

BOILER REFERENCE		B01	B02
DESIGN INFORMATION	System	LTHW	
	No off.	3	1
	Equipment Description	Vertical Boiler (Three high Modules)	Wall Hung Boiler
	Output	1,050 kW	92 kW
	Working Pressure (bar)	6.0 bar	2.0 bar
	Test Pressure (bar)		
	Flow Temperature (deg C)	80 degC	80 degC
	Return Temperature (deg C)	60 degC	60 degC
	Water Flow Rate (l/s)	12.56 l/s	0.97 l/s
	Flow And Return Connections (mm)	200 mm	25 mm
	Water Pressure Drop (kPa)	34 kPa	
	Gas Consumption	103 m3/h	10 m3/h
	Gas Connection	65 mm	22 mm
	Flue Gas Volume (m3/hr)	1,350 m3/hr	150 m3/hr
	Flue Gas Temp (deg C)	65 degC	65 degC
	Fuel	Gas	Gas
	Construction	Aluminium	Aluminium
	Burner	Direct lit	Direct lit
	Standing Losses (%)	Part L	Part L
	NOx (mg/kWhr)	<40 mg/kWh	<37 mg/kWh
	Efficiency @ Max Load (%) ncv	97%	96%
	Efficiency @ 30% Load (%) ncv		
	Efficiency @ Max Load (%) gcv		
	Condensate	To local drain	To local drain
	Flue	Conventional 250mm diameter connect to 300mm rising flue	C53 room sealed flue terminal kit
	Controls	Integral sequence controls and frost stat	Integral with enable from MCC3
Water Treatment Requirements	Treated water only: 7 to 8.5 pH (treated) < 800 µs/cm at 25°C NOT softened water	Treated water only: 7 to 8.5 pH (treated) < 800 µs/cm at 25°C NOT softened water	
Comments	Only allow water treatment specialist to fill with water. C/W pipework & flue manifold	Only allow water treatment specialist to fill with water	
MAINTENANCE DATA	CI/Sfb No	56.15 080	56.15 080
	Maintenance Status	H&S	H&S
	Task Sheet No		
	Task Sheet Comments		
INSTALLATION DATA	Manufacturers Name	Hamworthy	Hamworthy
	Model /Type	Fleet: F350V-1050	Fleet: F100W
	Weight (dry)	908 kg	105 kg
	Dimensions (L x W x H)	1145 x 700 x 2040	470 x 540 x 930
	Burner Type	Fully modulating pre-mix burner	Fully modulating pre-mix burner
	Installation Date	2014	2014
	Life Expectancy (yrs)	15 years	15 years
	Initial Value (£)		
LOCATION	Building Name	Example Name	Example Name
	Building Reference	Example Reference	Example Reference
	Floor	Ground	Ground
	Grid Ref (x-y) coord		
	Room Name	Process Boiler Room	Office Boiler Room
ELECTRICAL DATA	Electricity Supply	230V 1Ph 50Hz	230V 1Ph 50Hz
	Power (W)	4,500 W	450 W
	Starting Current	8.5 amps	2.1 amps
	FLC (amps)	6.0 amps	1.0 amps