

Tigerloop®

OIL DEAERATORS

COMPATIBLE WITH TRADITIONAL
& RENEWABLE FUELS

PRODUCT SHEET

Description:

Tigerloop® oil deaerators eliminate many common oil heating problems which prevent a burner from operating at peak performance by removing air from the system, delivering foam-free fuel to the nozzle and reducing issues caused by cold fuel — benefits which ultimately provide for cleaner, maximized combustion.

Located in North Ridgeville, Ohio, R.W. Beckett has produced liquid fuel burners for residential and commercial applications since 1937. Expanding into other areas of heating and air conditioning, Beckett products can now be found in over 50 million homes in North America. From Tank to Flame, trust Beckett products for years of safe, clean and reliable performance of our burners, controls, tank accessories, and service components.



The Most Advanced Oil Deaerator in the World

With its unmatched performance, Tigerloop® can handle capacities up to 50 GPH and is compatible with different heating fuels, depending on the model. The standard model is compatible with #1 and #2 heating oil and B5 Bioheat, while the Bio model accepts biofuel blends up to B100. Catering to many needs, our oil deaerator is also a safe, economical, and environmentally friendly choice for all supply systems.

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Tigerloop Advantages

- Removes air bubbles and foam from the fuel.
- Combines the benefit of a two-pipe fuel supply with a single-pipe.
- Reduces potential leak hazard by eliminating the return line to the tank.
- Extends filter life by reducing fuel flow through the filter.
- Preheats the fuel up to 25°F for better combustion.

Features

- Select models UL Listed
- Dual chamber design for maximum air removal.
- Tough aluminum castings – Compatible with renewable fuels.
- Models available with integral filter.
- High capacity model for burners up to 50 gph.
- Cold temperature model for applications to -40°F.

| Model | Description | Capacity | Filter |
|---------|--|----------|--------|
| S220 | Tigerloop TN – UL Listed | 29gph | N |
| S220-1 | Tigerloop Bio Rated to B100 (100% Biodiesel) | 29gph | N |
| S220-17 | Tigerloop LT for Low Temperature | 29gph | N |

| | | | |
|--------|--|-------|----------|
| S220-8 | Tigerloop Ultra – With Spin-On Filter - UL Listed | 29gph | Y |
| S220-9 | Tigerloop Ultra-B – With Filter and Bio Rated to B100 (100% Biodiesel) | 29gph | Y - B100 |
| S220-3 | Tigerloop Combi 3 – With sintered plastic element | 29gph | Y |

| | | | |
|---------|--|-------|---|
| S220-15 | Tigerloop Twin – For higher firing rates - with filter | 52gph | Y |
|---------|--|-------|---|

| Model | Description | Biodiesel Rating |
|---------|---|------------------|
| S220-24 | Flexible Fuel Line 1/4" MPT X 1/4" MPT – 24" Long | B5 |
| S220-36 | Flexible Fuel Line 1/4" MPT X 1/4" MPT – 36" Long | B5 |
| S222-36 | Flexible Fuel Line 3/8" Flare X 3/8" Flare (FXF) – 36" Long | B5 |
| S223-24 | Flexible Fuel Line 1/4" MPT X 1/4" MPT – 24" Long | B100 |
| S223-36 | Flexible Fuel Line 1/4" MPT X 1/4" MPT – 36" Long | B100 |
| S221-24 | Flexible Fuel Line 1/4" MPT X 1/4" BSPP – 24" Long (Riello) | B5 |
| S221-36 | Flexible Fuel Line 1/4" MPT X 1/4" BSPP – 36" Long (Riello) | B5 |

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|---------|---|--|
| S220-40 | Replacement Fitting – 3/8" Inv Flare X 1/4" MPT | |
| S220-50 | EZ Connect Fitting – 3/8" Fem Flare X 1/4" MPT | |



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