

a flue that's perfect for you

To ensure optimum boiler performance and extremely low running noise, TURCO complement their extensive range of multi-directional flued oil boilers with a very simple push fit round flue system.

All internal flue sections have a white enamelled gloss finish. Both horizontal and vertical flue terminals are pleasing to the eye; the horizontal having a polished stainless steel finish, whilst the vertical terminal is black.

They are also exceptionally easy on the installer, as all that is needed to install them is a standard-size core drill.

Kit 1 Horizontal low level telescopic flue kit
can be used in conjunction with kits 3 & 6



Kit 6 950mm Extension flue kit
can be used in conjunction with kits 1, 4, 5, 6 & 8



Kit 3 300 Extension flue kit
can be used in conjunction with kits 1, 4, 5, 6 & 8

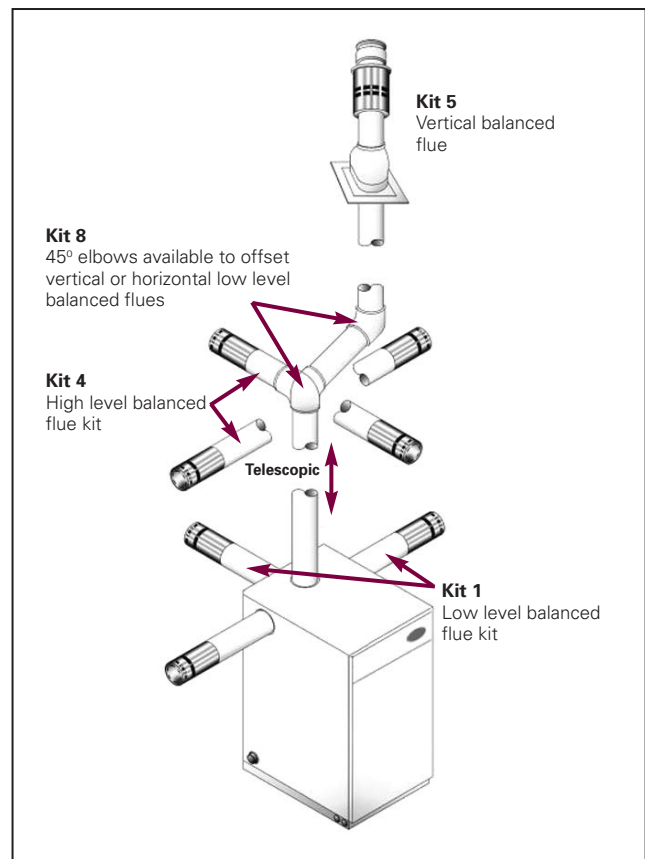
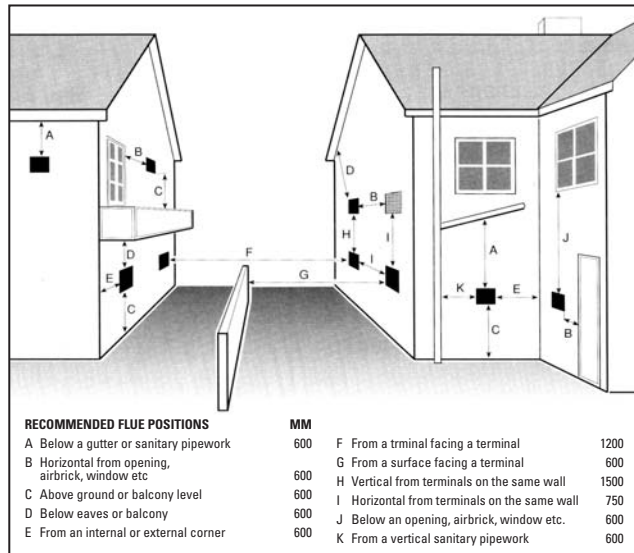


Kit 5 vertical roof terminal flue kit
can be used in conjunction with kits 3, 6 & 8



Kit 4 High level terminal flue kit
can be used in conjunction with kits 3 & 6

Kit 8 2x45° elbows
can be used in conjunction with kits 1, 3, 5, 6 & 8



TURKINGTON ENGINEERING LIMITED

14 Tullylagan Road, Sandholes,
Co. Tyrone, BT80 9AZ
Tel: 028 867 63372
Fax: 028 867 63484
Email: info@turco.co.uk

For further details about our training courses contact:

TURCO Boilers on Sandholes 028 867 63372 or our trainers direct at:
EUROCAL Oil Boiler Training Centre
Unit 2, Century Buildings, Mansfield, Nottinghamshire, NG18 5SF
Telephone: 01623 629200/621326.



