

<b>No :</b>	<b>P200-4</b>
<b>Issue Date :</b>	<b>JULY 2002</b>



## TECHNICAL SPECIFICATION SHEET

**MODEL : P200**

**No of SECTIONS : 4**

### General Details

Corrosion resistant cast iron sectional boiler, jointed by conical nipples and ceramic rope, designed with three passes for max efficiency and min Nox production, large insulated door (hinged left or right) allowing easy access for cleaning. Water cooled base and back sections.

Powder coated enamel steel casing c/w glass fibre insulation.

Supplied broken down for delivery. **Note:** 4-7 section units can be delivered pre-assembled.

Manufactured to ISO 9001. CE approved.

<b>Rated Output kW :</b>	59	<b>Efficiency % GCV :</b>	83
<b>Weight (dry) kgs :</b>	365	<b>Casing Colour BS No.</b>	RAL2002
<b>Overall Dim WxHxD mm :</b>	750x1115x791		
<b>Radiated Losses % :</b>	0.45		

### BURNER TYPE Pressure Jet

<b>Fuel Available :</b>	Gas - Cu M/hr	Oil - kgs/hr	Dual Fuel
<b>Fuel Consumption :</b>	6.79	5.5	
<b>Noise levels dB(A) :</b>	70 – 90		
<b>Min Op Gas Press mbar :</b>	17		

### HYDRAULICS

<b>Water Content ltrs :</b>	24	<b>Min Return Temp °C</b>	45
<b>Resist @ 10°C Δt mbar :</b>	9	<b>Connection Size "BSPM:</b>	1½
<b>Nom Flow Rate @ 11 °C Δt l/s :</b>	1.28	<b>Std Operating Temp °C :</b>	80
<b>Shunt Flow Rate l/s :</b>	30% of Nom	<b>Max Operating Temp °C :</b>	95
<b>Min Flow Rate l/s :</b>	0.23#	<b>High Limit Set Point °C :</b>	110
<b>Max Op Press bars :</b>	6		
<b>Test Press bar :</b>	12		

# Min flow required for 5 minutes after shutting down to prevent high limit stat operating

### FLUE

<b>Diameter mm :</b>	150	<b>Flue Gas Vol Cu M/h :</b>	69
<b>Flue Type :</b>	Conventional	<b>Flue Gas Flow kgs/hr :</b>	103
<b>Chamber Resist. mbar :</b>	0.1		

### ELECTRICAL Boiler Burner

<b>Voltage :</b>	230.1.50	<b>Voltage :</b>	<b>1ph</b>	<b>3ph</b>
<b>Fuse rating amps :</b>	6	<b>Fuse rating amps :</b>	6.0	n/a
		<b>Run Current amps :</b>	0.6	n/a
		<b>Start Current amps :</b>	1.0	n/a

### CONTROL OPERATION

<b>Standard :</b>	On / Off Thermostat	Hours Run Meter	L/O lamp
	High limit Thermostat	Temperature indication	On off switch
<b>Optional :</b>	High / Low	Hours Run Meter	BMS Contacts
	Modulating	Rematic compensator	

<b>No :</b>	<b>P200-5</b>
<b>Issue Date :</b>	<b>JULY 2002</b>



## TECHNICAL SPECIFICATION SHEET

**MODEL : P200**

**No of SECTIONS : 5**

### General Details

Corrosion resistant cast iron sectional boiler, jointed by conical nipples and ceramic rope, designed with three passes for max efficiency and min Nox production, large insulated door (hinged left or right) allowing easy access for cleaning. Water cooled base and back sections.

Powder coated enamel steel casing c/w glass fibre insulation.

Supplied broken down for delivery. **Note:** 4-7 section units can be delivered pre-assembled.

Manufactured to ISO 9001. CE approved.

