

ATLANTIC BOILERS

# TECHNAFLON PVDF RIGID AND FLEXIBLE FLUES FOR OIL, BIO-DIESEL & GAS CONDENSING

Resistant to gas, bio-diesel and oil condensate

Suitable up to 160°C flue gases

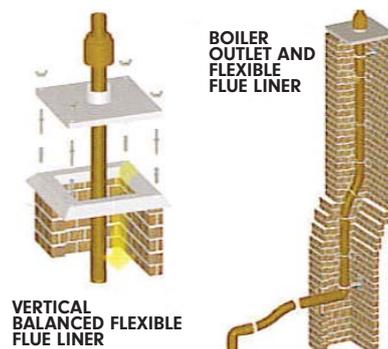
Zero flame, zero smoke propagation to ASTM E-84

Heat shock, 300°C one hour no cracking

TUV approval to DIN 18 200

**Technaflon condensing flues** can be fitted to all oil, bio-diesel and gas condensing boilers. They are graded either to the boiler or to a separate outlet to allow the accumulating condensate to run to drain. Technaflon condensing flues are installed without insulation. Flue gases cool rapidly, releasing the heat to the building and increasing the boiler efficiency.

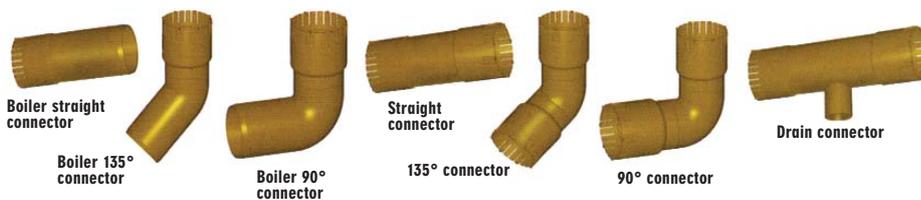
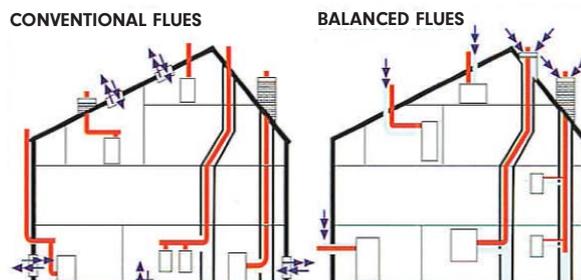
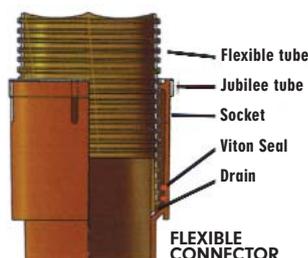
Technaflon condensing flues are precision made from polyvinylidene fluoride. **PVDF** is extremely corrosion-resistant, hard wearing and resistant to UV radiation. Tests over the past 20 years confirm that PVDF retains a high level of quality and does not sustain flame.



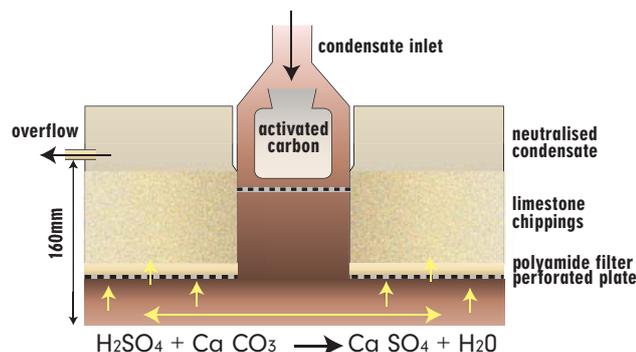
75-315mm diameter flues

Excellent welding characteristics

20 year guarantee



The **Technaflon neutralisation box** is offered to collect the condensate and to convert it into clean water before discharging into a sewerage system. The box contains an activated carbon filter needing replacement when saturated. It also contains limestone and marble chippings which need topping up from time to time.