Your local stockist

Turkington Engineering have a continuing research and development programme which occasionally necessitates changes to specifications herein. It is, therefore, essential that instructions issued with each individual appliance are carefully read prior to installation and strictly adhered to during installation. The statutory rights of the customer are not affected.



THE OIL FIRED EXPERIENCE



delivering engineering excellence



Our boilers are designed using 3-D modelling CAD/CAM systems and the latest CNC machinery

Turkington Engineering is a privately owned company established for 40 years. During this time we have built a reputation as one of the leading UK Manufacturers of oil fired products.

From our new cutting edge 40,000 sq.ft. production facility, we offer reliability, versatility and the peace of mind you would expect from a company at the forefront of heating technology.

Turkington Engineering are able to provide a cost effective solution to suit any household application be it external, internal, floor or wall mounted.

With exceptional heating and hot water performance the customers will enjoy the financial benefits of a **TURCO** boiler time and time again.

we'll train you to offer the very best service...

Conveniently located at the heart of the UK, our Training Centre offers a choice of four recognised OFTEC training courses suitable for the installer and the commissioning engineer, including a special in-depth programme for service engineers and those involved in fault finding.

- Our three-day OFTEC 101 course covers domestic/light commercial pressure jet boiler commissioning and servicing with two days' training and one day's assessment.
- Our one-day OFTEC 105 course covers installation of oil fired appliances.
- Our one-day OFTEC 600A course covers oil tank installation and associated controls.
- We also offer a three-day course that combines OFTEC 101 with OFTEC 105 and includes two days' training plus one day's assessment comprising one practical and two theory sessions.

...and guarantee your customer complete peace of mind!

You can rest assured all TURCO heat exchangers are covered by a comprehensive five-year guarantee - and all other components by a two-year parts and labour guarantee. These guarantees are honoured subject to the boiler being commissioned and the appropriate paperwork being returned to TURCO at the Turkington Engineering Limited address shown on the back of this brochure.

For your complete peace of mind, a nationwide network of fully qualified registered service engineers supports every TURCO boiler guarantee ... so in the unlikely event of a problem, all your installer needs to do is contact us.



President page 4 - 5
Advanced floor-standing boilers



Senator page 6 - 7
Floor-standing combi/system boilers



Ambassador page 8 - 9
Standard floor-standing boilers



Consul page 10 - 11
Closed case boilers



Diplomat page 12 - 13
Wall-hung boilers



Countryman page 14 - 15
Outdoor boilers



Flue kits page 16





TURCO President
Advanced floor-standing boilers

50/70 Boiler	
Height	857mm
Depth	590mm
Width	420mm
Water connections in BSP	4x1
Conventional flue diameter	100-125
Boiler weight in(kg)	100.5

70/90 Boiler	
Height	857mm
Depth	590mm
Width	420mm
Water connections in BSP	4x1
Conventional flue diameter	100-125
Boiler weight in(kg)	106.25

90/115 Boiler	
Height	896mm
Depth	630mm
Width	450mm
Water connections in BSP	4x1
Conventional flue diameter	100-125
Boiler weight in(kg)	140

115/140 Boiler	
Height	1025mm
Depth	671mm
Width	490mm
Water connections in BSP	4x1 1/4"
Conventional flue diameter	125
Boiler weight in(kg)	147

140/170 Boiler	
Height	1025mm
Depth	671mm
Width	490mm
Water connections in BSP	4x1 1/4"
Conventional flue diameter	152
Boiler weight in(kg)	160

170/220 Boiler	
Height	1075mm
Depth	721mm
Width	539mm
Water connections in BSP	4x1 1/4"
Conventional flue diameter	152
Boiler weight in(kg)	180
(conventional flue only)	

General Data	
Electrical supply	240v~50Hz
Oil supply connection	1/4" BSP
Fuel	28 second or 35 second
High limit stat	manual reset
Maximum control thermostat setting	85°C
Maximum operating pressure	3 Bar

contemporary and complementary

Quietly efficient yet contemporary in appearance, our top of the range President oil boiler has a clean white stylish easy-to-clean case. What's more, wherever it is sited, it's beautifully designed to complement any kitchen.

