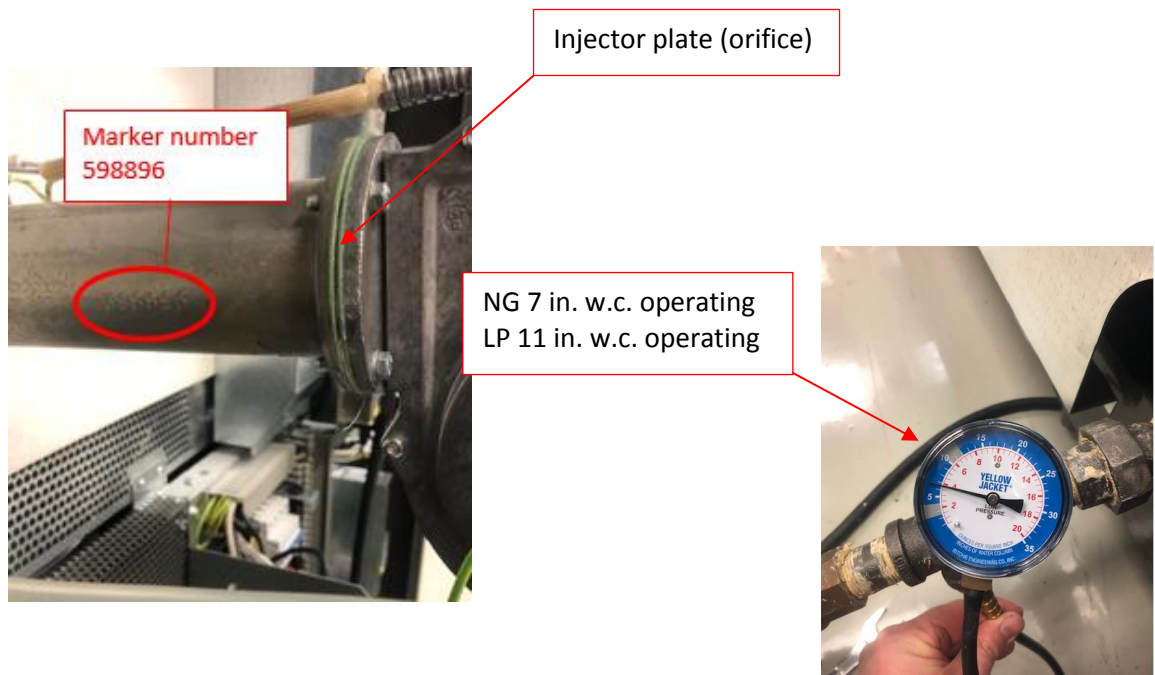


Reference	Subject	Date
ST-105.R2	Natural Gas Conversion to Propane on X/ Z Series Ironers	06/11/2019
	<i>ST-105 supersedes ST-105.R2</i>	
Product	X20125/ Z20125	

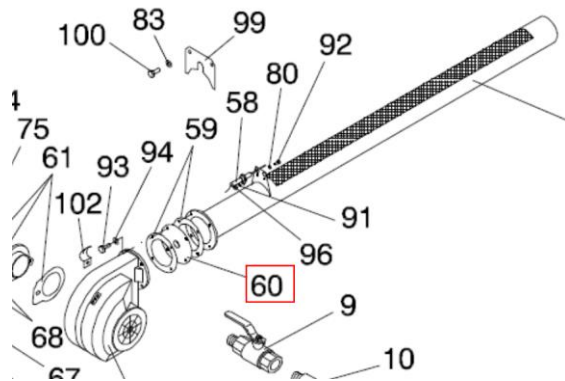
Summary	When converting the X20125/ Z20125 ETL certified radiant burner ironer from natural gas to propane it is critical to make sure you identify what burner is on the ironer, and that you have the correct injector plate (orifice). A radiant burner should have a bright little orange glowing flame on it. It should not have a blue flame on it. If it has a blue flame, it might have the wrong injector on it or the pressures are not correct. Ironers are shipped without a gas pressure regulator. An external regulator must be added at the time of installation. Gas pressure coming into the ironer has to be regulated. If it is not regulated, your ironer will produce an incorrect flame or it will fault out.
Models	X20125/ Z20125 radiant burner ironer
General Information	It is important to verify what vintage burner that you have. New burners have a marker number located on the burner. To read the number, you will need to pull the burner out about a foot, or you can use a flashlight and mirror to identify if it has a marker number. The marker number is located on the burner control box side of the burner.  Marker number 598896 Injector plate (orifice) NG 7 in. w.c. operating LP 11 in. w.c. operating

X20125 Propane (ETL)

	Without Marker Number	598896 Burner
Injector (orifice) diameter (mm)	37	52
Dynamic gas pressure (in. w.c.)	11.0	11.0
Solenoid valve adjustment (mm)	4.5	4.5
Venturi Adjustment	NG 10.6mm (0.42 in.) LP 17.6mm (0.69 in.)	

X20125 Natural Gas

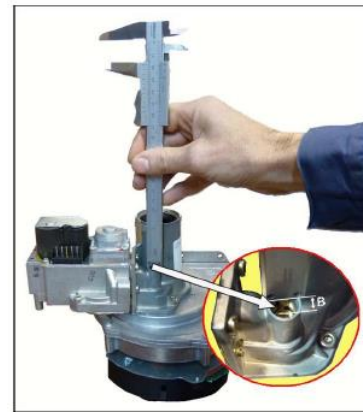
	Without Marker Number	598896 Burner
Injector (orifice) diameter (mm)	40.5	57
Dynamic gas pressure (in. w.c.)	7.0	7.0
Solenoid valve adjustment (mm)	7	7
Venturi Adjustment	NG 10.6mm (0.42 in.) LP 17.6mm (0.69 in.)	



Item 60 is the injector plate (orifice).



Measurement A is the solenoid valve adjustment



Measurement B is venturi adjustment

Injection Kit Part Numbers

With marker number 598896 → 52 mm i.d. on the injector → Part number 792648
Without marker number 598896 → 37 mm i.d. on the injector → Part number 794230



*Always follow the warnings and procedures in the corresponding equipment instruction manual.
(Installation, Operation, and Maintenance Instruction Manual for Flatwork Ironer. Code no. 550038)*