

Delta Performance

Floor standing combination boiler. Offers exceptional heating and hot water performance. Available in Gas, Oil and Propane.

Benefits

The Delta Performance is reliable, economical and easy to use and maintain. It is also oil, natural gas or propane compatible. The Delta Performance offers versatility and convenience.

Product Features

- High performance low-cost combined boiler and water heater
- Stainless steel Tank-in-Tank design
- Choice of burner:
 - Low-NOx premix gas or LPG (BG2000-S)
 - Pressure jet natural gas or LPG
 - Pressure jet 28 sec or 35 sec oil
- Anti-Legionellae: hot water stored at consistently high temperature
- Fully insulated with rigid polyurethane foam
- Stove enamelled casing
- Control panel including thermostats, thermometer, indicators and on/off switch
- 22 to 62 kW output (oil) or 22 to 49 kW (gas)
- Can be used in battery formation for high output installations
- Vented or unvented use, with mains pressure SystemPaks available
- Primary heating sealed system kits also available



BG 2000-S Low NOx air/gas premix burners are outstanding not only for their eco-friendly design but also for their incredibly silent operation. They are fitted with automatic ignition and an ionisation flame detector.

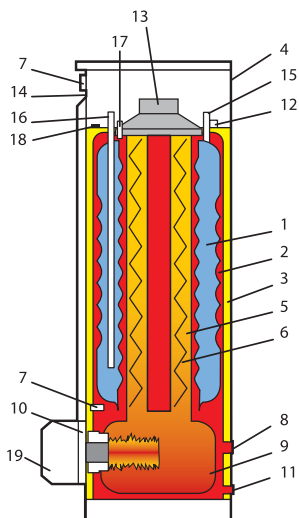
		Delta Performance 25	Delta Performance 35	Delta Performance 45	Delta Performance 55
Fuel		Oil (28 sec or 35 sec) or Natural gas			
Burner options	Type	Pressure jet/ BG2000-S			
Input	kW	25/33	33/45	42/61	50/69
Output	kW	22/29	29/40	38/54	45/62
Primary capacity	L	83	104	70	82
Total capacity	L	157	178	132	151
Heating surface area	m ²	1.59	1.59	1.99	2.46
Flue circuit pressure drop	mbar	0.02-0.09	0.08-0.09	0.01-0.08	0.02-0.05
DHW connection (male BSP)	Ø	3/4"	3/4"	3/4"	3/4"
Primary connection (female BSP)	Ø	1"	1"	1"	1"
Flue connection	Ø mm	130	130	150	150
Burner air intake connection	Ø mm	80 - BG2000-S			
Weight empty	kg	145	156	168	200
Weight full	kg	302	334	300	351
Maximum operating temperature	°C	90	90	90	90
Maximum operating pressure Primary: 3 bar Secondary: 10 bar Gas connection - 3/4" (BG2000 burner)					

Performance Data

		Delta Performance 25	Delta Performance 35	Delta Performance 45	Delta Performance 55
Litres in first 10 minutes	40°C	268	285	316	362
Litres in first 10 minutes	45°C	230	230	283	283
Litres in first 10 minutes	60°C	170	170	186	186
Litres in first hour	40°C	806	1035	1284	1533
Litres in first hour	45°C	799	1027	1112	1403
Litres in first hour	60°C	568	727	867	977
Continuous flow 40°C	Ltrs/hr	645	900	1161	1405
Reheat time to 80°C	Min	32	29	16	16

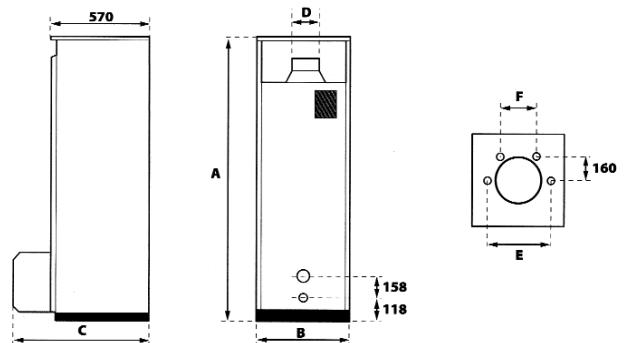
Please Note: Performance data assumes a primary flow temperature of 85°C and a domestic cold water supply of 10°C

Characteristics



1. Stainless steel inner tank
2. Primary heating circuit
3. Rigid polyurethane foam insulation
4. Stove enamelled metal casing
5. Flue pipes
6. Stainless steel flue turbulators
7. Control thermostat pocket
8. Alternative primary water return connection
9. Combustion chamber
10. Combustion chamber plate
11. Primary drain connection
12. Top primary water flow and return connections
13. Flue connection
14. Control panel
15. Domestic hot water outlet
16. Domestic cold water inlet
17. Lower limit thermostat and thermometer pocket
18. Manual reset high limit thermostat
19. Oil or gas burner

Dimensions



	25	35	45	55
A	1497mm	1697mm	1497mm	1697mm
B	542mm	542mm	542mm	542mm
C	818mm	818mm	818mm	848mm
E	360mm	360mm	390mm	390mm
F	200mm	200mm	200mm	200mm