<b>Rated Output kW :</b>	93	<b>Efficiency % GCV :</b>	83
<b>Weight (dry) kgs :</b>	425	<b>Casing Colour BS No.</b>	RAL2002
<b>Overall Dim WxHxD mm :</b>	750x1115x917		
<b>Radiated Losses % :</b>	0.45		

### BURNER TYPE Pressure Jet

<b>Fuel Available :</b>	Gas – Cu M/hr	Oil - kgs/hr	Dual Fuel
<b>Fuel Consumption :</b>	10.6	8.6	
<b>Noise levels dB(A) :</b>	70 – 90		
<b>Min Op Gas Press mbar :</b>	17		

### HYDRAULICS

<b>Water Content ltrs :</b>	29	<b>Min Return Temp °C</b>	45
<b>Resist @ 10°C Δt mbar :</b>	22	<b>Connection Size "BSPM:</b>	1½
<b>Nom Flow Rate @ 11 °C Δt l/s :</b>	2.02	<b>Std Operating Temp °C :</b>	80
<b>Shunt Flow Rate l/s :</b>	30% of Nom	<b>Max Operating Temp °C :</b>	95
<b>Min Flow Rate l/s :</b>	0.37#	<b>High Limit Set Point °C :</b>	110
<b>Max Op Press bars :</b>	6		
<b>Test Press bar :</b>	12		

# Min flow required for 5 minutes after shutting down to prevent high limit stat operating

### FLUE

<b>Diameter mm :</b>	150	<b>Flue Gas Vol Cu M/h :</b>	107
<b>Flue Type :</b>	Conventional	<b>Flue Gas Flow kgs/hr :</b>	161
<b>Chamber Resist. mbar :</b>	0.3		

### ELECTRICAL Boiler Burner

<b>Voltage :</b>	230.1.50	<b>Voltage :</b>	<b>1ph</b>	<b>3ph</b>
<b>Fuse rating amps :</b>	6	<b>Fuse rating amps :</b>	6.0	n/a
		<b>Run Current amps :</b>	0.6	n/a
		<b>Start Current amps :</b>	1.0	n/a

### CONTROL OPERATION

<b>Standard :</b>	On / Off Thermostat	Hours Run Meter	L/O lamp
	High limit Thermostat	Temperature indication	On off switch
<b>Optional :</b>	High / Low	Hours Run Meter	BMS Contacts
	Modulating	Rematic compensator	

<b>No :</b>	<b>P200-6</b>
<b>Issue Date :</b>	<b>JULY 2002</b>



## TECHNICAL SPECIFICATION SHEET

**MODEL : P200**

**No of SECTIONS : 6**

### General Details

Corrosion resistant cast iron sectional boiler, jointed by conical nipples and ceramic rope, designed with three passes for max efficiency and min Nox production, large insulated door (hinged left or right) allowing easy access for cleaning. Water cooled base and back sections.

Powder coated enamel steel casing c/w glass fibre insulation.

Supplied broken down for delivery. **Note:** 4-7 section units can be delivered pre-assembled.

Manufactured to ISO 9001. CE approved.

<b>Rated Output kW :</b>	117	<b>Efficiency % GCV :</b>	83
<b>Weight (dry) kgs :</b>	485	<b>Casing Colour BS No.</b>	RAL2002
<b>Overall Dim WxHxD mm :</b>	750x1115x1044		
<b>Radiated Losses % :</b>	0.45		

### BURNER TYPE Pressure Jet

<b>Fuel Available :</b>	Gas – Cu M/hr	<b>Oil - kgs/hr</b>	Dual Fuel
<b>Fuel Consumption :</b>	13.3	10.8	
<b>Noise levels dB(A) :</b>	70 – 90		
<b>Min Op Gas Press mbar :</b>	17		

### HYDRAULICS

<b>Water Content ltrs :</b>	34	<b>Min Return Temp °C</b>	45
<b>Resist @ 10°C Δt mbar :</b>	34	<b>Connection Size "BSPM:</b>	1½
<b>Nom Flow Rate @ 11 °C Δt l/s :</b>	2.54	<b>Std Operating Temp °C :</b>	80
<b>Shunt Flow Rate l/s :</b>	30% of Nom	<b>Max Operating Temp °C :</b>	95
<b>Min Flow Rate l/s :</b>	0.47#	<b>High Limit Set Point °C :</b>	110
<b>Max Op Press bars :</b>	6		
<b>Test Press bar :</b>	12		

