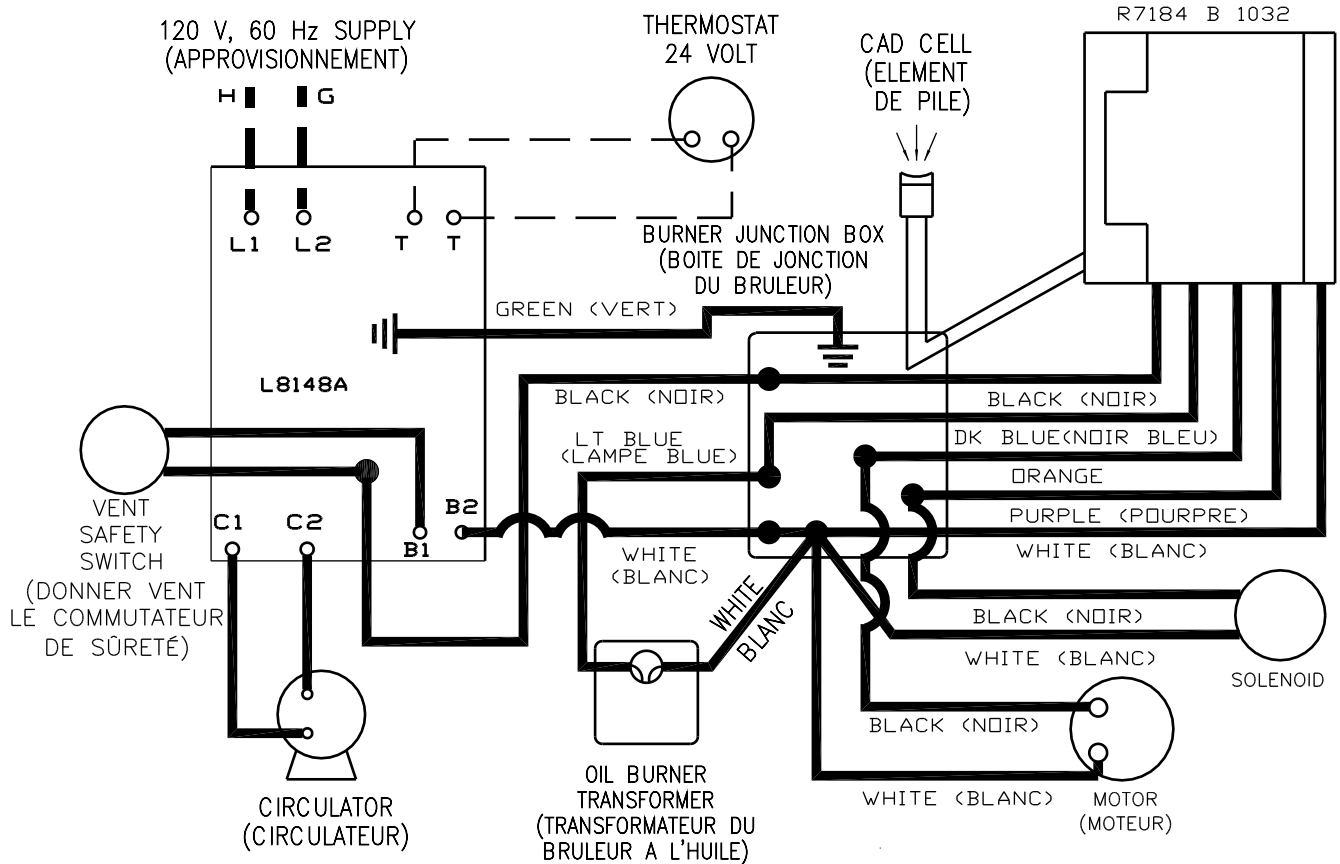


OBC BOILER ADDENDUM

Wiring Diagrams and Component Coding

Standard wiring for an oil boiler utilizing UT901C, UT902C, UT904C, UT 906C, UT1401C or UT1801 burner with R7184B 1032 Primary Control without a tankless heater.



