

The FT Series, wall combi, condensing boiler is configured for Natural Gas (NG) from the factory. A Natural Gas to Propane Conversion Kit is included with every FT. The gas conversion kit will show you how to convert your FT boiler to propane gas. If your FT does not have the bag containing the conversion kit, a replacement kit can be obtained. Contact the manufacturer and request a replacement conversion kit.

NOTICE

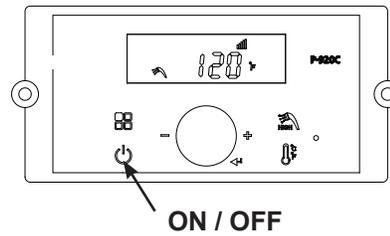
If your installation altitude is greater than 2000 ft, check that the 'High Altitude' Installer Setting has been adjusted to suit your installation altitude

WARNING

shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. The information in these instructions must be followed to minimize the risk of fire or explosion or to prevent property damage, personal injury or death. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit. Installation must conform to local codes and the latest edition of the National Fuel Gas Code, ANSI Z223.1 and CAN-B149.1. Failure to follow instructions could result in serious injury or property damage. The qualified agency performing this work assumes responsibility for gas conversion.

CAUTION

This combination boiler has already been set to burn natural gas, but can be converted to burn LP gas. Before placing the combination boiler into operation, verify that the type of gas supplied to your combination boiler.



