Triangle Tube®

THE PERFECT FIT FOR YOU AND YOUR CUSTOMERS.

instinct
WALL MOUNT

EXPERTS IN HEATING & HOT WATER SOLUTIONS

triangletube.com |

From easy install to long-lasting reliability, it's the trusted boiler.

T sync COMPATIBLE

DHW Combi Units:
Up to 5+ GPM

Easy Access /
Serviceability

Stainless Steel Fire Tube
Heat Exchanger

4 Pump Outputs:
Boiler / CH1 / CH2/ DHW

CTRLMAX Control System:
Fast and Easy 60 Sec Set Up

NO FAULT FORWARD
MEANS QUALITY

CTRLMAX Control System:
Fast and Easy 60 Sec Set Up

Easy Access / Serviceability

DHW Combi Units:
Up to 5+ GPM

Peace of Mind Warranty Program
Up to 10 Years Heat Exchanger /
6 Yrs Parts / 3 Yrs Labor

Demands (Call for heat):
2 Central Heat (CH) / 1 DHW

4 Pump Outputs:
Boiler / CH1 / CH2/ DHW

Stainless Steel Fire Tube
Heat Exchanger

3 in 1 Universal Vent Adaptor
Directly Accepts PVC

No Fault Forward
Production System

AFUE Energy Efficiency
Rating of 95%

The Instinct is engineered with reliability in mind and each product is manufactured from our factory using the No-Fault Forward Production System where products receive over 200 quality checks before leaving the factory.

SPECIFICATIONS & FEATURES

INSTINCT MODEL	INS110S	INS155S	INS199S	INS155C	INS199C
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 (MNPT)	3/4"	3/4"	3/4"	3/4"	3/4"
Supply / Return Connections (MNPT)	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	33'	33'	-	33'	-
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 Flow Temperature (˚F[˚C])	185 (85)	185 (85)	185 (85)	185 (85)	185 (85)
DHW Maximum Flow 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

†1-1/4" FPT when using the 548 Caleffi Separator

Peace of Mind Warranty Program

GOOD

- 0 YEAR LABOR*
- 2 YEAR PARTS
- 10 YEAR HEAT EXCHANGER

- Boiler Purchase

BETTER

- 2 YEAR LABOR*
- 5 YEAR PARTS
- 10 YEAR HEAT EXCHANGER

- Register Boiler (providing customer and contractor information)

BEST

- 3 YEAR LABOR*
- 6 YEAR PARTS
- 10 YEAR HEAT EXCHANGER

- Register Boiler (providing customer and contractor information)
- Upload a photo of readings from your combustion analyser
- Your business is added to "find a contractor" section on the Triangle Tube website

ENERGY STAR ASME H AHRI CERTIFIED® Intertek

* Labor Allowance

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