COMPONENT CODING (NOT ALL COMPONENTS LISTED ARE USED IN ALL CONTROL SYSTEMS)

TH-1	THERMOSTAT (MILLIVOLT)
TH-2	THERMOSTAT (24 VOLT)
TH-3	THERMOSTAT (LINE VOLTAGE)
TR-1	TRANSFORMER (120V/24V 40VA)
TR-2	TRANSFORMER (120V/24V 50VA)
MGV	MILLIVOLT GAS VALVE
LGV	24 VOLT GAS VALVE
LGV-1	24 VOLT GAS VALVE
PS	PRESSURE SWITCH
MR-PS	MANUAL RESET PRESSURE SW.
SD	STACK DAMPER
○	CONTROL TERMINAL
1 K	RELAY COIL
1 K1	RELAY CONTACTS
1 K2	RELAY CONTACTS
LS	LIMIT SWITCH
MS	MANUAL SWITCH
CIR	CIRCULATOR
ECO	ENERGY CUT-OFF

LWCO	LOW WATER CUT-OFF
EFW	ELECTRIC WATER FEEDER
PG	POWER GENERATOR
PSC	PILOT SAFETY COIL
●	WIRE CONNECTION

WIRING	
—————	LINE VOLTAGE BY FACTORY
—————	LOW VOLTAGE BY FACTORY
- - - - -	LINE VOLTAGE BY INSTALLER
· · · · ·	LOW VOLTAGE BY INSTALLER

NOTES:

- SWITCHES ARE SHOWN IN POSITION TAKEN DURING THE HEATING CYCLE.
- IF ANY OF THE ORIGINAL WIRING SUPPLIED WITH THE BOILER IS REPLACED, IT MUST BE REPLACED WITH LIKE WIRE, SIZE, AND TYPE OF INSULATION OR EQUIVALENT

Standard wiring for an oil boiler utilizing UT901C, UT902C, UT904C, UT906C, UT1401C or UT1801 burner with R7184B 1032 Primary Control without a tankless heater.