# Min flow required for 5 minutes after shutting down to prevent high limit stat operating

### FLUE

<b>Diameter mm :</b>	150	<b>Flue Gas Vol Cu M/h :</b>	134
<b>Flue Type :</b>	Conventional	<b>Flue Gas Flow kgs/hr :</b>	201
<b>Chamber Resist. mbar :</b>	0.6		

### ELECTRICAL Boiler Burner

<b>Voltage :</b>	230.1.50	<b>Voltage :</b>	<b>1ph</b>	<b>3ph</b>
<b>Fuse rating amps :</b>	6	<b>Fuse rating amps :</b>	6.0	n/a
		<b>Run Current amps :</b>	0.6	n/a
		<b>Start Current amps :</b>	1.0	n/a

### CONTROL OPERATION

<b>Standard :</b>	On / Off Thermostat	Hours Run Meter	L/O lamp
	High limit Thermostat	Temperature indication	On off switch
<b>Optional :</b>	High / Low	Hours Run Meter	BMS Contacts
	Modulating	Rematic compensator	

<b>No :</b>	<b>P200-7</b>
<b>Issue Date :</b>	<b>JULY 2002</b>



## TECHNICAL SPECIFICATION SHEET

**MODEL : P200**

**No of SECTIONS : 7**

### General Details

Corrosion resistant cast iron sectional boiler, jointed by conical nipples and ceramic rope, designed with three passes for max efficiency and min Nox production, large insulated door (hinged left or right) allowing easy access for cleaning. Water cooled base and back sections.

Powder coated enamel steel casing c/w glass fibre insulation.

Supplied broken down for delivery. **Note:** 4-7 section units can be delivered pre-assembled.

Manufactured to ISO 9001. CE approved.

<b>Rated Output kW :</b>	141	<b>Efficiency % GCV :</b>	83
<b>Weight (dry) kgs :</b>	545	<b>Casing Colour BS No.</b>	RAL2002
<b>Overall Dim WxHxD mm :</b>	750x1115x1170		
<b>Radiated Losses % :</b>	0.45		

### BURNER TYPE Pressure Jet

<b>Fuel Available :</b>	Gas – Cu M/hr	<b>Oil - kgs/hr</b>	Dual Fuel
<b>Fuel Consumption :</b>	16	12.9	
<b>Noise levels dB(A) :</b>	70 – 90		
<b>Min Op Gas Press mbar :</b>	17		

### HYDRAULICS

<b>Water Content ltrs :</b>	39	<b>Min Return Temp °C</b>	45
<b>Resist @ 10°C Δt mbar :</b>	48	<b>Connection Size "BSPM:</b>	1½
<b>Nom Flow Rate @ 11 °C Δt l/s :</b>	3.07	<b>Std Operating Temp °C :</b>	80
<b>Shunt Flow Rate l/s :</b>	30% of Nom	<b>Max Operating Temp °C :</b>	95
<b>Min Flow Rate l/s :</b>	0.56#	<b>High Limit Set Point °C :</b>	110
<b>Max Op Press bars :</b>	6		
<b>Test Press bar :</b>	12		

# Min flow required for 5 minutes after shutting down to prevent high limit stat operating

### FLUE

<b>Diameter mm :</b>	150	<b>Flue Gas Vol Cu M/h :</b>	161
<b>Flue Type :</b>	Conventional	<b>Flue Gas Flow kgs/hr :</b>	242
<b>Chamber Resist. mbar :</b>	1.0		

### ELECTRICAL Boiler Burner

<b>Voltage :</b>	230.1.50	<b>Voltage :</b>	<b>1ph</b>	<b>3ph</b>
<b>Fuse rating amps :</b>	6	<b>Fuse rating amps :</b>	10	N/a
		<b>Run Current amps :</b>	1.7	N/a
		<b>Start Current amps :</b>	7	N/a