- Features reliable quiet-running proven burner
- Features a multi-directional push fit round telescopic flue for ease of siting
- Its resettable overheat stat allows the boiler to be used on sealed systems
- All models offer front access for ease of installation, servicing and maintenance
- Pre-wired for ease of installation
- SEDBUK approved Part J&L compliant
- Available with outputs from 50,000 to 220,000 Btu's



Control Panel



Snorkel Adaptor



Sterling Burner





TURCO Senator

Floor-standing combi/system boilers

50/70 Combi Boiler

Height	860mm
Depth	590mm
Width	555mm
Heating return in BSP	1"
Conventional flue diameter	100-125
Combi heating flow	22
Combi safety relief O/F	15
Domestic hot water	15
Combi cold mains	15
Boiler weight in(kg)	150

70/90 Combi Boiler

Height	860mm
Depth	590mm
Width	555mm
Heating return in BSP	1"
Conventional flue diameter	100-125
Combi heating flow	22
Combi safety relief O/F	15
Domestic hot water	15
Combi cold mains	15
Boiler weight in(kg)	155

90/115 Combi Boiler

Height	950mm
Depth	630mm
Width	585mm
Heating return in BSP	1"
Conventional flue diameter	100-125
Combi heating flow	22
Combi safety relief O/F	15
Domestic hot water	15
Combi cold mains	15
Boiler weight in(kg)	185

50/70 & 70/90 System Boilers

Height	860mm
Depth	590mm
Width	555mm
Heating return in BSP	1"
Conventional flue diameter	100-125
System boiler heating flow	22
Boiler weight in(kg)	108

General Data

Electrical supply	240v~50Hz
Oil supply connection	1/4" BSP
Fuel	28 second or 35 second
High limit stat	manual reset
Maximum control thermostat setting	85°C
Maximum operating pressure	
expansion vessel capacity	12 litres
Spring safety valve	3 Bar

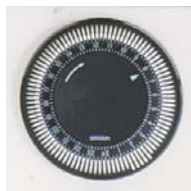
compact
and
efficient

Offering efficient heating and lashings of hot water on demand, for your comfort the stylish floor-standing Senator combi recovers quickly. Easily installed and front-access maintained, because it is fed direct by the cold water main, it doesn't need a cylinder or a header tank, saving you valuable space.

- With the exception of the 90/115 all the Senator range fit under standard kitchen work surfaces
- It incorporates a simple 24-hour time switch for easy central heating control
- Easily sited, thanks to a multi-directional push fit round telescopic flue
- Fitted with a resettable safety device which shuts off the boiler if a system leak occurs or a thermostat fails
- Comes with its pump, pressure vessel and auxiliary equipment factory fitted to save on labour and material costs
- Odour free, it's also pre-wired and pre-piped



Grundfos Pump



Time Switch



Mixer Valve



TURCO



TURCO Ambassador
Standard floor-standing boilers

50/90 Boiler

Height	857mm
Depth	590mm
Width	420mm
Water connections in BSP	4x1
Conventional flue diameter	100-125
Boiler weight in(kg)	100.5

90/120 Boiler

Height	896mm
Depth	630mm
Width	450mm
Water connections in BSP	4x1
Conventional flue diameter	100-125
Boiler weight in(kg)	100.5

General Data

Electrical supply	240v~50Hz
Oil supply connection	1/4" BSP
Fuel	28 second or 35 second
High limit stat	manual reset
Maximum control thermostat setting	85°C
Maximum operating pressure	3 Bar

quiet and unassuming

Superbly stylish and oh so quiet the unassuming Ambassador can be quickly and easily installed in any kitchen or utility room. The multi-directional push fit round telescopic flue allows it to be easily sited under any fixed work surface.

