

OIL HEATING PARTS



PIONEER KOUPLING KING II™ (KK100)

Handy, single-unit "skin pack" includes a standard 5 inch long coupling assembly with a ½ inch motor cap end and a 7/16 and 5/16 inch pump end caps. The right combination for most domestic oil burners! Easily stored and displayed on a peg board rack! Simplified installation instructions printed on the reverse side of each card. The tough urethane body connector means maximum resistance to humidity, oil, ozone, most chemicals, and temperatures from -40°F to 180°F. Unsurpassed quality and built in the USA.

FIROMATIC FUSIBLE VALVES



**B-100-F inline oil valve:
3/8 FIP x 3/8 FIP**



**B-105-F inline oil valve:
3/8 flare x 3/8 flare**



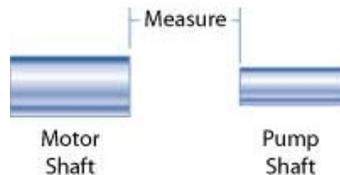
**B-200-F inline oil valve:
1/2 FIP x 1/2 FIP**

- Designed to minimize fire hazards in oil heat applications
- When ambient temperature reaches +165°F, valves automatically close and shut off fuel supply to burner
- Can also be operated manually as required
- Double seal and backseat feature prevents leaks at the stem

NYLO-FLEX™ COUPLING

Nylo-Flex™ is the stress free, self-aligning, coupling specified in original equipment.

- mounts without screws
- drives from the shaft flats
- fast, simple installation
- quiet, trouble-free operation



1. Measure the free distance between the motor and pump shafts
2. Cut to length (free distance plus 1¼")
3. Assemble end fittings
4. Snap in place



**Available in: 30" lengths
Ends available in: ½", 7/16", 5/16"**

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SUNTEC MINI PUMPS

- recommended for single-pipe installations to 6" Hg. vacuum or two-pipe installations to 12" Hg. vacuum
- lift or gravity feed applications with 10PSI max inlet/return pressure
- on one pipe lift installations, the lift is not to exceed 8'
- suitable for kerosene, No. 1 or No. 2 fuel oil
- may be mounted in any position
- flange mounting type
- pressure factory set at 100PSI (adjustable from 100-150PSI)



RPM	Rotation	Nozzle Port Location	Strainer & Nozzle Rating @ 100psi	Features	Description	Part Number
New Oil Pumps						
1725	R.H	R.H	3 gph	Diaphragm valve, lip seal, positive drive	CWRHF	A1VA7112-N
1725	L.H	L.H	3 gph	Diaphragm valve, lip seal, positive drive	CCWLHF	A1VC7114-N
1725	R.H	R.H	7 gph	Diaphragm valve, lip seal	CWRHF	A1YA7912-N
1725	R.H	L.H	7 gph	Diaphragm valve, lip seal	CWLHF	A1YB7913-N
3450	R.H	R.H	3 gph	Diaphragm valve, lip seal, positive drive	CWRHF	A2VA7116-N
3450	R.H	L.H	3 gph	Diaphragm valve, lip seal, positive drive	CWLHF	A2VB7117-N

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1A-25A is the perfect fuel filter for oil-fired heating appliances used in small to average sized homes and commercial buildings. It is ideal for final filtration in central fuel oil distribution systems. The 1A-25A may be used in one or two-pipe systems.



2A-700A is perfect for oil-fired furnaces in larger homes and commercial buildings. It may be used in one or two-pipe systems. Its large dirt capacity makes the 2A-700A ideal where heavy contamination of oil causes premature clogging of smaller filters.



The CGF-10 fuel filter is perfect for oil fired heating appliances used in small to average sized homes and commercial buildings. It is ideal for final filtration in central fuel oil distribution systems. The CGF-10 may be used in one or two-pipe systems.

SPECIFICATIONS:

Filtration: 10 micron

Pipe Thread: 3/8NPT – inlet/outlet

Pressure Rating: 12PSI

Firing Rate: 25 GPH

Rep. Cart.: K10GF



General Refills 1A30 and 2A-710 are crafted with special 'step design' wool felt elements. Special center core bone treatment eliminates lint. For filters 1A-25A and 2A-700A, they offer unsurpassed quality and dependability.

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The NG 3500-M nozzle guard with a 10 micron spin on fuel oil filter is perfect for keeping pumps and nozzles clean.



GF-100 tank gauge



GF-125 vent cap
GF-200 fill cap



GF-202 locking fill cap



GF-2126 tank whistle



The 78020 Fuel Oil Gauge Kit is a complete kit to determine pump efficiency, cut-off, suction, etc. This kit is also used to analyze or trouble shoot burner efficiency.

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TIGERLOOP® ORIGINAL

The world's leading automatic oil de-aerator
To be combined with a separate oil filter.



TIGERLOOP® PLUS

With combined spin-on paper filter, shut off valve and vacuum gauge

This unit has an extremely large filtration area of 1850cm² with a filtration grade of 20 microns.

TIGERLOOP ADVANTAGES:

- eliminate the risk of leakage in the return line
- reduce the flow of fuel, preserve quality of oil
 - less dirt/sludge transported in the system
 - better combustion, reduces oil consumption
- solves the problem of nozzle dripping causing soot build up
- provides the best possible operating conditions for pump
 - satisfied customers / reduces call backs
- easier installation - the installers save time and money

TECHNICAL DATA:

Max nozzle capacity	110 l/h
Max return oil pumped into the Tigerloop®	120 l/h
Max oil flow	230 l/h
Max de-aerating capacity	8 l/h
Max operating temperature	60°C
Max/Min operating pressure in feed line	+0.5 / -0.6 bar

APPLICATIONS:

The benefits of Tigerloop® are applicable anywhere you use a light oil burner.
For example:
Boilers (steam, thermal fluid heaters, hot air generators and hot water boilers)
Furnaces
Ovens (like bakery ovens)
Portable heaters
Driers (like agricultural dryers, food processing dryers, textile dryers)
Incinerators (non-ferrous melting, heat treatment and ceramic kilns)
Paint Shops (like automobile paint shops)
Road Construction (like Bitumen tank heating and hot mix plant)

APPROVALS & CONFORMITY:

Tigerloop® is TÜV approved, UL & ULC listed, TSSA approved and conforms to EN 12514-2, BS 5410, OFTEC T32 and CSA B 139-04