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We are proud to announce a new product line of Fuel Oil Pump and Heater Sets from Alstrom, the creators of advanced heat transfer equipment and systems. The product line includes both light and heavy fuel oil applications. These systems are designed for use in any commercial or industrial applications that require fuel oil for supplying boilers, burners, process equipment or emergency generators.

Our systems are completely skid mounted, pre-piped and wired, minimizing on-site installation time and expense.

“ALOPS” SERIES LIGHT FUEL OIL PUMP SETS

The Alstrom Series 'ALOPS' Light Fuel Oil Pump Sets are complete packaged assemblies available in Simplex or Duplex configurations. All our units are completely assembled, pre-tested and ready for operation.

Standard Features:

- Duplex arrangement with ball valves and check valves offering true pump isolation.
- Reliable pumps and name brand motors.
- Drip pan base that surround the entire pump set.
- Stainless Steel, liquid filled, suction and discharge gauges.
- Duplex strainer for uninterrupted service.
- External relief valves with dedicated return to tank piping for safety.
- Single or three phase motors.
- Complete functional and leak testing with test report.



Optional Equipment:

- Diaphragm type pressure regulator with three valve by-pass.
- External safety relief valves.
- Duplex basket strainer.
- Manual or Magnetic starters.
- UL listed components.
- Additional gauges.
- Pressure switch for automatic start of lag pump.
- Fusible link valves.
- Day tanks.
- High pressure gear pumps.
- Welded construction.

		50 PSI		100 PSI		150 PSI		250 PSI	
Boiler HP	Pump GPH	Model	Motor HP	Model	Motor HP	Model	Motor HP	Model	Motor HP
50	30	*-50-30	0.25	*-100-30	0.25	*-150-30	0.25	*-250-30	0.25
100	60	*-50-60	0.25	*-100-60	0.25	*-150-60	0.33	*-250-60	0.33
200	120	*-50-120	0.25	*-100-120	0.33	*-150-120	0.50	*-250-120	0.50
300	180	*-50-180	0.25	*-100-180	0.33	*-150-180	0.50	*-250-180	1.00
400	240	*-50-240	0.33	*-100-240	0.50	*-150-240	0.75	*-250-240	1.00
500	300	*-50-300	0.33	*-100-300	0.50	*-150-300	0.75	*-250-300	1.50
600	360	*-50-360	0.50	*-100-360	0.75	*-150-360	1.00	*-250-360	1.50
700	420	*-50-420	0.75	*-100-420	1.50	*-150-420	1.50	*-250-420	1.50
800	480	*-50-480	0.75	*-100-480	1.50	*-150-480	1.50	*-250-480	2.00
900	540	*-50-540	0.75	*-100-540	1.50	*-150-540	1.50	Custom Unit	--
1000	600	*-50-600	0.75	*-100-600	1.50	Custom Unit	--	Custom Unit	--

Notes:

Model designation: ALOPS - Oil Discharge Pressure – Pump GPH - D or S (Duplex or Simplex) – Motor V/Ph/Hz. Pump flow rate is based on two times boiler burn rate.

Standard motors are available in single or three phase, 1800 RPM or 1200 RPM, with open drip proof enclosure.

Custom Units, please contact your local Alstrom representative for a quotation on a custom unit.



**< eaj m i e` Ci` Di md Set
Series "AHOPS"**

"AHOPS" SERIES HEAVY FUEL OIL PUMP & HEATER SETS

The Alstrom Series 'AHOPS' Fuel Oil Pump and Heater Sets are engineered packaged assemblies for combustion preparation of heavy industrial grade oils such as No. 5 and No. 6 fuel oils, Bunker "C" oil and No. 4 fuel oil (where heating is required). Units available in different custom configurations to meet wide range of applications requirements.



Standard Features:

- Fabricated tubular steel drip rim base.
- Reliable and maintenance free rotary pumps.
- Steam and/or electric heaters.
- Suction manifold with vacuum gauge, gate valves, thermometer and duplex basket strainer.
- Discharge manifold with pressure gauge, gate valves, and check valves, external relief valves for pumps and heaters, and ther mometer.
- Factory performance and hydrostatic testing of each unit.

Optional Equipment:

- Diaphragm type pressure regulator with three valve by-pass.
- Duplex discharge basket strainer.
- Steam temperature regulating valve.
- ASME code construction heaters.
- Electric pre-heater.
- Manual or Magnetic starters.
- Pressure switch for automatic start of lag pump.
- Welded construction.
- Floor mounted condensate return unit.



GPH Burn- ing Rate	Pump GPH	Boiler HP	Lbs. Steam per hour	Inlet Size	Discharge Size	Recommended Suction Line Size (150 ft. or under)	Recommended Discharge Line Size (150 ft. or under)	Steam Supply Size Min. I.P.S.	Temperature Regulator Size (100 PSI avg. Steam Press.)
60	84	200	7,200	1-1/2"	1"	1-1/2"	1	1/2"	1/2"
120	180	400	14,400	1-1/2"	1"	2"	1-1/4"	1/2"	1/2"
180	270	600	21,600	1-1/2"	1"	2"	1-1/4"	1/2"	1/2"
240	348	800	28,800	1-1/2"	1"	2-1/2"	1-1/2"	3/4"	1/2"
300	396	1000	36,000	2"	1-1/4"	2-1/2"	1-1/2"	3/4"	3/4"
360	540	1200	43,000	2"	1-1/4"	3"	2"	3/4"	3/4"
480	660	1600	57,600	2"	1-1/4"	3"	2"	3/4"	3/4"
600	780	2000	72,000	2-1/2"	1-1/2"	3"	2"	1"	3/4"
900	1200	3000	108,000	2-1/2"	1-1/2"	3"	2"	1"	1"
1200	1560	4000	144,000	3"	2"	4"	2-1/2"	1"	1"
1800	2400	6000	216,000	4"	2-1/2"	4"	2-1/2"	1-1/4"	1"
2400	3120	8000	288,000	4"	3"	5"	3"	1-1/2"	1-1/4"
3000	3900	10000	360,000	5"	3"	5"	3"	2"	1-1/2"

Notes:

Model designation: AHOPS - Oil Discharge Pressure - Pump GPH - D or S (Duplex or Simplex) – Preheater Model - Motor V/Ph/Hz