

mX mini Express'o Plate Heat Exchanger

WITH BUFFER STORAGE FOR LARGE DOMESTIC & SMALL COMMERCIAL APPLICATIONS

PERFORMANCE

DHW Output in litres/hour

Primary at 80°C, Secondary at 60°C

STORAGE 200 300 500 750 1000
INPUT kW

30	684	774	954	1170	1395
50	1044	1134	1314	1539	1764
70	1404	1494	1674	1908	2133
90	1764	1854	2034	2277	2502

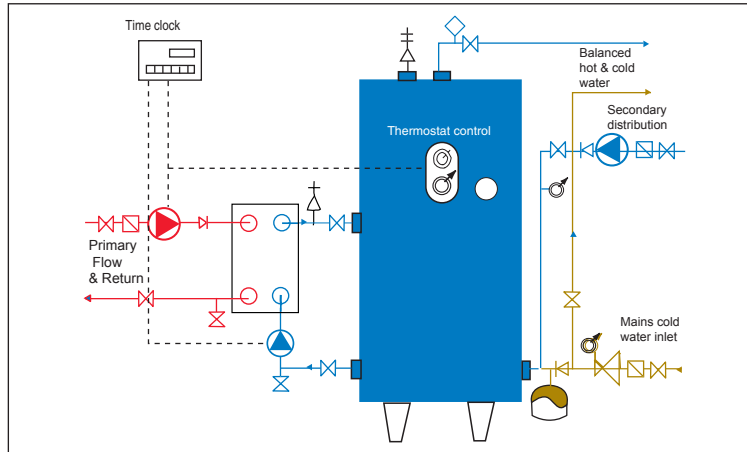
Domestic Performance - based on number of bathrooms with standard fittings - for luxury bathrooms multiply by 3

STORAGE 200 300 500 750 1000
INPUT kW

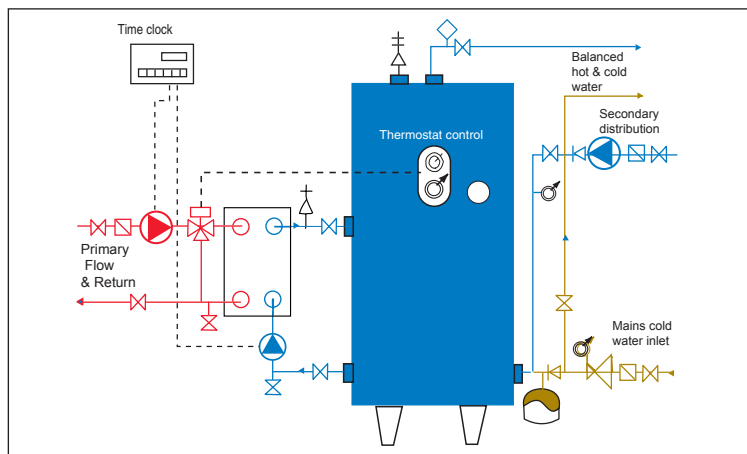
30	3	4	5	7	9
50	4	5	6	8	10
70	5	6	7	9	11
90	6	7	8	9	12

- Efficient & hygienic water heating
- Domestic hot water store
- Rapid heat recovery
- Compact design

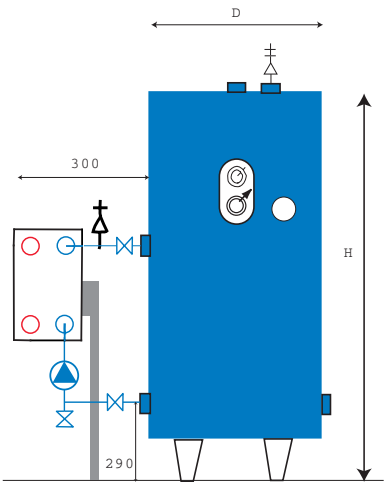
Pump control from in built thermostat



Diverting valve control from in built thermostat



Storage Litres	200	300	500	750	1000
Height 'H' mm	1320	1725	1870	2100	2000
Diameter 'D' mm	610	610	710	810	950



SPECIFICATION

- One AISI 316L stainless steel TURBOFLOW plate heat exchanger, working pressure 10BARs.
- One C20 vertical AISI 316L stainless steel buffer vessel, working pressure 8BARs and complete with high grade polyurethane foam insulation to class ASTM D 1692 & rigid polyester jacket,
- One mini control panel (on C20-200 & C20-300 vessels) with built-in control & limit thermostats, temperature control knob and thermometer. On larger vessels - 500 to 1000 litres - there are combined control and limit thermostats and a thermometer inserted in the vessel or supplied loose.
- One set of buffer vessel mountings with one temperature & pressure relief valve, one automatic air eliminator, one anti-vacuum plug, one drain valve.
- One secondary pump/flow pack with isolating valves, 6BAR pressure relief valve and drain valve

This publication is based on Technical Appraisal 1/90 Condensing Boilers originally issued jointly by the Building Services Research and Information Association and by Atlantic Boilers. (The original document was based on research sponsored jointly by the Department of the Environment as part of their support for the Construction Industry, by BSRIA and by Atlantic 2000.)

This leaflet outlines further development of the condensing boiler and is based on the continuous experience of Atlantic Boilers from 1982 to date.



Atlantic 2000

Box 11, Ashton Under Lyne, Lancashire, OL6 7TR

Tel: 0161 621 5960 or: 020 7237 4912 Fax: 0161 621 5966

E-mail: info@atlantic2000.co.uk

Web: www.atlanticboilers.com