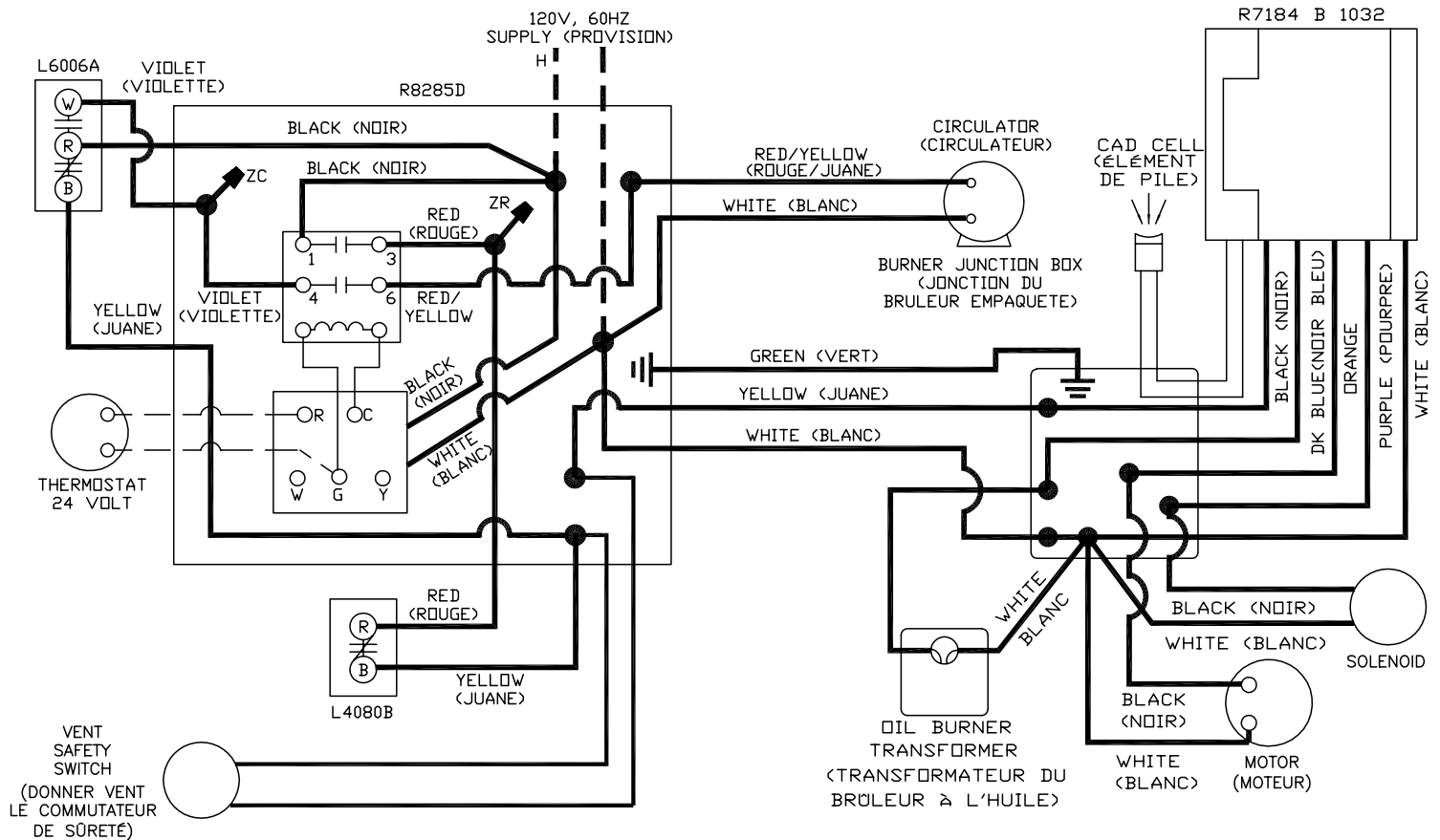
NOTICE: WHEN USING A R845

ZC is to be connected to terminal 1 when using a R845.

ZC est connecté à borne 1 quand utilise un R845

ZR is to be connected to terminal 4 when using a R845.

ZR est connecté à borne 4 quand utilise un R845.



COMPONENT CODING (NOT ALL COMPONENTS LISTED ARE USED IN ALL CONTROL SYSTEMS)

TH-1	THERMOSTAT (MILLIVOLT)
TH-2	THERMOSTAT (24 VOLT)
TH-3	THERMOSTAT (LINE VOLTAGE)
TR-1	TRANSFORMER (120V/24V 40VA)
TR-2	TRANSFORMER (120V/24V 50VA)
MGV	MILLIVOLT GAS VALVE
LGV	24 VOLT GAS VALVE
LGV-1	24 VOLT GAS VALVE
PS	PRESSURE SWITCH
MR-PS	MANUAL RESET PRESSURE SW.
SD	STACK DAMPER
—○—	CONTROL TERMINAL
1 K	RELAY COIL
1 K1	RELAY CONTACTS
1 K2	RELAY CONTACTS
LS	LIMIT SWITCH
MS	MANUAL SWITCH
CIR	CIRCULATOR
ECO	ENERGY CUT-OFF

LWCO	LOW WATER CUT-OFF
EFW	ELECTRIC WATER FEEDER
PG	POWER GENERATOR
PSC	PILOT SAFETY COIL
—●—	WIRE CONNECTION

WIRING

—————	LINE VOLTAGE BY FACTORY
—————	LOW VOLTAGE BY FACTORY
-----	LINE VOLTAGE BY INSTALLER
-----	LOW VOLTAGE BY INSTALLER

NOTES:

- 1) SWITCHES ARE SHOWN IN POSITION TAKEN DURING THE HEATING CYCLE.
- 2) IF ANY OF THE ORIGINAL WIRING SUPPLIED WITH THE BOILER IS REPLACED, IT MUST BE REPLACED WITH LIKE WIRE, SIZE, AND TYPE OF INSULATION OR EQUIVALENT