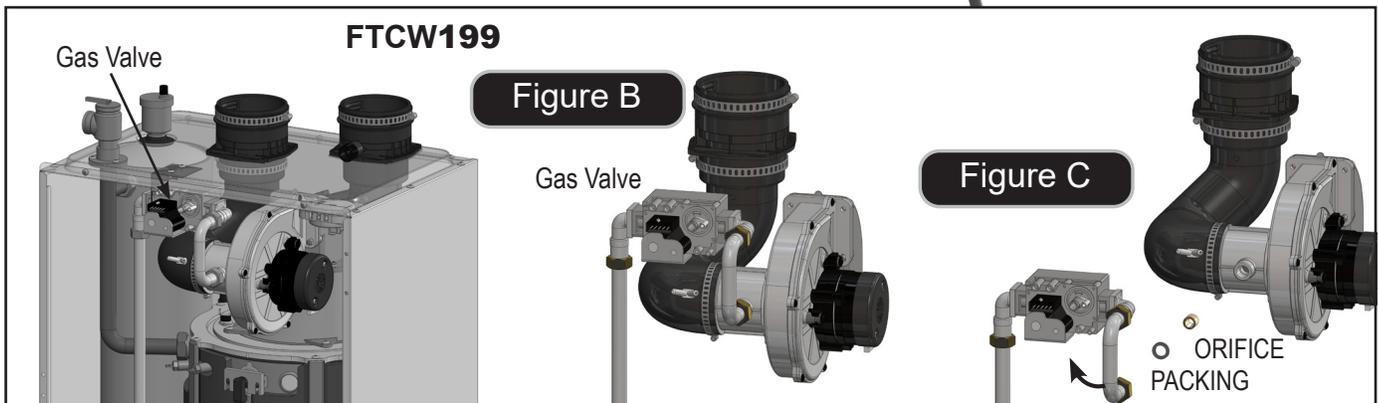
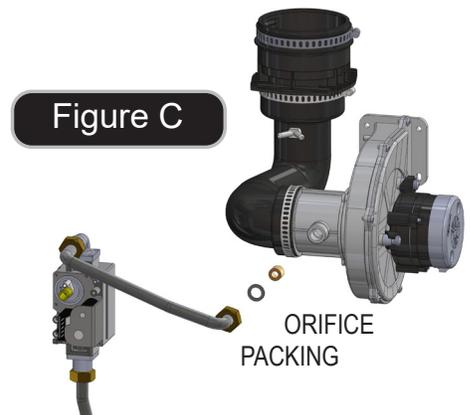
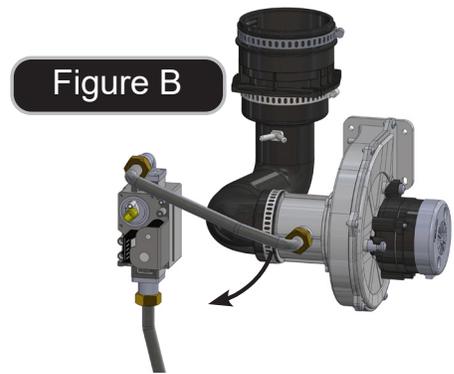
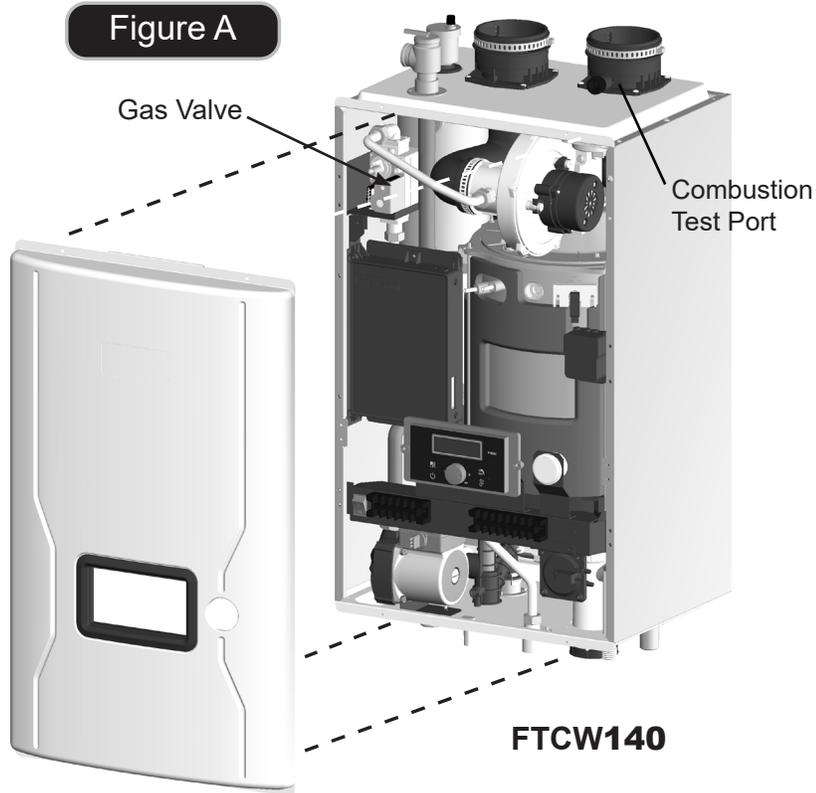
Steps 1 thru 12

1. Turn OFF the FT. The ON / OFF button is located at the bottom left of the Control Display
2. Turn OFF the GAS and WATER supply to the FT (valves are located on the plumbing pipes.)
3. Using a Phillips screwdriver, remove the 4 screws on the front cover. See Figure A.
4. Locate the Gas Inlet Pipe at the top left of the unit as shown in Figure A, and loosen the Brass Fittings at both ends of the Gas Inlet Pipe.
5. Completely unthread the brass fitting on the blower end of the Gas Inlet Pipe and then carefully swing the Gas Inlet Pipe to the left or right, just enough so that it is out of the way. See Figure B.
6. Remove the existing natural gas nozzle or orifice. If your unit is a 199, note that the flat side of the orifice is towards the blower. Save the packing for re-use. See Figure C.

