

# PDF575 Dual Fuel Burner



## PDF575 Dual Fuel Burner features:

- Available configured for Natural Gas or LPG combined with distillate or residual oils, other 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
- Pressure atomisation (no compressed air or steam required)
- Skid mounted oil pump and heater sets for easy installation
- Fully modulating operation as standard on both fuels
- Microprocessor based Autoflame sequence control
- Separate and air mapping for both fuels
- Integrated PID control for accurate response to demand
- Linkageless fuel/air ratio management for up to 7:1 turndown (gas) and 4:1 turndown (oil)
- 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 and gas monitoring configurations available to suit appliance
- All kW ratings are in nett CV

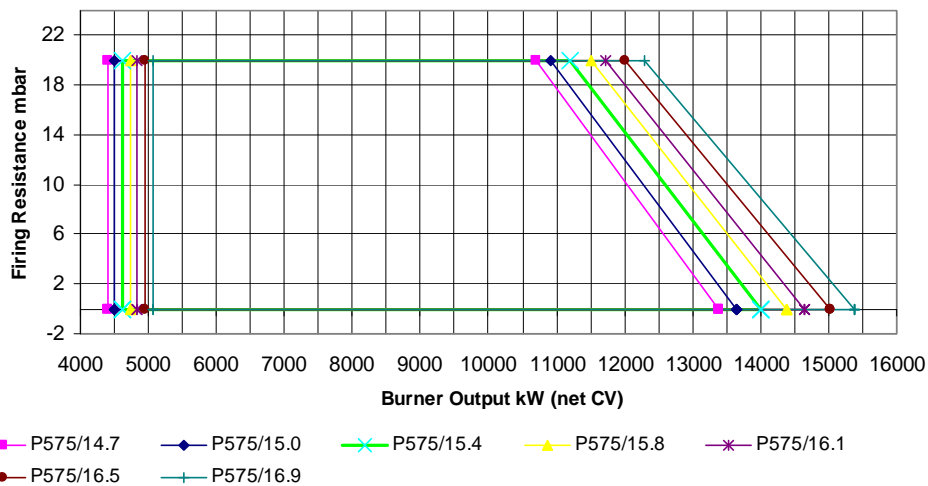


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Model PDF		575/14.7	575/15.0	575/15.4	575/15.8	575/16.1	575/16.5	575/16.9
<b>Output (nett CV)</b>	MW	13.2	13.5	13.9	14.2	14.5	14.9	15.2
<b>Fan Size</b>	kW	45	45	45	45	45	45	45
<b>Pump Motor (Distillate Fuel)</b>	kW	5.5	5.5	5.5	5.5	5.5	5.5	5.5
<b>Pump Motor (Residual Fuel)</b>	kW	5.5	5.5	5.5	5.5	5.5	5.5	5.5
<b>Pre-heater (Residual Fuel only)</b>	kW	54	54	54	54	54	54	54
<b>Electrical Supply</b>	V/Hz	400/50	400/50	400/50	400/50	400/50	400/50	400/50
<b>Oil inlet pressure</b>	psi	5 to 10	5 to 10	5 to 10	5 to 10	5 to 10	5 to 10	5 to 10
<b>Gas inlet pressure (min/max)</b>	mbar	140/300	140/300	140/300	140/300	140/300	140/300	140/300
<b>Gas train inlet conn.</b>		PN16 DN125	PN16 DN125	PN16 DN125	PN16 DN125	PN16 DN125	PN16 DN125	PN16 DN125
<b>Operation</b>		Fully Modulating Autoflame Mini Mk7	Fully Modulating Autoflame Mini Mk7	Fully Modulating Autoflame Mini Mk7	Fully Modulating Autoflame Mini Mk7	Fully Modulating Autoflame Mini Mk7	Fully Modulating Autoflame Mini Mk7	Fully Modulating Autoflame Mini Mk7
<b>Control Unit</b>		Fully Modulating Autoflame Mini Mk7	Fully Modulating Autoflame Mini Mk7	Fully Modulating Autoflame Mini Mk7	Fully Modulating Autoflame Mini Mk7	Fully Modulating Autoflame Mini Mk7	Fully Modulating Autoflame Mini Mk7	Fully Modulating Autoflame Mini Mk7
<b>Gas Turndown</b>		up to 7.0	up to 7.0	up to 7.0	up to 7.0	up to 7.0	up to 7.0	up to 7.0
<b>Oil Turndown</b>		up to 4.0	up to 4.0	up to 4.0	up to 4.0	up to 4.0	up to 4.0	up to 4.0
<b>Flame Monitor</b>		UV Sensor	UV Sensor	UV Sensor	UV Sensor	UV Sensor	UV Sensor	UV Sensor
<b>Flame tube lengths</b>	mm	430/610	430/610	430/610	430/610	430/610	430/610	430/610
<b>GAS Noise</b>	dBA	92	92	92	92	92	92	92
<b>NOx</b>	mg/kWh	140-190	140-190	140-190	140-190	140-190	140-190	140-190
<b>OIL Noise</b>	dBA	96	96	96	96	96	96	96
<b>NOx</b>	mg/kWh	200-280	200-280	200-280	200-280	200-280	200-280	200-280
<b>CO</b>	mg/kWh	<110	<110	<110	<110	<110	<110	<110

Working fields for P575 / 14.7 - 16.9



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Issue 1 11/11