### CONTROL OPERATION

<b>Standard :</b>	On / Off Thermostat	Hours Run Meter	L/O lamp
	High limit Thermostat	Temperature indication	On off switch
<b>Optional :</b>	High / Low	Hours Run Meter	BMS Contacts
	Modulating	Rematic compensator	

<b>No :</b>	<b>P200-8</b>
<b>Issue Date :</b>	<b>JULY 2002</b>



## TECHNICAL SPECIFICATION SHEET

**MODEL : P200**

**No of SECTIONS : 8**

### General Details

Corrosion resistant cast iron sectional boiler, jointed by conical nipples and ceramic rope, designed with three passes for max efficiency and min Nox production, large insulated door (hinged left or right) allowing easy access for cleaning. Water cooled base and back sections.

Powder coated enamel steel casing c/w glass fibre insulation.

Supplied broken down for delivery. **Note:** 4-7 section units can be delivered pre-assembled.

Manufactured to ISO 9001. CE approved.

<b>Rated Output kW :</b>	165	<b>Efficiency % GCV :</b>	83
<b>Weight (dry) kgs :</b>	605	<b>Casing Colour BS No.</b>	RAL2002
<b>Overall Dim WxHxD mm :</b>	750x1115x1297		
<b>Radiated Losses % :</b>	0.45		

### BURNER TYPE Pressure Jet

<b>Fuel Available :</b>	Gas – Cu M/hr	<b>Oil - kgs/hr</b>	Dual Fuel
<b>Fuel Consumption :</b>	18.69	15.1	
<b>Noise levels dB(A) :</b>	70 – 90		
<b>Min Op Gas Press mbar :</b>	17		

### HYDRAULICS

<b>Water Content ltrs :</b>	44	<b>Min Return Temp °C</b>	45
<b>Resist @ 10°C Δt mbar :</b>	67	<b>Connection Size "BSPM:</b>	2
<b>Nom Flow Rate@ 11 °C Δt l/s :</b>	3.59	<b>Std Operating Temp °C :</b>	80
<b>Shunt Flow Rate l/s :</b>	30% of Nom	<b>Max Operating Temp °C :</b>	95
<b>Min Flow Rate l/s :</b>	0.66#	<b>High Limit Set Point °C :</b>	110
<b>Max Op Press bars :</b>	6		
<b>Test Press bar :</b>	12		

# Min flow required for 5 minutes after shutting down to prevent high limit stat operating

### FLUE

<b>Diameter mm :</b>	200	<b>Flue Gas Vol Cu M/h :</b>	189
<b>Flue Type :</b>	Conventional	<b>Flue Gas Flow kgs/hr :</b>	282
<b>Chamber Resist. mbar :</b>	1.2		

### ELECTRICAL Boiler Burner

<b>Voltage :</b>	230.1.50	<b>Voltage :</b>	<b>1ph</b>	<b>3ph</b>
<b>Fuse rating amps :</b>	6	<b>Fuse rating amps :</b>	10	N/a
		<b>Run Current amps :</b>	1.7	N/a
		<b>Start Current amps :</b>	15	N/a

### CONTROL OPERATION

<b>Standard :</b>	On / Off Thermostat	Hours Run Meter	L/O lamp
	High limit Thermostat	Temperature indication	On off switch
<b>Optional :</b>	High / Low	Hours Run Meter	BMS Contacts
	Modulating	Rematic compensator	

<b>No :</b>	<b>P200-9</b>
<b>Issue Date :</b>	<b>JULY 2002</b>



## TECHNICAL SPECIFICATION SHEET

**MODEL : P200**

**No of SECTIONS : 9**

### General Details

Corrosion resistant cast iron sectional boiler, jointed by conical nipples and ceramic rope, designed with three passes for max efficiency and min Nox production, large insulated door (hinged left or right) allowing easy access for cleaning. Water cooled base and back sections.

