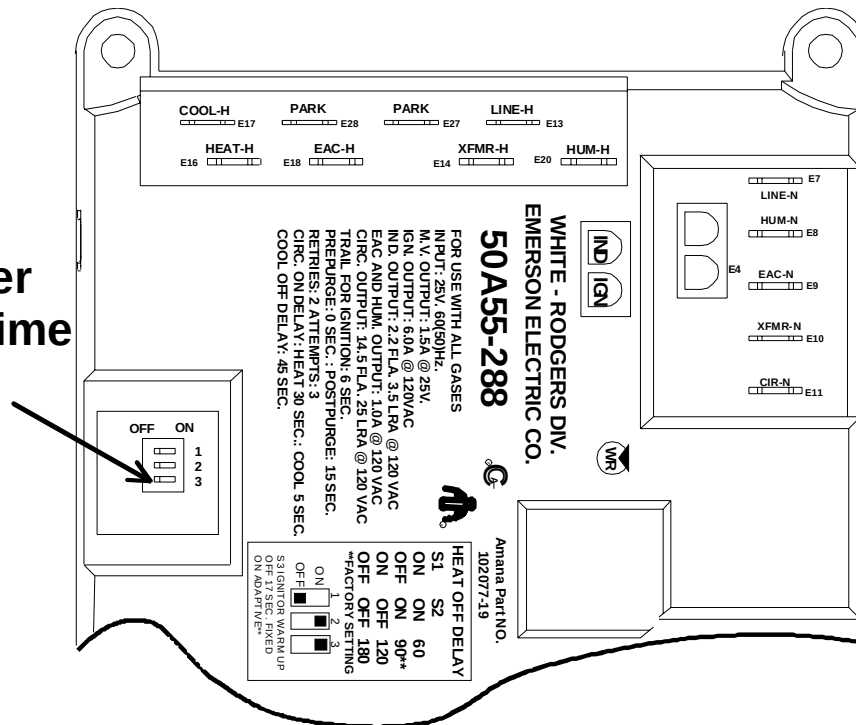
This kit contains the new White-Rodgers 50A55 integrated ignition control (Amana Part # 10207719) and instructions for setting the *DIP Selector Switch #3* to the proper igniter warm up routine for the furnace. Also included in the kit is Service Label (Amana Part # 20308501), that must be used when replacing any White-Rodgers 50A50 ignition control. This label contains Diagnostic LED information for the new 50A55 ignition control that is not found on the control itself due to its small size.

When replacing the 50A50 ignition control with the new 50A55 ignition control contained in kit RF000129 on any 48" 80% or 90% furnace that has a Norton Silicon Carbide Igniter model 271A or 271N, it will be necessary to set *DIP Selector Switch #3* on the control to the "**OFF**" position to allow for the fixed 17-second igniter warm-up routine.

If the new 50A55 ignition control is being used to replace an existing 50A55 ignition control on either a 40" 80% or 90% furnace which has a Norton Silicon Carbide Igniter model 271A or 271N or Norton Mini Igniter model 601T or 601TB, the *DIP Selector Switch #3* will need to be set to the "**ON**" position to allow for the adaptive igniter warm up routine.

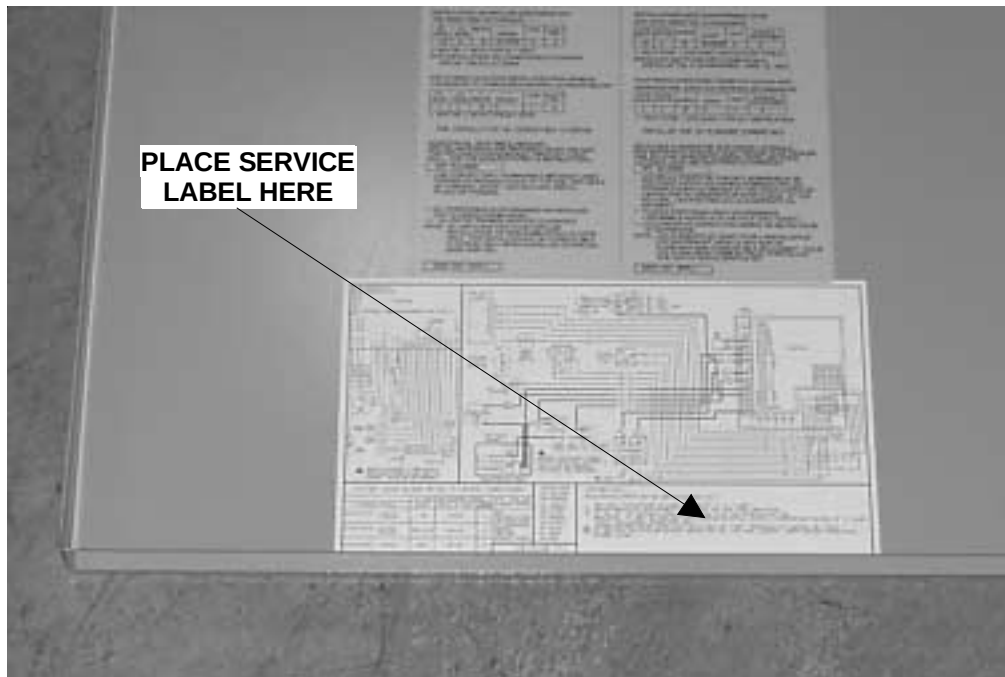
Note: The *DIP Selector Switch #3* comes from the factory set in the "**ON**" position which enables the adaptive igniter warm up routine that has an igniter warm-up time between a 5-second minimum and 17-second maximum. This switch must be set to the "**OFF**" position enabling a fixed 17-second igniter warm up routine when used with any 48" 90% furnace. The following figure shows the location of *DIP Selector Switch #3* on the new 50A55 ignition control.

#3 for Igniter Warm-up Time Selection



Important Note: The *DIP Selector Switch #3* comes from the factory set in the "**ON**" position which enables the adaptive igniter warm up routine that has an igniter warm-up time between a 5-second minimum and 17-second maximum. This switch **must** be set to the "**OFF**" position enabling a fixed 17-second igniter warm up routine when used with any 48" 80% or 90% furnace.

When using the new White-Rodgers integrated ignition control (Amana Part # 10207719) contained in this kit as a service replacement part for any White-Rodgers 50A50 or Heatcraft HSI 1-1A or HSI-2 ignition control, it will be necessary to install Service Label (Amana Part # 20308501) contained in this kit over the existing information in the lower right hand corner of the wiring diagram on the blower access door as show below.



Note: For complete diagnostic troubleshooting information on these diagnostic flash codes, refer to the TROUBLE-SHOOTING CHART in the 80% and 90% furnace service manual.