

SINGLE STAGE WIRING DIAGRAM WITH CAL9500, CHART RECORDER, 9 VOLT DUAL BATTERY ALARM, 230 VOLT/60/50Hz

The diagram illustrates the electrical connections for a refrigeration system. The central component is the **CAL 9500 CONTROLLER**, which has multiple terminals for power, inputs, and outputs. It is connected to a **POWER RELAY** and a **COMPRESSOR 230 VOLT**. A **FAN 230 VOLT** is also connected to the controller. The system is powered by a **230 VOLT** supply, with lines labeled **L1** (Black), **N** (White), and **GREEN** (Ground). The **ALARM UNIT WITH DUAL 9V BATTERIES** includes an **ALARM & LIGHT** and an **ALARM ON/OFF SWITCH**. The **CHART RECORDER** is connected to the controller. The diagram shows the wiring for the controller's inputs (1-8), outputs (9-12), and remote alarm contacts. The power relay is controlled by the controller's output 12. The compressor is controlled by the power relay's contacts. The fan is controlled by the controller's output 10. The alarm unit is connected to the controller's output 11 and the alarm on/off switch. The chart recorder is connected to the controller's output 8.