- TURCO round telescopic flues can be fitted to both models
- Both models are suitable for open vented or sealed system installation
- Its white stylish case is easy to clean and looks good in any kitchen
- Boiler offers front access for ease of siting, servicing and maintenance
- Pre-wired for ease of installation
- SEDBUK approved Part J & L compliant
- Reliable, efficient proven Sterling burner



Dual Thermostat



Snorkel Adaptor



Sterling Burner





TURCO Consul
Closed case boilers

50/70 Boiler	
Height	717mm
Depth	384mm
Width	367mm
Water connections in BSP	4x1
Conventional flue diameter	100-125
Boiler weight in(kg)	92

50/90 Boiler	
Height	717mm
Depth	384mm
Width	392mm
Water connections in BSP	4x1
Conventional flue diameter	100-125
Boiler weight in(kg)	97

90/120 Boiler	
Height	760mm
Depth	424mm
Width	423mm
Heating return in BSP	4x1
Conventional flue diameter	100-125
Boiler weight in(kg)	129

115/140 Boiler	
Height	860mm
Depth	466mm
Width	460mm
Water connections in BSP	4x1 1/4"
Conventional flue diameter	125
Boiler weight in(kg)	135

140/170 Boiler	
Height	860mm
Depth	466mm
Width	460mm
Water connections in BSP	4x1 1/4"
Conventional flue diameter	152
Boiler weight in(kg)	147

170/220 Boiler	
Height	910mm
Depth	512mm
Width	511mm
Water connections in BSP	4x1 1/4"
Conventional flue diameter	152
Boiler weight in(kg)	162
(Conventional flue only)	

General Data	
Electrical supply	240v~50Hz
Oil supply connection	1/4" BSP
Fuel	28 second or 35 second
High limit stat	manual reset
Maximum control thermostat setting	85°C
Maximum operating pressure	3 Bar

performance and versatility

Designed to suit both conventional and balanced flue applications, the Consul is a neat, clean general purpose oil boiler. Like the rest of the range it uses the push fit round multi-directional telescopic balanced flue system when applicable.

- Features a reliable, quiet-running proven burner
- Offers front access for ease of installation, service and maintenance
- Resettable thermostat for complete peace of mind
- Energy-saving fully insulated boiler case
- Pre-wired boiler saves both labour and money
- Like all TURCO boilers, it complies with all the latest building regulations



Dual Thermostat



Sterling Burner



Flue Connection

TURCO



TURC **Diplomat**
Wall-hung boilers



Diplomat - External Model

- External mounting minimises running noise inside your property
- Housed in a smart robust weatherproof case
- Available in outputs of 50,000 - 90,000 Btu's

50/70 External Boiler	
Height	821mm
Depth	316mm
Width	692mm
Rating minimum	50,000 BTU/14.7kW
Rating maximum	70,000 BTU/20.6kW
Flow & return connections	1" BSP
Electrical supply	240V - 50Hz
Oil supply connection	1/4" BSP
Fuel	Kerosene (28 seconds)
Maximum control thermostat setting	85°C
Maximum operating pressure	3 Bar
Water content	13.9 Ltrs
Total boiler weight	97 Kgs
Fitted hi-limit stat	
Fitted frost stat	

70/90 External Boiler	
Height	821mm
Depth	316mm
Width	692mm
Rating minimum	70,000 BTU/20.6kW
Rating maximum	90,000 BTU/26.5kW
Flow & return connections	1" BSP
Electrical supply	240V - 50Hz
Oil supply connection	1/4" BSP
Fuel	Kerosene (28 seconds)
Maximum control thermostat setting	85°C
Maximum operating pressure	3 Bar
Water content	13.9 Ltrs
Total boiler weight	97 Kgs
Fitted hi-limit stat	
Fitted frost stat	

spacesaving and accessible

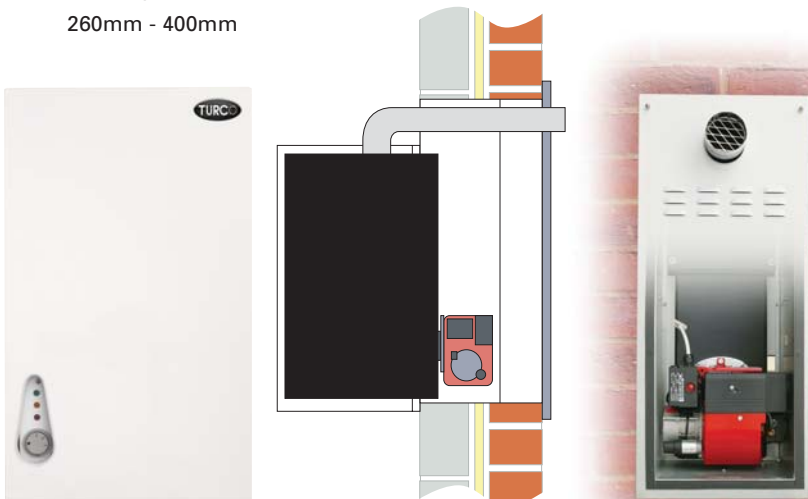
Beautifully designed to release valuable floor space and available in both internal and external models, the compact Diplomat wall-mounted oil-fired boilers incorporate an extremely quiet-running Sterling burner. What's more, the burner and flue are accessible from outside your property; thus enabling an engineer to service or maintain the units without the consumer even being at home.

