



PRODUCT SPECIFICATION SHEET

TIGERLOOP PLUS DEAERATOR

BRAND:

SPXFLOW

TOP SPEC:

Max Flow
230lph

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Product Description

In an oil heating system using a Tigerloop Plus, 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 Plus has been developed to meet the highest demands for cleaner air-free oil. The flagship of the Tigerloop range, the smart, all-in-one design includes a vacuum gauge for full control and simple troubleshooting, a shut off valve for easy service and a Spin-on paper filter for the toughest filtration needs. This unit has an extremely large filtration area of 1850 cm² with a filtration grade of 20 microns.

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

- Includes vacuum meter, shut-off valve and spin-on paper filter.
- Installation is done with fewer connections
- developed to meet the highest demands for cleaner air-free oil
- Automatic de-aerator for oil burner
- Pump & Tank Connection - 1/4" F
- Max Operating Temperature - 60°C

Other Features

| | |
|--------------------------------|---------------------------------|
| • Nozzle Capacity - 110lph | • De-aerating capacity - 8lph |
| • Oil Flow - 230lph | • Max/Min Pressure of +0.5/-0.6 |
| • Pump Connection - 1/4"F BSP | • Outlet Connection 1"4F BSP |
| • Filtration Grade - 20 Micron | |

Additional Information & Extras

| | |
|--------------------------------|------------|
| Tigerloop Plus Deaerator | TL61101-P |
| Tigerloop External Fitting Kit | TL6052 |
| Replacement 20 Micron Filter | TL61101-PF |

NEED MORE INFORMATION?

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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 External Fitting Kit
(TL6052)

NEED MORE INFORMATION?