



PRODUCT SPECIFICATION SHEET

TIGERLOOP BIO TWIN DEAERATOR

BRAND:

SPXFLOW

TOP SPEC:

Comes w/Filter Bowl & Filter Element

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Product Description

In an oil heating system using a Tigerloop Bio Twin Deaerator, 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.

The Tigerloop Twin is comprised of two units of bio Tigerloops conveniently connected in parallel and combined with a separate oil filter. The oil filter (tank connection) can be installed on either side of the unit. The Tigerloop Twin is for larger capacity burners up to 2000 kW.

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

- Doubles the de-aeration capacity in one easy to install, perfectly balance unit
- Installation is done with fewer connections
- Comes complete with filter bowl and filter element in box
- Tank connection - 3/8"
- Maximum operating Temperature of 60°C
- Automatic de-aerator for oil burner
- Pump Connection - 1/2"

Additional Information & Extras

Tigerloop Bio Twin Deaerator	TL7000-T
Tigerloop External Fitting Kit	TL6051



Tigerloop External Fitting Kit (TL6051)

NEED MORE INFORMATION?

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

Tigerloop Bio Twin Deaerator
SKU: TL7000-T

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.

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