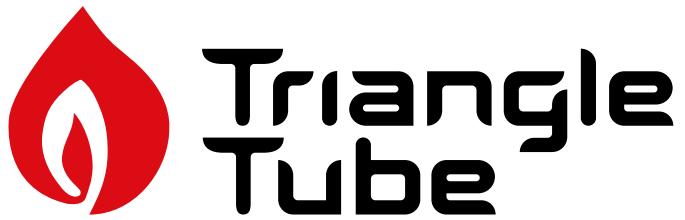




NEW

**instinct**  
SOLO AND COMBI

THE  
ORIGINAL  
INNOVATORS



CTRLMAX Control System -EZ Setup allows for quick 60 second setup. Easy troubleshooting in plain text, no codes.

Stainless Fire Tube Heat Exchanger.

3 in 1 Universal vent adapter directly accepts PVC, Polypropylene, Stainless steel.

Large plate heat exchanger provides industry leading performance. 5+ GPM hot water while fully condensing in DHW mode.



**The Instinct is available as both Combi and Solo models.**

Combi sizes are available in 155 and 199 MBH for all your home heating and your hot water needs.

Solo sizes come in 110, 155, 199 MBH and be cascaded up to six boilers. Instinct Solo boilers can be paired with our Smart tanks to provide an abundance of hot water.

NEW

**instinct**  
SOLO AND COMBI



NEW

# Triangle Tube brings you the Instinct, the future of high-efficiency condensing boilers

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The Instinct is engineered with reliability in mind and each boiler is manufactured from our factory using the No Fault Forward production system where products receive over 200 quality checks before it leaves the factory.



## Stainless-steel fire tube heat exchanger

The Instinct stainless-steel fire tube heat exchanger is manufactured and produced to the highest quality standards. ASME certified and pressure rated to 50 PSI.





NEW

# Introducing our new, good, better, best warranty program providing you with market leading warranties

Because the Instinct is engineered with reliability in mind Triangle Tube confidently introduces our new market leading warranty program.



## GOOD

### Our ENTRY level warranty

- Offers 2-years parts and 10-year primary heat exchanger warranty with your Triangle Tube Instinct



## BETTER

### Our MID level warranty

- Offers 5-years parts, 2-years labor allowance and 10-year primary heat exchanger warranty
- When you register the installation (providing homeowner and contractor information)



## BEST

### Our HIGH level warranty

- Offers 6-years parts, 3-years labor allowance and 10-year primary heat exchanger warranty with your Triangle Tube Instinct
- When you register the installation (providing homeowner and contractor information)
- Plus upload a photo of the combustion readings from your combustion analyzer
- A contractor who has received a "Best" warranty will be highlighted on our "find a contractor" section on the Triangle Tube website



## 10 year primary heat exchanger warranty

No matter which warranty you choose every Instinct boiler comes with a 10 year primary heat exchanger warranty as standard.

# instinct

## SOLO AND COMBI

### SPECIFICATIONS & FEATURES

Instinct model	Solo 110	Solo 155	Solo 199	Combi 155	Combi 199
Min Input (BTU)	13,750	19,375	24,875	19,375	24,875
Max Input (BTU)	110,000	155,000	199,000	155,000	199,000
Turndown Ratio	8:1	8:1	8:1	8:1	8:1
AFUE	95%	95%	95%	95%	95%
DOE Heating Capacity (MBH)	102	142	184	142	184
AHRI Net Rating (MBH)	89	123	159	123	159
Fuel	NG & LP	NG & LP	NG & LP	NG & LP	NG & LP
Gas Connection	3/4"	3/4"	3/4"	3/4"	3/4"
Supply / Return Connections	1"	1"	1"	1"	1"
Domestic Inlet/Outlet Connections	-	-	-	3/4"	3/4"
Vent/Air Connections*	3"	3"	3"	3"	3"
2" Maximum Vent Length	28'	28'	-	28'	-
3" Maximum Vent Length	100'	100'	100'	100'	100'
Water Volume (Gallons)	2	3	4	3	4
DHW Output GPM (70°F rise)	-	-	-	4.0	5.3
DHW Output GPM (75°F rise)	-	-	-	3.7	4.9
DHW Output GPM (80°F rise)	-	-	-	3.5	4.6
DHW Minimum Flow Rate (GPM)	-	-	-	0.5	0.5
DHW Maximum Operating Pressure (PSI)	-	-	-	150	150
CH Maximum Temperature (°F[°C])	185 (85)	185 (85)	185 (85)	185 (85)	185 (85)
DHW Maximum Temperature (°F[°C])	-	-	-	150 (65)	150 (65)
Cabinet Height	26"	26"	26"	33"	33"
Cabinet Width	21 3/4"	21 3/4"	21 3/4"	21 3/4"	21 3/4"
Cabinet Depth	16 1/2"	16 1/2"	16 1/2"	16 1/2"	16 1/2"
Weight (Lbs)	75	95	105	110	130

\*Due to large variation in CV of propane, only 3" venting on LP installations

#### Customer Service

**856-228-8881**

#### Email:

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Customerservice@triangletube.com

#### Corporate office

**856-228-8881**

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