Powder coated enamel steel casing c/w glass fibre insulation.

Supplied broken down for delivery. **Note:** 4-7 section units can be delivered pre-assembled.

Manufactured to ISO 9001. CE approved.

<b>Rated Output kW :</b>	184	<b>Efficiency % GCV :</b>	83
<b>Weight (dry) kgs :</b>	665	<b>Casing Colour BS No.</b>	RAL2002
<b>Overall Dim WxHxD mm :</b>	750x1115x1423		
<b>Radiated Losses % :</b>	0.45		

### BURNER TYPE Pressure Jet

<b>Fuel Available :</b>	Gas - Cu M/hr	Oil - kgs/hr	Dual Fuel
<b>Fuel Consumption :</b>	20.83	16.9	
<b>Noise levels dB(A) :</b>	70 – 90		
<b>Min Op Gas Press mbar :</b>	17		

### HYDRAULICS

<b>Water Content ltrs :</b>	49	<b>Min Return Temp °C</b>	45
<b>Resist @ 10°C Δt mbar :</b>	84	<b>Connection Size "BSPM :</b>	2
<b>Nom Flow Rate@ 11 °C Δt l/s :</b>	4.0	<b>Std Operating Temp °C :</b>	80
<b>Shunt Flow Rate l/s :</b>	30% of Nom	<b>Max Operating Temp °C :</b>	95
<b>Min Flow Rate l/s :</b>	0.73#	<b>High Limit Set Point °C :</b>	110
<b>Max Op Press bars :</b>	6		
<b>Test Press bar :</b>	12		

# Min flow required for 5 minutes after shutting down to prevent high limit stat operating

### FLUE

<b>Diameter mm :</b>	200	<b>Flue Gas Vol Cu M/h :</b>	210
<b>Flue Type :</b>	Conventional	<b>Flue Gas Flow kgs/hr :</b>	315
<b>Chamber Resist. mbar :</b>	1.6		

### ELECTRICAL Boiler Burner

<b>Voltage :</b>	230.1.50	<b>Voltage :</b>	<b>1ph</b>	<b>3ph</b>
<b>Fuse rating amps :</b>	6	<b>Fuse rating amps :</b>	10	N/a
		<b>Run Current amps :</b>	1.7	N/a
		<b>Start Current amps :</b>	15	N/a

### CONTROL OPERATION

<b>Standard :</b>	On / Off Thermostat	Hours Run Meter	L/O lamp
	High limit Thermostat	Temperature indication	On off switch
<b>Optional :</b>	High / Low	Hours Run Meter	BMS Contacts
	Modulating	Rematic compensator	

<b>No :</b>	<b>P200-10</b>
<b>Issue Date :</b>	<b>JULY 2002</b>



## TECHNICAL SPECIFICATION SHEET

**MODEL : P200**

**No of SECTIONS : 10**

### General Details

Corrosion resistant cast iron sectional boiler, jointed by conical nipples and ceramic rope, designed with three passes for max efficiency and min Nox production, large insulated door (hinged left or right) allowing easy access for cleaning. Water cooled base and back sections.

Powder coated enamel steel casing c/w glass fibre insulation.

Supplied broken down for delivery. **Note:** 4-7 section units can be delivered pre-assembled.

Manufactured to ISO 9001. CE approved.

<b>Rated Output kW :</b>	206	<b>Efficiency % GCV :</b>	83
<b>Weight (dry) kgs :</b>	725	<b>Casing Colour BS No.</b>	RAL2002
<b>Overall Dim WxHxD mm :</b>	750x1115x1549		
<b>Radiated Losses % :</b>	0.45		

### BURNER TYPE Pressure Jet

<b>Fuel Available :</b>	Gas – Cu M/hr	<b>Oil - kgs/hr</b>	Dual Fuel
<b>Fuel Consumption :</b>	23.25	18.8	
<b>Noise levels dB(A) :</b>	70 – 90		
<b>Min Op Gas Press mbar :</b>	17		

