

# NOE/F/G100-125-150

## Heavy Oil Burner 1708kW - 4129kW



### NOE/NOF/NOG Heavy Oil Burner features:

- Burner mounted control panel
- 2 stage control (high/low)
- NOE - Class 'E' oil 8 cSt @ 100°C
- NOF - Class 'F' oil 20 cSt @ 100°C
- NOG - Class 'G' oil 40 cSt @ 100°C
- Air damper: NOE - hydraulic  
NOF - hydraulic  
NOG - electric motor fully closing
- Oil Heater - Included with burner to heat oil for atomisation  
Burner mounted for high/low control, and for modulating control  
(Intermittent operation on NOG during standby to maintain oil temperature to valve manifold for immediate restart)
- All burners require a pre-heated ring-main oil supply, minimum temperature @ 16°C for Class 'E' oil, 43° for Class 'F' oil and 83°C for Class 'G' oil.
- All kW ratings are nett CV
- Quiet in operation and designed for easy maintenance
- Suitable for high resistance boilers
- Industry standard components easily available
- Optional Extras: Modulating control  
Air inlet silencer  
Fully closing air damper (NOE and NOF)  
Hot oil circulation to nozzles with tip shut off  
Acoustic cover (wheel-over)  
Water level control panel (AOTC)  
Separate floor-standing oil pumping and heating unit

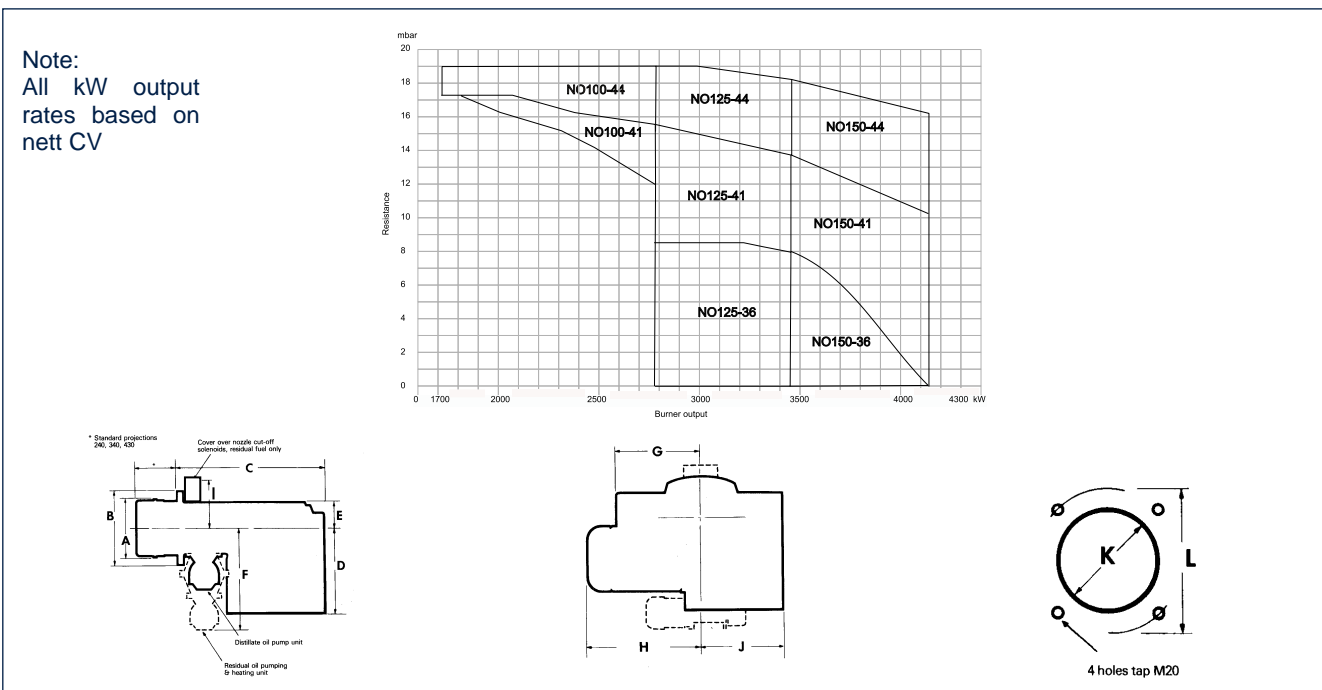


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Type		NOE/F/G100		NOE/FG125			NOE/F/G150		
Capacity	kW	1708-2768		2768-3453			3453-4129		
Motor	V/ph/Hz	380-420 / 3 / 50		380-420 / 3 / 50			380-420 / 3 / 50		
		<b>100-41</b>	<b>100-44</b>	<b>125-36</b>	<b>125-41</b>	<b>125-44</b>	<b>150-36</b>	<b>150-41</b>	<b>150-44</b>
	kW	11	15	7.5	11	11	7.5	11	15
Pre-Heater	kW	7.5	7.5	9.0	9.0	9.0	12.0	12.0	12.0
Start current	A/each phase	82.5	82.5	69.5	84.5	84.5	88.7	88.7	100
Run current	A/each phase	33.3	33.3	28.1	35.3	35.3	39.5	39.5	46.5
Cable size	mm <sup>2</sup>	16	16	10	10	10	16	16	16
Fuse		50	50	40	40	40	60	60	60
Control unit		LAL		LAL			LAL		
Fuel pump		Danfoss		Danfoss			Danfoss		
Oil Pump Motor	kW	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Fuel connection	inch	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Pressure gauge		•	•	•	•	•	•	•	•
Control options		2 Stage / Mod		2 Stage / Mod			2 Stage / Mod		
Noise @ 1m	dBA	91	92	90	91	92	91	92	92
Gross weight	kg	318	318	318	318	318	318	318	318
Volume	m <sup>3</sup>	1.872	1.872	1.872	1.872	1.872	1.872	1.872	1.872

• Standard  
Other electrical supply options available on request.



Burner	A	B	C	D	E	F	G	H	I	J	K	L PCD
<b>NOG100-41</b>	325	420	910	500	145	600	535	545	275	435	330	454
<b>NOG100-44</b>	325	420	910	500	145	600	535	545	275	435	330	454
<b>NOG125-36</b>	325	420	910	500	145	600	535	545	275	435	330	454
<b>NOG 125-41</b>	325	420	910	500	145	600	535	640	275	435	330	454
<b>NOG125-44</b>	325	420	910	500	145	600	535	640	275	435	330	454
<b>NOG150-36</b>	325	420	910	500	145	600	535	640	275	435	330	454
<b>NOG150-41</b>	325	420	910	500	145	600	535	640	275	435	330	454
<b>NOG150-44</b>	325	420	910	500	145	600	535	640	275	435	330	454

Enertech Limited, Ten Acres, Berry Hill Industrial Estate,  
Droitwich Spa, Worcestershire, WR9 9AQ



tel: +44 (0) 1905 794331 • fax: +44 (0) 1905 794017  
email: info@nu-way.co.uk • web: www.nu-way.co.uk

Enertech Group  
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