

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



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 | 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 (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* |  BETTER | 2 YEAR LABOR* |  BEST | 3 YEAR LABOR* |
| | 2 YEAR PARTS | | 5 YEAR PARTS | | 6 YEAR PARTS |
| | 10 YEAR HEAT EXCHANGER | | 10 YEAR HEAT EXCHANGER | | 10 YEAR HEAT EXCHANGER |

- Boiler Purchase

- Register Boiler (providing customer and contractor information)

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 - Upload a photo of readings from your combustion analyser
 - Your business is added to "find a contractor" section on the Triangle Tube website



* Labor Allowance