### HYDRAULICS

<b>Water Content ltrs :</b>	54	<b>Min Return Temp °C</b>	45
<b>Resist @ 10°C Δt mbar :</b>	103	<b>Connection Size "BSPM:</b>	2
<b>Nom Flow Rate @ 11 °C Δt l/s :</b>	4.48	<b>Std Operating Temp °C :</b>	80
<b>Shunt Flow Rate l/s :</b>	30% of Nom	<b>Max Operating Temp °C :</b>	95
<b>Min Flow Rate l/s :</b>	0.82#	<b>High Limit Set Point °C :</b>	110
<b>Max Op Press bars :</b>	6		
<b>Test Press bar :</b>	12		

# Min flow required for 5 minutes after shutting down to prevent high limit stat operating

### FLUE

<b>Diameter mm :</b>	200	<b>Flue Gas Vol Cu M/h :</b>	235
<b>Flue Type :</b>	Conventional	<b>Flue Gas Flow kgs/hr :</b>	351
<b>Chamber Resist. mbar :</b>	1.4		

### ELECTRICAL Boiler Burner

<b>Voltage :</b>	230.1.50	<b>Voltage :</b>	<b>1ph</b>	<b>3ph</b>
<b>Fuse rating amps :</b>	6	<b>Fuse rating amps :</b>	10	N/a
		<b>Run Current amps :</b>	1.7	n/a
		<b>Start Current amps :</b>	15	n/a

### CONTROL OPERATION

<b>Standard :</b>	On / Off Thermostat	Hours Run Meter	L/O lamp
	High limit Thermostat	Temperature indication	On off switch
<b>Optional :</b>	High / Low	Hours Run Meter	BMS Contacts
	Modulating	Rematic compensator	

<b>No :</b>	<b>P200-11</b>
<b>Issue Date :</b>	<b>JULY 2002</b>



## TECHNICAL SPECIFICATION SHEET

**MODEL : P200**

**No of SECTIONS : 11**

### General Details

Corrosion resistant cast iron sectional boiler, jointed by conical nipples and ceramic rope, designed with three passes for max efficiency and min Nox production, large insulated door (hinged left or right) allowing easy access for cleaning. Water cooled base and back sections.

Powder coated enamel steel casing c/w glass fibre insulation.

Supplied broken down for delivery. **Note:** 4-7 section units can be delivered pre-assembled.

Manufactured to ISO 9001. CE approved.

<b>Rated Output kW :</b>	229	<b>Efficiency % GCV :</b>	83
<b>Weight (dry) kgs :</b>	775	<b>Casing Colour BS No.</b>	RAL2002
<b>Overall Dim WxHxD mm :</b>	750x1115x1676		
<b>Radiated Losses % :</b>	0.45		

### BURNER TYPE Pressure Jet

<b>Fuel Available :</b>	Gas – Cu M/hr	<b>Oil - kgs/hr</b>	Dual Fuel
<b>Fuel Consumption :</b>	25.85	21	
<b>Noise levels dB(A) :</b>	70 – 90		
<b>Min Op Gas Press mbar :</b>	17		

### HYDRAULICS

<b>Water Content ltrs :</b>	59	<b>Min Return Temp °C</b>	45
<b>Resist @ 10°C Δt mbar :</b>	127	<b>Connection Size "BSPM:</b>	2
<b>Nom Flow Rate @ 11 °C Δt l/s :</b>	4.98	<b>Std Operating Temp °C :</b>	80
<b>Shunt Flow Rate l/s :</b>	30% of Nom	<b>Max Operating Temp °C :</b>	95
<b>Min Flow Rate l/s :</b>	0.91#	<b>High Limit Set Point °C :</b>	110
<b>Max Op Press bars :</b>	6		
<b>Test Press bar :</b>	12		

