



PRODUCT SPECIFICATION SHEET

TIGERLOOP COMBI DEAERATOR

BRAND:

SPXFLOW

TOP SPEC:

Max Flow
230lph

PAGE

1/2

Product Description

The Tigerloop Combi Deaerator is for external mounting only. This device is not permitted for indoor installation as it vents contaminated air into its surrounding environment, this could create explosion or health hazards in confined spaces and therefore must be fitted on the outside wall of any premises. For situation where the boiler is not mounted to the perimeter wall, such as the **Tigerloop BIO** or the **GOK GS2000** (see separate listings).

Similar to the basic Tigerloop Original, but featuring a disposable 15 Micron Particulate Filter.

The new Combi Bio 3 design also comes with a control valve and an optional integrated vacuum gauge for full control and easy troubleshooting.

When purchasing please select which option you need. Combi Bio (just control valve) or Combi Bio +G (Control valve & Vacuum gauge).

A Tigerloop makes a one-pipe system possible for all types of oil heating installations helping to ensure environmental safety, cost effectiveness and reliability.



Main Features

- Max Nozzle Capacity - 110lph
- Max Return Oil Pumped In To The Tigerloop - 120lph
- Max/Min Operating Pressure In The Feed Line - +0.5 to -0.6 Bar
- Max De-Aerating Capacity - 8lph
- Max Flow - 230lph
- Max Operating Temperature - 60°C

Other Features

- 15 Micron Disposable Element
- Kerosene and Oil
- Pump Connection - 1/4" F BSP
- Tank Connection - 3/8" F BSP

Additional Information & Extras

Tigerloop Combi Deaerator	TL61101-C
Tigerloop External Fitting Kit	TL6052
Spare 50-70 Micron Filter	TL61101-F
Replacement O-Ring	PTF105

NEED MORE INFORMATION?

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SKU: TL61101-C

PAGE

2/2

OWN TWO-PIPE CIRCULATION

An oil pump delivers the same amount of oil irrespective of what is actually needed for combustion.

In the case of a normal domestic burner, only 5% of the delivered oil is actually burned in combustion. The remaining 95% is transported by a two-pipe system back to the oil tank.

With a Tigerloop automatic oil de-aerator no oil needs to be transported back to the tank.

The oil that is not burned in combustion is lead back to the Tigerloop where it is de-aerated again and again automatically.

For this reason only the amount of oil to be burned in combustion is sucked from the oil tank.

EFFECTIVE DEAERATION

In an oil heating system using a Tigerloop, all oil passes through the automatic oil de-aerator, which effectively removes all gas/air bubbles from the system.

This eliminates oil pump and nozzle problems associated with gas/air in the oil.

PRE-HEATED OIL

A one-pipe system with Tigerloop Deaerator increases the oil pump capacity. Moreover, the oil is actually preheated to at least room temperature as friction in the oil pump generates heat. This eliminates problems with cold oil giving cleaner combustion and reduced oil consumption.

MINIMUM DIRT/SLUDGE

The oil flow in a one-pipe system is minimal due to the fact that only the amount of oil burned needs to be drawn up from the tank. For this reason very little dirt/sludge is transported from the oil tank. This reduces the risk for clogged oil filters and burner nozzles.

Filtration is more effective, soot build up is reduced and filter life is extended.



Spare 50-70 Micron Filter (TL61101-F)



Tigerloop External Fitting Kit (TL6052)

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