

## **GAS CONVERSION PARTS AND INSTRUCTIONS**

### **FOR MODELS WITHOUT GAS CONVERSION KITS:**

**INDIRECT-FIRED MODEL RPV SERIES 6, 7, AND 8;  
MODELS SC, SCA, SCB, AND SCE, SERIES 5 AND 6;  
MODEL EEDU SERIES 3, 5, AND 6;  
MODELS X, XE, PAK, AND RX SERIES 7 AND 8;  
MODELS RG, RGB, RGBL, RP, RPB, RPBL, SSCBL, AND PGBL\*;  
DIRECT-FIRED MODEL ADF/ADFH WITHOUT ELECTRONIC MODULATION;  
MODELS ADF/ADFH, RDF, AND DV\*\***

**\*INCLUDES MODELS WITH PREFIX C, H, OR HC**

**\*\*WITH CAPACITIES  $\leq$ 750 MBH WITH ELECTRONIC MODULATION**

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## STEP 4: SELECT BURNER AIR SHUTTER ASSEMBLY (FOR NATURAL GAS TO PROPANE CONVERSION)

**NOTE: Do not order a burner air shutter assembly if the natural gas unit is already equipped with optional factory-installed air shutters. Burner air shutters are required when converting to propane.**

Refer to **Table 8** for burner air shutter assembly selection.

Table 8. Burner Air Shutter Assembly Selection												
Model	Size											
	75 & 100	125	140	150	170	200	225	250	300	350	400	
Burner Air Shutter Assembly PN												
EEDU, HEEDU <sup>1</sup>	165684	165685		—	165686	—	165687	165688	165689	165690	165691	165692
	55552	46109		—	46113	—	46115	46117	46119	46121	46123	46125
X, XE, PAK, RX, , RPV, SC, SCA, SCB, SCE, SSCBL, CX, CXE, CRX, CRPV, RG, CRG, RGB, CRGB, RGL, CRGL, RP CRP, RPB, CRPB, RPBL, CRPBL, PGBL <sup>2</sup>	15681	26562	—	26563	—	26563	15683	15683	15685	15685 <sup>3</sup>	26693	26885 <sup>3</sup>

<sup>1</sup>No assembly PN—order both air shutter assembly and guide.  
<sup>2</sup>Also applies to these models with prefix H.  
<sup>3</sup>Assembly listed for size 400 also applies to size 300 with prefix D (DX, DRX, DRPV, HDX, HDRX, HDRPV).

## STEP 5: CONVERSION DISK OR CONVERSION LABEL SELECTION

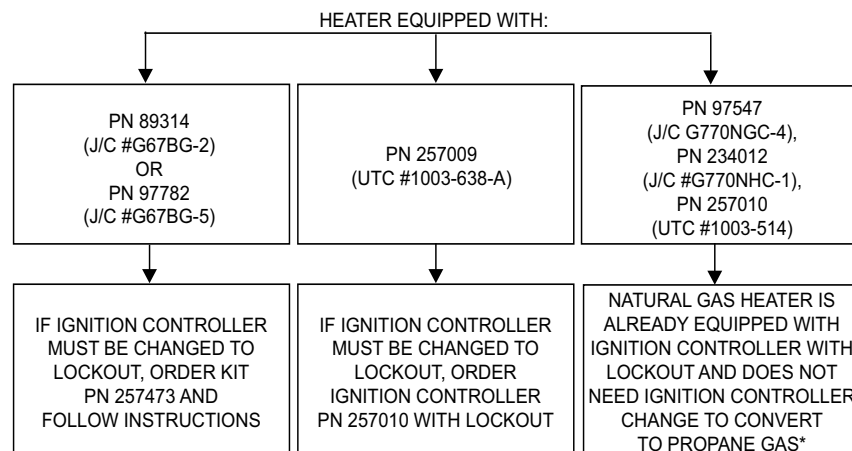
Refer to **Table 9** for conversion disk or conversion label selection.

Table 9. Conversion Disk or Conversion Label Selection		
Heater with A.G.A. Rating Plate or CSA Rating Plate to ANSI Standards		Heater with C.G.A. Rating Plate or CSA Rating Plate to ANSI Standards
Propane to Natural Gas Conversion	Natural Gas to Propane Conversion	Conversion Label PN
Conversion Disk PN		
1401	37752	64391

## STEP 6: SELECT IGNITION CONTROLLER (FOR NATURAL GAS TO PROPANE CONVERSION WITH SPARK PILOT)

**NOTE: When converting indoor units with a spark pilot (indoor and outdoor in Canada) to propane, the ignition controller must have 100% lockout.**

Refer to the flowchart shown in **Figure 1** for ignition controller selection.



\*IF UNIT IS GRAVITY VENTED AND AN AUTOMATIC VENT DAMPER IS ALSO BEING ADDED, IGNITION CONTROLLER MAY NEED TO BE REPLACED. AVAILABILITY VARIES BY IGNITION CONTROLLER. PN 97547 (JOHNSON CONTROLS #G770NGC-4) REQUIRES INSTALLATION OF KIT PN 257473. PN 234012 (JOHNSON CONTROLS #G770NHC-1) AND PN 257010 (UTC #1003-514) REQUIRE NO CHANGE AS EACH OF THESE CONTROLLERS ACCOMMODATES AN AUTOMATIC VENT DAMPER.

**Figure 1. Ignition Controller Flowchart**