KESTAVA (KTV) INSTALLATION & OPERATION "START-UP" REPORT

NOTE:
TO BE COMPLETED BY A FACTORY AUTHORIZED TECHNICIAN HOLDING A VALID KESTAVA (KTV) CERTIFICATE OF REGISTRATION. WARRANTY COVERAGE IS VALID ONLY IF THIS FORM IS SUCCESSFULLY COMPLETED AND RETURNED TO FULTON WITHIN TWELVE WEEKS OF START-UP.

DATE		FULTON REP.	
TECHNICIAN		CUSTOMER	
TECH. COMPANY		CONTACT NAME	
TECH CERTIFICATE #		CITY, STATE	
WATER HEATER MODEL		PHONE NUMBER	
NATIONAL BOARD #		E-MAIL	

GENERAL:

Mechanical room air pressure (Note: Must be neutral pressure)	_____ INCHES WC
Flue gas condensate drain maintains minimum slope and trap height?	☐ YES ☐ NO

COMBUSTION-AIR SUPPLY FROM MECHANICAL ROOM ONLY:

If mechanical room, what is the Upper Louver Size? (In inches)	LENGTH _____ HEIGHT _____
If mechanical room, what is the Lower Louver Size?	LENGTH _____ HEIGHT _____
Combustion air louver type	☐ FIXED ☐ MOTORIZED
If motorized, are they interlocked with the water heaters?	☐ YES ☐ NO ☐ N/A

COMBUSTION-AIR SUPPLY DUCTED DIRECTLY TO WATER HEATER ONLY:

Combustion air intake material type (e.g.: PVC, Spiral Metal Duct, etc.)	_____
Air intake termination location	☐ ROOFTOP ☐ SIDEWALL
Intake configuration	☐ INDIVIDUAL ☐ COMMON
Combustion air intake ducting diameter	_____ INCHES
Combustion air intake ducting length	_____ FEET
Combustion air intake elbow quantity	45'S _____ 90'S _____
Horizontal separation between intake and exhaust termination	_____ FEET
Vertical separation between intake and exhaust termination	_____ FEET

FLUE GAS EXHAUST VENT CONFIGURATION:

Flue gas exhaust vent material type (e.g. Stainless, Polypropylene, etc.)	_____
Exhaust termination location	☐ ROOFTOP ☐ SIDEWALL
Exhaust configuration	☐ INDIVIDUAL ☐ COMMON
Venting inside diameter	_____ INCHES
Total Venting length (Rise + Run)	_____ FEET
Vertical rise only	_____ FEET
Elbows quantity	45'S _____ 90'S _____
Is an exhaust fan installed?	☐ YES ☐ NO
Exhaust fan setpoint pressure	_____ INCHES WC
Common vent pressure with all water heaters at (Note: Do not measure at water heater flue outlet)	HIGH FIRE _____ LOW FIRE _____
Does the water heaters have a modulating draft damper?	☐ YES ☐ NO
Does the common exhaust have a modulating draft damper?	☐ YES ☐ NO ☐ N/A

CONTROLS:

Water heater setpoint source (i.e. BMS 4-20mA, Local)	_____
Is the water heater configured for internal lead/lag?	☐ YES ☐ NO
Motorized isolation valve wired and functional?	☐ YES ☐ NO ☐ N/A
Software update performed?*	☐ YES ☐ NO
Software version in use:	VERSION: _____

**Do not skip this step unless instructed by the factory.*

SAFETY CHECKS: *Check all safeties below for proper operation and document the final settings.*

DEVICE	SETTING	OPERATIONAL
Low Water Safety		
Air Switch		
Low Gas Pressure Switch		
High Gas Pressure Switch		
Blocked Exhaust Switch		

DEVICE	SETTING	OPERATIONAL
High Temperature Limit		
Fuel Train Leak Test		
Blower/Premix Leak Test		

COMBUSTION SETTINGS: *Fuel Type is:* ***Natural Gas*** ◉ ***Propane*** ○

FIRING POSITION:	P0 LIGHT	P1	P2	P3	P4	P5	P6	P7	P8	P9 100%
Incoming Voltage										
Supply Gas Pressure (InWC)*										
Manifold Gas Pressure (InWC)*										
MV Downstream Gas (InWC)*										
Fan Discharge Pressure (InWC)*										
Analyzer 02%										
Room Ambient Temp. °F										
Combustion Air Temp. °F										
Stack Temperature °F										
Stack Draft (InWC)*										
Main Flame Signal										

** Use only a Slack Tube® Manometer or equivalent. The use of a digital manometer is not recommended.*

WATER CHEMISTRY :

Chlorides	_____ mg/L / ppm
Free Chlorine	_____ mg/L / ppm
pH	_____
Total Dissolved Solids	_____ mg/L / ppm
Hardness	_____ mg/L / ppm OR _____ gains per gallon

When complete, please keep this form with the water heater, store a record copy in a safe location, and return a copy to Fulton:

Fulton
ATTN: Service Coordinator
972 Centerville Road
Pulaski, New York 13142

Phone: (315) 298-5121 • Fax: (315) 298-6390