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Model	Natural Gas (NG) part #	Propane Gas (LP) part #	Orifices
FTCW140	FT2027	FT2028	
FTCW199	FT1780	FT1802	

Table A. Gas Conversion Parts



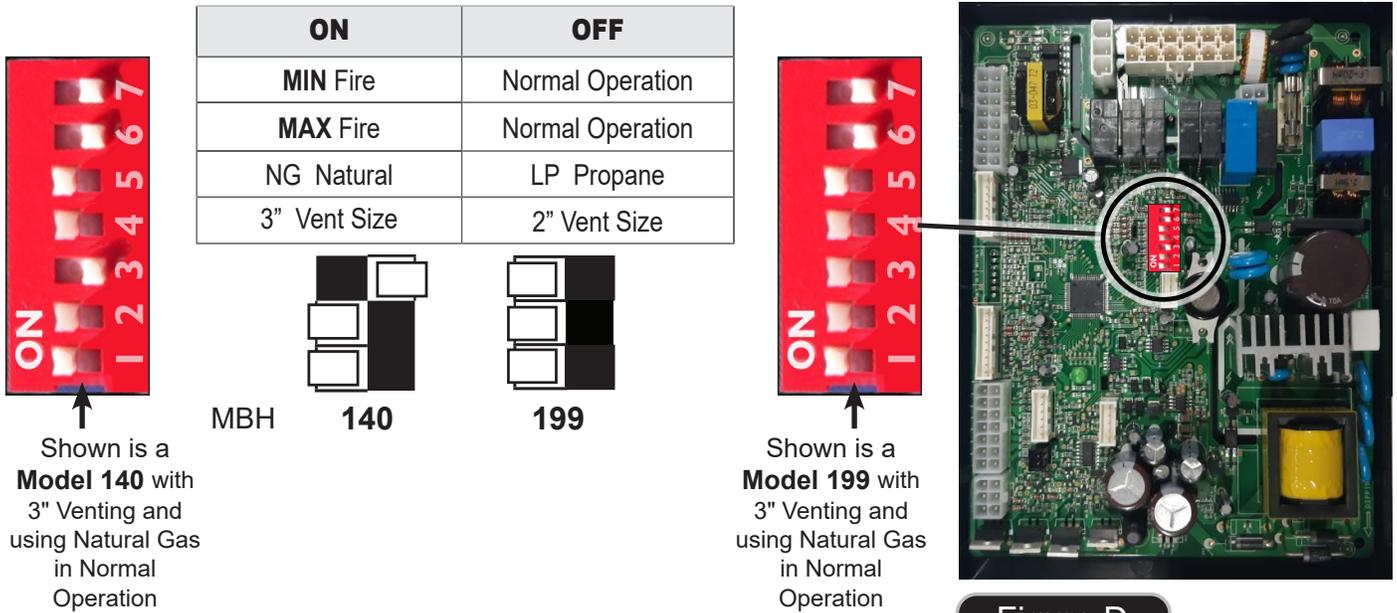
⚠ WARNING

This conversion shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, an explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for the proper and complete installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instruction supplied with the kit. Installation must conform to local codes and the latest edition of the National Fuel Gas Code, ANSI Z223.1 and CAN-B149.1. Failure to follow instructions could result in serious injury or property damage. The qualified agency performing this work assumes responsibility for gas conversion.