# Min flow required for 5 minutes after shutting down to prevent high limit stat operating

### FLUE

<b>Diameter mm :</b>	200	<b>Flue Gas Vol Cu M/h :</b>	281
<b>Flue Type :</b>	Conventional	<b>Flue Gas Flow kgs/hr :</b>	391
<b>Chamber Resist. mbar :</b>	1.8		

### ELECTRICAL Boiler Burner

<b>Voltage :</b>	230.1.50	<b>Voltage :</b>	<b>1ph</b>	<b>3ph</b>
<b>Fuse rating amps :</b>	6	<b>Fuse rating amps :</b>	10	N/a
		<b>Run Current amps :</b>	3.1	N/a
		<b>Start Current amps :</b>	15	N/a

### CONTROL OPERATION

<b>Standard :</b>	On / Off Thermostat	Hours Run Meter	L/O lamp
	High limit Thermostat	Temperature indication	On off switch
<b>Optional :</b>	High / Low	Hours Run Meter	BMS Contacts
	Modulating	Rematic compensator	



<b>No :</b>	<b>P200-12</b>
<b>Issue Date :</b>	<b>SEPT 2001</b>



## TECHNICAL SPECIFICATION SHEET

**MODEL : P200**

**No of SECTIONS : 12**

### General Details

Corrosion resistant cast iron sectional boiler, jointed by conical nipples and ceramic rope, designed with three passes for max efficiency and min Nox production, large insulated door (hinged left or right) allowing easy access for cleaning. Water cooled base and back sections.

Powder coated enamel steel casing c/w glass fibre insulation.

Supplied broken down for delivery. **Note:** 4-7 section units can be delivered pre-assembled.

Manufactured to ISO 9001. CE approved.

<b>Rated Output kW :</b>	256	<b>Efficiency % GCV :</b>	83
<b>Weight (dry) kgs :</b>	835	<b>Casing Colour BS No.</b>	RAL2002
<b>Overall Dim WxHxD mm :</b>	750x1115x1802		
<b>Radiated Losses % :</b>	0.45		

### BURNER TYPE Pressure Jet

<b>Fuel Available :</b>	Gas – Cu M/hr	<b>Oil - kgs/hr</b>	Dual Fuel
<b>Fuel Consumption :</b>	28.74	23	
<b>Noise levels dB(A) :</b>	70 – 90		
<b>Min Op Gas Press mbar :</b>	17		

### HYDRAULICS

<b>Water Content ltrs :</b>	64	<b>Min Return Temp °C</b>	45
<b>Resist @ 10°C Δt mbar :</b>	158	<b>Connection Size "BSPM:</b>	2
<b>Nom Flow Rate @ 11 °C Δt l/s :</b>	5.57	<b>Std Operating Temp °C :</b>	80
<b>Shunt Flow Rate l/s :</b>	30% of Nom	<b>Max Operating Temp °C :</b>	95
<b>Min Flow Rate l/s :</b>	1.02#	<b>High Limit Set Point °C :</b>	110
<b>Max Op Press bars :</b>	6		
<b>Test Press bar :</b>	12		

# Min flow required for 5 minutes after shutting down to prevent high limit stat operating

### FLUE

<b>Diameter mm :</b>	200	<b>Flue Gas Vol Cu M/h :</b>	290
<b>Flue Type :</b>	Conventional	<b>Flue Gas Flow kgs/hr :</b>	434
<b>Chamber Resist. mbar :</b>	2.1		

### ELECTRICAL Boiler Burner

<b>Voltage :</b>	230.1.50	<b>Voltage :</b>	<b>1ph</b>	<b>3ph</b>
<b>Fuse rating amps :</b>	6	<b>Fuse rating amps :</b>	10	N/a
		<b>Run Current amps :</b>	3.1	N/a
		<b>Start Current amps :</b>	15	N/a

### CONTROL OPERATION

<b>Standard :</b>	On / Off Thermostat	Hours Run Meter	L/O lamp
	High limit Thermostat	Temperature indication	On off switch
<b>Optional :</b>	High / Low	Hours Run Meter	BMS Contacts
	Modulating	Rematic compensator	