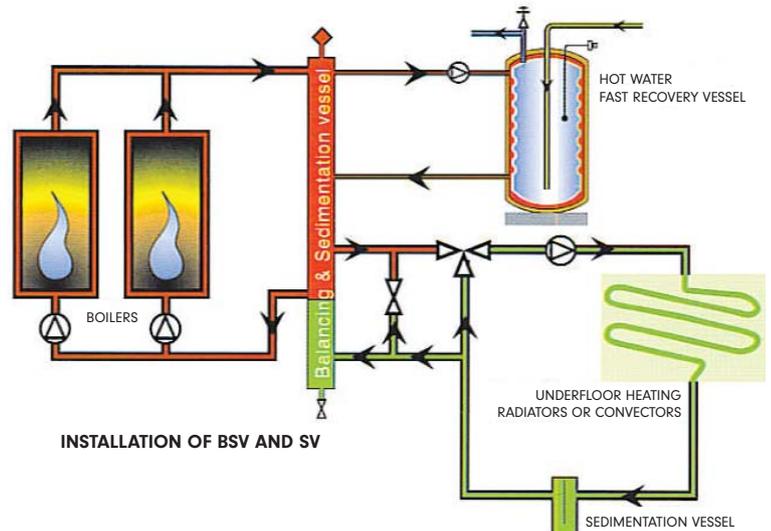
## ATLANTIC BOILERS

BOILER HOUSE PACKS FOR  
SIMPLIFIED INSTALLATION

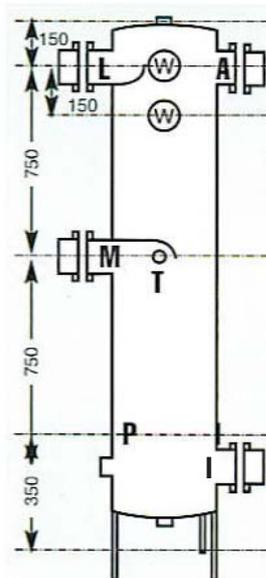
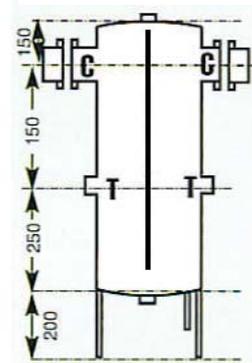
Make-easy boiler installation

Old and new heating systems

Simplify boiler house pipework

Improve pump and control  
effectivenessBSV AND SV  
STANDARD DIMENSIONS

Capacity	Diameter
116kW	100mm
348 kW	150mm
696 kW	200mm
1740 kW	300mm
2900 kW	500mm

BALANCING AND  
SEDIMENTATION VESSEL

SEDIMENTATION VESSEL

The **boiler house packs** come complete with flanged and screwed connections for boilerplant and pumped circuits and additional connections for thermometers, thermostats, drain/sludge and air vent, constructed to 6 BARS working pressure.

The **vessels** are provided complete with counter flanges, thermometers, drain/sludge drain valve, air eliminator and eliminator isolating valve. Standard dimensions are shown. Other arrangements can be provided.

**Balancing and sedimentation vessel**

The balancing vessel is located close to the boilers, with its feet placed on a base to allow the boiler flows and returns to normally vent to the vessel. One full size cold feed pipe should be taken to the connection 'P' on the vessel and fitted with a 'normal open' ball valve, allowing normal heating system expansion and contraction to take place along the pipe.

The different flow pipes of separate heating circuits should be connected progressively through the header to the top flow 'A'. The returns should be connected similarly to the bottom return 'I'. DHW priority flow and return circuits should be taken from and to the high level 'W' tappings.

When connections are complete and the system is ready for filling. Firstly everything should be isolated from the vessel. This includes the boilers (with their shunt pumps) connected to "L" (flow) and "M" (return) and the heating circuits - "A" and "I" - which should be isolated from the vessel. The vessel air vent and drain/sludge valves should be closed.

The different heating circuits should then be filled separately. As the circuits are progressively filled, they should be regularly sludged through the bottom of the vessel by opening the circuit valves and the drain and sludge valve until the water clears. This should be repeated for all the circuits. After filling all the circuits, the circuit pumps should be set running to check for further sedimentation arriving in the vessel. When this is clear, the boiler valves may be slowly opened and then the shunt pumps set running.

HIGH EFFICIENCY CONDENSING BOILER-PLANT

ADDRESS: PO BOX 11, ASHTON UNDER LYNE, OL6 7TR

WEB: WWW.ATLANTICBOILERS.COM EMAIL: INFO@ATLANTICBOILERS.COM

TEL: 0161 621 5960 FAX: 0161 621 5966

ATLANTIC 2000 - boilerplant sales ACM ATLANTIC - commissioning and maintenance ATLANTIC 4422 - spares