

**< 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