



PRESSURE VESSEL (50L)

PRIMARY PUMP (2.2 l/sec)

BOILER STAT ON/OFF

BOILER PRESSURE GAUGE

BOILER PRESSURE STAT

BOILER 100 kW FERROLI GN2-07N

BOILER DRAIN PIPE

SECONDARY PUMP (0.7 l/sec)

CENTRAL HEATING SYSTEM

FILL / DRAIN 1/2" BSP C/W HOSE FITTING

PRESSURE VESSEL (110 L) 2 BAR

SECONDARY PUMP (2.2 l/sec)

FLAT PLATE HEAT EXCHANGER

### LEGEND

- BALL VALVE
- PRESSURE RELIEF VALVE
- TEMPERATURE THERMOSTAT
- NON RETURN VALVE
- TEMPERATURE GAUGE
- PRESSURE SENSOR
- PRESSURE GAUGE
- PUMP
- 3 PORT VALVE

**NOTE:**  
 PRIORITY WILL BE GIVEN TO THE HOT WATER CIRCUIT UPON DEMAND, WHEN THE HEATING CIRCUIT IS IN OPERATION.  
 THE UNIT WILL RETURN TO HEATING MODE, WHEN THE DEMAND FOR HOT WATER HAS CEASED.

<b>TITLE</b> MBR 100 HYDRAULIC LAYOUT		<b>DRAWING No:</b> WHL-MBR100-1	
<b>CAD FILE NAME</b>			
<b>DRAWN BY:</b> R. Williams		<b>APPROVED</b>	<b>DATE:</b> 20/10/07
<b>COMMENTS:</b>		<b>No. OF:</b> NA	
<b>PART</b>	<b>NO:</b>		
<b>REVISION</b>	<b>6</b>	<b>SCALE</b> NTS	<b>Dimensions in mm</b>

