

## WIRING DIAGRAM

**This appliance is equipped with a three pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.**

However, a 120V A.C. power supply is needed for the fan/blower operation.

**Note:**  
4 AA Batteries must be installed into the wall mounted battery holder, however for this unit to operate when power is lost. See battery back up instructions in this manual. The fan will not operate during a power outage.

885 PROFLAME

PILOT

BURNER

BATTERY CONNECTION

SWITCH: SW1

SPARK

FLAME DETECT

BLACK

YELLOW/GREEN

ORANGE

GREEN

BLACK

BROWN

YELLOW

ORANGE

BATTERY HOLDER

PROFLAME 2 IFC CONTROL BOARD

X1

X2

X3

X4

X5

X6

X7

X8

X9

X10

X11

X12

X13

X14

FUSE 3.15A T

ON/OFF

BAT -/+

IP/CP1

APS

EV GND

EV P/M

MOTOR

SPLIT FLOW

USER INTERFACE

FAN

COMFORT LAMP COMBUSTION

DIAGNOSTIC INTERFACE

AUX

RED

BLACK

YELLOW

YELLOW

WHITE

BLACK

FAN

GREEN

BLACK

BLACK

MAIN LINE

40 | Regency Ultimate™ U900E Gas Fireplace