P520/13
specification.

remeha

Further information can be found at **remeha.co.uk/documents**

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Overview	P520
Rated output kW	754
Weight (dry) kg	3000
Overall dim WxHxD mm	1172 x 1760 x 1955
Radiated losses %*	0.08
Efficiency % : NCV full load (3)	90.7
Seasonal efficiency : % GCV	84.1

Burner type – pressure jet	
Fuel available	Nat gas
Fuel consumption : max	Check burner details
Noise levels dB(A)	Check burner details
Min op gas press mbar	Check burner details

Flue/Air inlet	
Diameter mm	350
Flue type	Conventional
Chamber resist mbar	+2.2
Flue gas flow kg/hr gas : (1)	1120
Flue gas flow kg/hr oil : (1)	1070
Flue gas temperature °C: (2)	< 190

Control/options	
Standard	Optional
On/off thermostat High limit thermostat High/low indication Temperature indication Volt-free run/lock indication Three-position switch auto/man/test L/O lamp On/off switch 10 amp CB	Hours run meters Modulating (via burner)

Hydraulics	
Water content ltrs	617
Resistance @11°C mbar	47.53
Resistance @20°C mbar	14.4
Nom flow rate @11°C l/s	16.37
Nom flow rate @20°C l/s	9.01
Min flow rate l/s : #	3.98
Max op press bar	As per technical manual
Test press bar	As per assembly manual
Min return temp °C	50
Connection size (weld) mm	140
Std operating temp °C	80
Max operating temp °C	90
High limit set point °C	110

Electrical	
Voltage	230.1.50
Fuse rating	10 Amp circuit breaker

Note: 1ph burners obtain their power supply via the boiler. 3ph burners require a 3ph supply + a 1ph to the boiler

Quick reference specification sheet, full details can be found in the P520 series installation/service guide. General details: Corrosion resistant cast iron sectional boiler, jointed by conical nipples and ceramic rope, designed with three passes for high efficiency and low NO^x emission. Large insulated door (hinged left or right) allowing easy access for cleaning. Powder coated enamel steel casing c/w fibreglass insulation. All of the P520 boiler range are supplied unassembled for delivery to site. CE approved. Boiler efficiency data to 92/42-EEC.

(1) Boiler at full output average temperature 80/30ºC (70ºC mean)
(2) With boiler temperature: 80ºC and ambient temperature: 20ºC
(3) 70ºC mean temperature
*Maintenance consumption refer to boiler installation/service manual
Based delta tof 45°C between the boiler and the room temperature
@12 bar pump pressure