

# Alfa-Therm



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ISO- 9001 : 2000

AUTOMATIC

# BURNERS





## HEAVY / FURNACE OIL BURNERS



### Technical Specifications:

MODEL	UNIT	FO-10	FO-14
Thermal Power Fuel	Kcal/hr	50000-80000 Heavy Oil Max 5° E a 50° c	70000-150000 Heavy Oil Max 5° E a 50° c
Fuel Delivery	Kg/hr	5.1 - 8.2	7.1 - 15.3
Motor Power	Watt	250	250
Firing Stage		1	1
Pump Pressure		22 Bar Standard Max 28 Bar	22 Bar Standard Max 28 Bar
Electric Supply		Single Phase, 220Volts (-15% + 10%) 50Hz.	Single Phase, 220Volts (-15% + 10%) 50Hz.



MODEL	UNIT	FO-20	FO-30
Thermal Power Fuel	Kcal/hr	125000-250000 Heavy Oil Max 5° E a 50° c	150000-300000 Heavy Oil Max 5° E a 50° c
Fuel Delivery	Kg/hr	12.7-25.5	15.3 - 30.3
Motor Power	Watt	550	550
Firing Stage		1	1
Pump Pressure		22 Bar Standard Max 28 Bar	22 Bar Standard Max 28 Bar
Electric Supply		Three Phase, 415 Volts (-15% + 10%) 50Hz.	Three Phase, 415 Volts (-15% + 10%) 50Hz.

MODEL	UNIT	FO-40	FO-40 / 2
Thermal Power Fuel	Kcal/hr	190000-440000 Heavy Oil Max 5° E a 50° c	190000-440000 Heavy Oil Max 5° E a 50° c
Fuel Delivery	Kg/hr	20 - 45	20 - 45
Motor Power	Watt	1100	1100
Firing Stage		1	2
Pump Pressure		22 Bar Standard Max 28 Bar	22 Bar Standard Max 28 Bar
Electric Supply		Three Phase, 415 Volts (-15% + 10%) 50Hz.	Three Phase, 415 Volts (-15% + 10%) 50Hz.



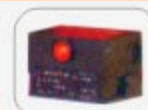
Fuel Pump



Motor



Transformer



Control Box



Solenoid Valve



Nozzle

Ready availability  
of all parts

Assured after sales  
services

## LIGHT / DIESEL OIL BURNERS

### Technical Specifications:

MODEL	UNIT	LO - 5	LO-10	LO-14
Fuel oil delivery	[kg/h]	2-5	5-10	7-14
Firing stage		1	1	1
Thermal power	[Kcal/h]	20,400-51,000	51,000-1,02,000	71,400-1,42,000
Thermal Power	[kw]	59.2	59.2-119	83-165
Motorpower	[W]	125	150	150
Encl		TENV	TENV	TENV
Fuel		Light-oil	Light-oil	Light-oil
Pump Pressure		10-12 bar (standard calibration). Max.pressure 15 bar		
Electrical supply		single phase 220V(-15%+10%)50Hz.		



MODEL	UNIT	LO - 20	LO - 30
Fuel oil delivery	[kg/h]	10 - 20	14 -28
Firing stage		1	1
Thermal power	[Kcal/h]	1,02,000-2,04,000	1,42,000- 2,85,000
Thermal Power	[kw]	118-236	165-331
Motor power	[W]	240	240
Encl		TENV	TENV
Fuel		Light-oil	Light-oil
Pump Pressure		10-12 bar (standard calibration). Max.pressure 15 bar	
Electrical supply		single phase 220V(-15%+10%)50Hz.	



MODEL	UNIT	LO - 40	LO - 40 / 2	LO - 60 / 2
Fuel oil delivery	[kg/h]	20-40	20-40	30-60
Firing stage		1	2	2
Thermal power	[Kcal/h]	2,04,000-4,08,000	2,04,000-4,08,000	3,060,00-6,12,000
Thermal Power	[kw]	236-473	236-473	355-710
Motorpower	[W]	380	380	740
Encl		TEFC.	TEFC	TEFC
Fuel		Light-oil	Light-oil	Light-oil
Pump Pressure		10-12 bar (standard calibration). Max.pressure 15 bar		
Electrical supply		Three phase 440V(-15%+10%)50Hz.		

MODEL	UNIT	LO - 70 / 2	LO - 100 / 2
Fuel oil delivery	[kg/h]	35-70	40-100
Firing stage		2	2
Thermal power	[Kcal/h]	3,57,000-7,14,000	4,08,000-10,20,000
Thermal Power	[kw]	413-826	473-1180
Motorpower	[W]	1100	2200
Encl		TEFC.	TEFC
Fuel		Light-oil	Light-oil
Pump Pressure		10-12 bar (standard calibration), Max. pressure 15 bar	
Electrical supply		Three phase,440V (-15%+10%) 50Hz.	



We reserve the right to change any specifications without prior notice.



**Alfa-Therm**

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