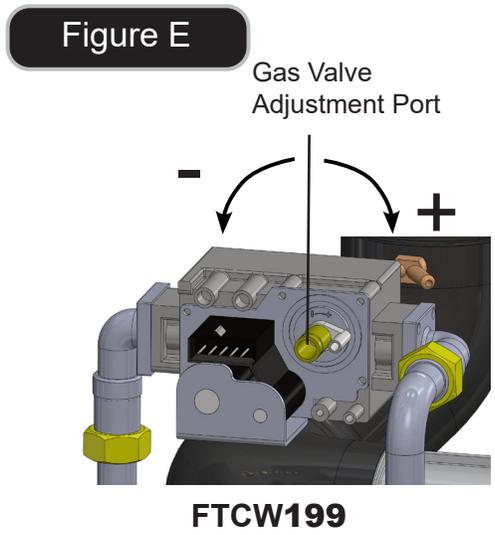
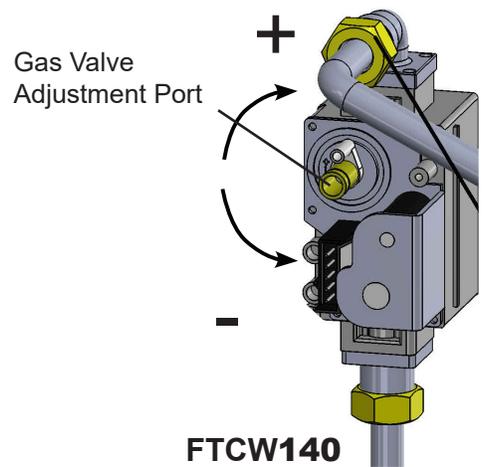


⚠ AVERTISSEMENT

Ce conversion doit être installé par un organisme de service conformément aux instructions du fabricant et tous les codes et les exigences de l'autorité compétente. Si les informations contenues dans ces instructions n'est pas suivi à la lettre, un incendie, une explosion ou de la production de monoxyde de carbone mais résultat causant des dommages matériels, des blessures ou des pertes de vie. Le service est responsable pour la bonne et complète l'installation de ce kit. L'installation n'est pas correcte et complète jusqu'à ce que le fonctionnement de l'appareil converti est vérifiée comme spécifié dans le manuel d'instruction fourni avec le kit. L'installation doit être conforme aux codes locaux et la dernière édition du National Code de gaz combustible, ANSI Z223.1 et peut-B149.1. Non-respect des instructions peut entraîner des blessures graves ou des dommages matériels. L'organisme qualifié effectuant ce travail suppose la responsabilité de conversion au gaz.



- Install the new LP (propane) nozzle or orifice. Re-use the packing from previous.
- Return the Gas Inlet Pipe to its original position and tighten both brass fittings.
- Per Table B, set DIP Switch 5 to OFF for LP Propane.
- Turn ON the GAS and WATER supply to the FT
- Now start the unit and adjust combustion as described in Section 4.12 of the FT Series Combination Boiler Installation and Operations Instruction Manual.
- Upon completion of set up, write in the correct Conversion Date and the Technicians Name to the included gas conversion sticker. See Figure F. Then apply that sticker adjacent to the rating plate.



NOTE: Installer is required to verify combustion settings as part of the installation process.
CO should not exceed 200 ppm.

CO ₂ value		Natural Gas (NG)		Propane Gas (LP)	
		2" VENT	3" VENT	2" VENT	3" VENT
FTCW (ALL Sizes)	MAX FIRE	8.5 - 10.5%		9.5 - 11%	
	MIN FIRE	8 - 10%		9 - 10.5 %	

Manifold pressure		NG' type combustibility		LP' type combustibility	
		2"/3" VENT		2"/3" VENT	
FTCW140	MAX FIRE	-0.130"WC		-0.100"WC	
	MIN FIRE	0.004"WC		0.002"WC	

Manifold pressure		NG' type combustibility		LP' combustibility	
		2" VENT	3" VENT	2" VENT	3" VENT
FTCW199	MAX FIRE	-0.129" WC	-0.314 WC	-0.169" WC	-0.173" WC
	MIN FIRE	-0.015" WC	-0.015" WC	-0.015" WC	-0.015" WC

NOTE: Values in the range of -.001 to -0.35 Inches WC are indicative of proper set-up. If your values are outside of this range, call technical support.

This unit was converted on ___ / ___ / ___ to ___ gas with kit # _____ by _____ (name and company _____ accountable) _____ Cette unité a été converti ___ / ___ / ___ ten ___ gaz en utilisant le kit numéro _____ par _____ (nom et société _____ responsable) _____ _____

Figure F (Conversion label)