

11. TECHNICAL DATA

GENERAL	NOMINAL HEAT OUTPUT	100kW
	ELECTRICAL SUPPLY	230VOLT 1 PHASE 50 Hz
	FLUE DIAMETER	178 MM
	HEIGHT	1797mm
	WIDTH	1375mm
	LENGTH	2030mm
	MAX. RUNNING CURRENT	12A
	FUSE SIZE	16A
	WEIGHT (EMPTY)	970kg
	NOMINAL WORKING PRESSURE	3 bar
	OUTLET CONNECTIONS	1" Storz
	MAXIMUM WORKING PRESSURE	3 bar
	NOMINAL WORKING PRESSURE	2 bar
	OIL INLET CONNECTION	Rectus
	OIL INLET	TIGER LOOP C/W FILTER
	IP RATING	IP 44
PRIMARY SYSTEM	BOILER	FERROLI GN2-06N 108kW
	BURNER	RIELLO R40 G20 ON/OFF
	PRESSURE VESSEL	50 LTR
	PRIMARY PUMP	GRUNDFOSS UPS 32/50
	FLOW RATE	2.2l/s
	DIVERTER VALVE	HONEYWELL 28MM 3 WAY
	PRESSURE RELIEF VALVE	3 bar WITH GAUGE
HOT WATER SYSTEM	HEAT EXCHANGER	FLAT PLATE
	HOT WATER PUMP	GRUNDFOSS 15-50
	FLOW RATE	0.43 l/s
	SYSTEM TEMPERATURE	55 °C
HEATING SYSTEM	HEAT EXCHANGER	FLAT PLATE
	HEATING PUMP	EBARA 1.5kW 2880 RPM
	FLOW RATE	2.2 l/s
	SYSTEM TEMPERATURE	85 °C
	PRESSURE VESSEL	110 LTR
	LOW PRESSURE SWITCH	0.2 - 4 bar
	PRESSURE RELIEF VALVE	3 bar WITH GAUGE
	WATER FILTER	1 1/2" BSP 'Y' STRAINER
CONSTRUCTION	FRAME	WELDED STEEL
	FINISH	POWDER COATED
	PANELS - INNER	0.7mm GALVANISED
	- OUTER	1.2 mm POWDER COATED
	- INSULATION	40 mm POLYURETHANE

