



PRODUCT SPECIFICATION SHEET

TIGERLOOP BIO COMBI DEAERATOR

BRAND:

SPXFLOW

TOP SPEC:

Max Flow
230lph

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Product Description

The New Tigerloop Bio Combi is developed for Biofuel (Bio-liquids) produced to EN 14213, Heating Oil and C2 Kerosene. Also suitable for blends of the same of up to B100. The Tigerloop Combi Bio offers several advantages thanks to the integrated filter. It allows the possibility of choosing different filter inserts depending on the need. The installation is done with fewer connections, simplifying work and reducing the risk for leakage.

The Tigerloop Bio Combi offers several advantages thanks to the integrated filter. It allows the possibility of choosing different filter inserts depending on the need. The installation is done with fewer connections simplifying work and reducing the risk for leakage. 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 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

- Installation is done with fewer connections
- Integrated filter and optional vacuum gauge
- Automatic de-aerator for oil burner
- Developed for Biofuel (bio-liquids)

Additional Information & Extras

Tigerloop Bio Combi Deaerator	TL7000-C
Tigerloop External Fitting Kit	TL6052
Replacement 100-150 Micron Filter	TL7000-CG
Tigerloop Bio Combi Deaerator + Gauge	PTF105

NEED MORE INFORMATION?

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Tigerloop Bio Combi Deaerator
SKU: TL7000-C

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 Combi Deaerator + Gauge
(TL7000-CG)



Tigerloop External Fitting Kit
(TL6052)

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