



PRODUCT SPECIFICATION SHEET

TIGERLOOP BIO DEAERATOR

BRAND:

SPXFLOW

TOP SPEC:

Max Flow
230lph

PAGE

1/2

Product Description

A de-aerator with all the benefits of a Tigerloop Original that can be fitted internally. With the addition of a simple to fit 10mm vent pipe the removed air can be vented safely to the outside, ensuring only pure oil is passed through to the burner.

Compatible with Bio Oil and Mineral Oil (made to standard). Optional fitting kit available.

The Tigerloop Bio model is constructed externally of metal materials making it suitable for both indoor and outdoor installation in the UK & IE. The Tigerloop automatically and continuously de-aerates the fuel by venting to the atmosphere. This is the only way to prevent air or gas bubbles, which form during suction of oil from the tank, from entering the burner. This proven method of de-aeration ensures the best possible efficiency for the heating system.

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

Other Features

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

Additional Information & Extras

Tigerloop Bio Deaerator	Part Number: TL7000
Tigerloop Bio Fitting Kit	Part Number: TL6051

NEED MORE INFORMATION?

- 01373 822220
- sales@atkinsonequipment.com
- www.atkinsonequipment.com

Tigerloop Bio Deaerator
SKU: TL7000

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.



Tigerloop Bio Fitting Kit (TL6051)

NEED MORE INFORMATION?

○ 01373 822220

○ sales@atkinsonequipment.com

○ www.atkinsonequipment.com