Diplomat - Internal Model

- Compact size saves space in your property
- Sterling burner means very quiet running
- Available in outputs of 50,000 - 90,000 Btu's
- Telescopic wall duct from 260mm - 400mm

50/70 Internal Boiler	
Height	857mm
Depth	386mm
Width	400mm
Rating minimum	50,000 BTU/14.7kW
Rating maximum	70,000 BTU/20.6kW
Flow & return connections	1" BSP
Electrical supply	240V - 50Hz
Oil supply connection	1/4" BSP
Fuel	Kerosene (28 seconds)
Maximum control thermostat setting	85°C
Maximum operating pressure	3 Bar
Water content	13.9 Ltrs
Total boiler weight	99 Kgs
Fitted hi-limit stat	
Fitted frost stat	

70/90 Internal Boiler	
Height	857mm
Depth	386mm
Width	400mm
Rating minimum	70,000 BTU/20.6kW
Rating maximum	90,000 BTU/26.5kW
Flow & return connections	1" BSP
Electrical supply	240V - 50Hz
Oil supply connection	1/4" BSP
Fuel	Kerosene (28 seconds)
Maximum control thermostat setting	85°C
Maximum operating pressure	3 Bar
Water content	13.9 Ltrs
Total boiler weight	99 Kgs
Fitted hi-limit stat	
Fitted frost stat	





TURCO



TURCO Countryman
Outdoor boilers

50/70 Combi Boiler	
Height	878mm
Depth	630mm
Width	765mm
Heating return system & combi in BSP	1"
Combi heating flow	22
Combi safety relief valve	15
Domestic hot water	15
Cold mains supply	15
Boiler weight in(kg)	160

70/90 Combi Boiler	
Height	878mm
Depth	630mm
Width	765mm
Heating return system & combi in BSP	1"
Combi heating flow	22
Combi safety relief valve	15
Domestic hot water	15
Cold mains supply	15
Boiler weight in(kg)	165

90/115 Combi Boiler	
Height	916mm
Depth	630mm
Width	565mm
Heating return system & combi in BSP	1"
Combi heating flow	22
Combi safety relief valve	15
Domestic hot water	15
Cold mains supply	15
Boiler weight in(kg)	175

50/70 & 70/90 System Boilers	
Height	878mm
Depth	630mm
Width	765mm
System boiler heating flow	22
Heating return system & combi in BSP	1"
Boiler weight in(kg)	120

50/90 Standard Boiler	
Height	878mm
Depth	630mm
Width	765mm
Standard outdoor water connections in BSP	4x1
Boiler weight in(kg)	110

90/120 Standard Boiler	
Height	878mm
Depth	630mm
Width	765mm
Standard outdoor water connections in BSP	4x1
Boiler weight in(kg)	130

General Data	
Electrical supply	240v-50Hz
Oil supply connection	1/4" BSP
Fuel	28 second or 35 second
High limit stat	manual reset
Maximum control thermostat setting	85°C
Expansion vessel capacity	12 Litres
Maximum operating pressure	3 Bar

power and independence

Ideal where space is at a premium, or if you don't want the boiler in the house the Countryman has been designed to be sited outside the home. Housed in a free standing heavy-duty, frost protected, insulated weatherproof case complete with integral flue it's also exceptionally easy to install and service.

- All pipe work and components are factory fitted where applicable
- Like all TURCO boilers, it complies with all the latest building regulations
- With a lockable access panel at the front the Countryman is easy to service and maintain



Dual Thermostat



Grundfos Pump



Sterling Burner