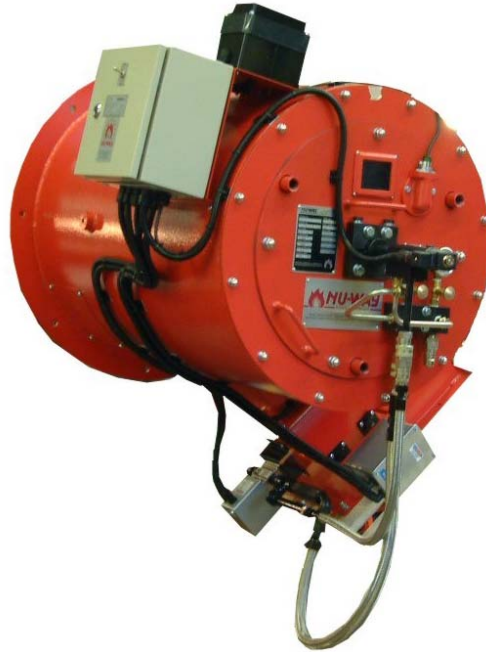


PO490 Oil Burner



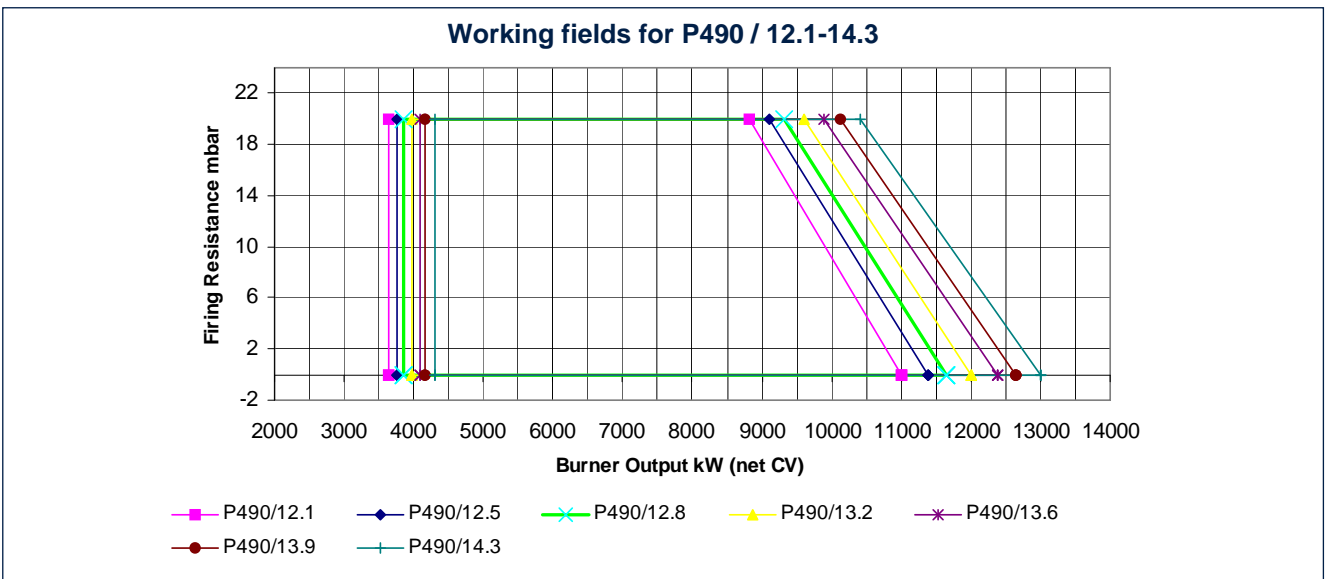
PO490 Oil Burner features:

- Available configured for distillate or residual oils, other liquid fuels on request
- Applications include steam and high pressure hot water boilers, as well as more diverse processes such as rotary dryers
- Separate floor-mounted combustion air fan unit
- Pressure atomisation (no compressed air or steam required)
- Fully modulating operation as standard
- Factory-set spillback pressures for straightforward commissioning
- Skid mounted oil pump and heater sets for easy installation
- Microprocessor based Autoflame burner management
- Linkageless fuel/air ratio management for up to 4:1 turndown
- Optional Extras:
 - Exhaust gas analysis for passive monitoring of emissions
 - Oxygen trim for improved emissions control
 - Variable speed drive combustion fan for improved electrical efficiency
 - Air inlet silencer (<85 dBA)
 - Non Autoflame mechanical linkage
 - Separate or integrated water level controls for steam boiler
 - Data Transfer Interface (DTI)
- Optional air handling configurations available to suit appliance
- All KW ratings are nett CV

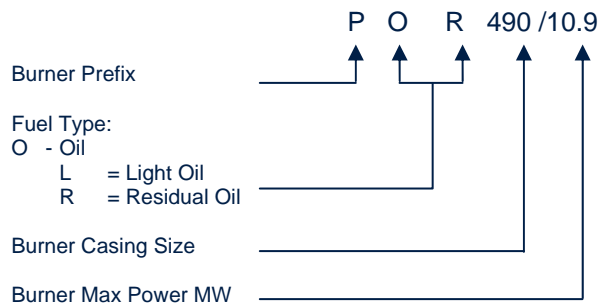


For more information on all Nu-way products
please visit www.nu-way.co.uk

Model PO		490/12.1	490/12.5	490/12.8	490/13.2	490/13.6	490/13.9	490/14.3
Output (nett CV)	MW	10.9	11.2	11.5	11.9	12.2	12.5	12.9
Fan Size	kW	30	30	30	30	30	30	30
Pump Motor (Distillate Fuel)	kW	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Pump Motor (Residual Fuel)	kW	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Pre-heater (Residual Fuel only)	kW	54	54	54	54	54	54	54
Electrical Supply	V/Hz	400/50	400/50	400/50	400/50	400/50	400/50	400/50
Oil inlet pressure	psi	5 to 10	5 to 10	5 to 10	5 to 10	5 to 10	5 to 10	5 to 10
Fuel pump		T5	T5	T5	T5	T5	T5	T5
Operation		Fully Modulating	Fully Modulating	Fully Modulating	Fully Modulating	Fully Modulating	Fully Modulating	Fully Modulating
Control Unit		Autoflame Mini Mk7	Autoflame Mini Mk7	Autoflame Mini Mk7	Autoflame Mini Mk7	Autoflame Mini Mk7	Autoflame Mini Mk7	Autoflame Mini Mk7
Turndown		up to 4:1	up to 4:1	up to 4:1	up to 4:1	up to 4:1	up to 4:1	up to 4:1
Flame Monitor		UV Sensor	UV Sensor	UV Sensor	UV Sensor	UV Sensor	UV Sensor	UV Sensor
Flame tube lengths	mm	430/610	430/610	430/610	430/610	430/610	430/610	430/610
Noise	dBA	96	96	96	96	96	96	96
NOx	mg/kWh	200-280	200-280	200-280	200-280	200-280	200-280	200-280
CO	mg/kWh	<110	<110	<110	<110	<110	<110	<110



BURNER DESIGNATION



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