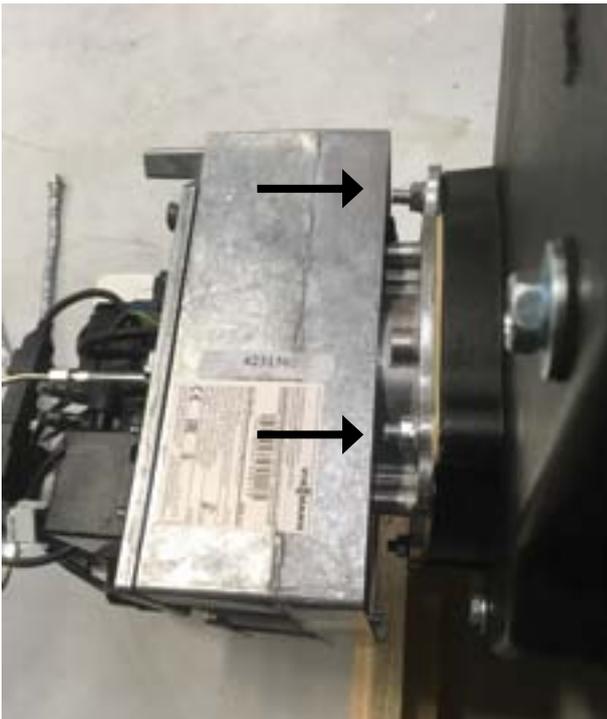


Kerosene Conversion Instructions for Vitorondens 200-T 33kW, 40kW and 50kW

- Isolate power supply and oil supply lines.
- Set the burner into the servicing position as per boiler service manual.
- Clean strainer, filter, fuel lines, and tank and remove water.
- If the appliance is 40kW or 50kW Remove burner flame tube.



- Loosen the 3 nuts securing the burner to the boiler door and carefully withdraw the burner from the boiler.



Kerosene Conversion Instructions for Vitorondens 200-T 33kW, 40kW and 50kW

- Remove the 3 socket head bolts securing the mixing assembly cover to the front of the burner housing and slide the cover off the mixing assembly.



Figure 1 - 40kW and 50kW appliance

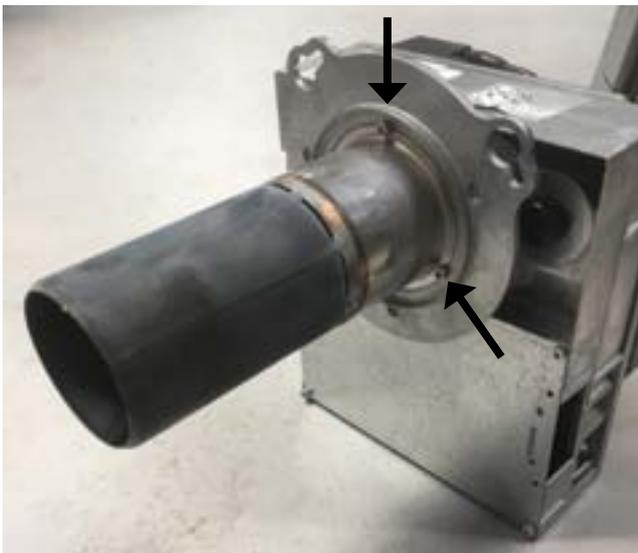


Figure 2- 33kW appliance

Kerosene Conversion Instructions for Vitorondens 200-T 33kW, 40kW and 50kW

- Remove nozzle as per Vitoflame 300 servicing instructions section "Nozzle Replacement" and replace with kerosene nozzle supplied in conversion kit.

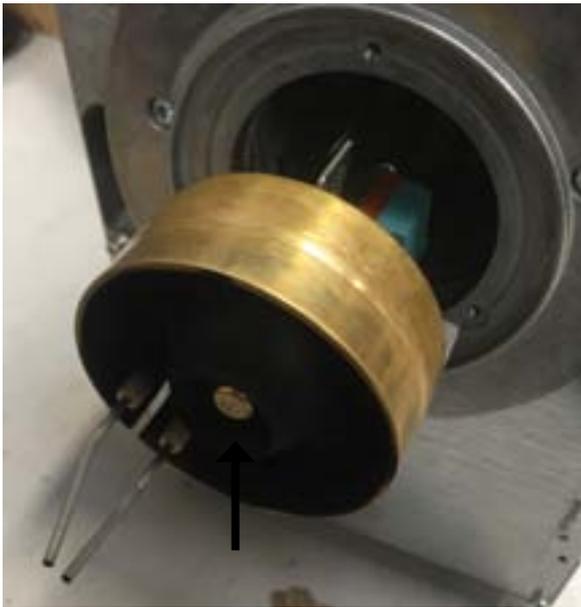


Figure 3 - 40kW and 50kW appliance

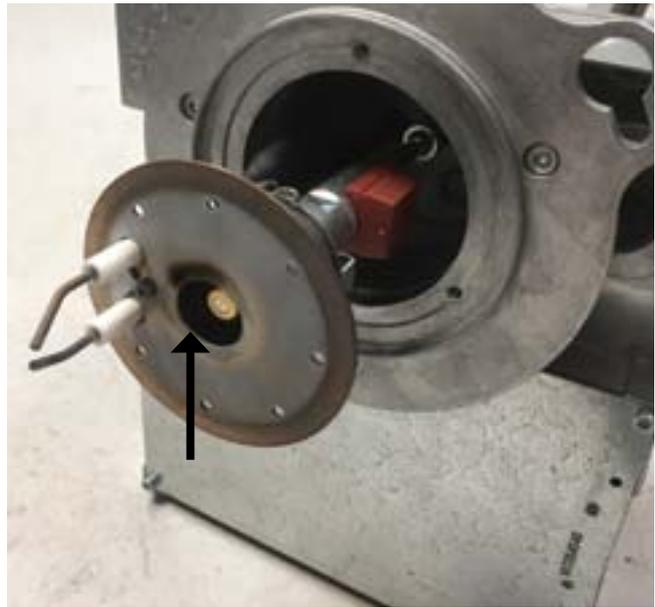
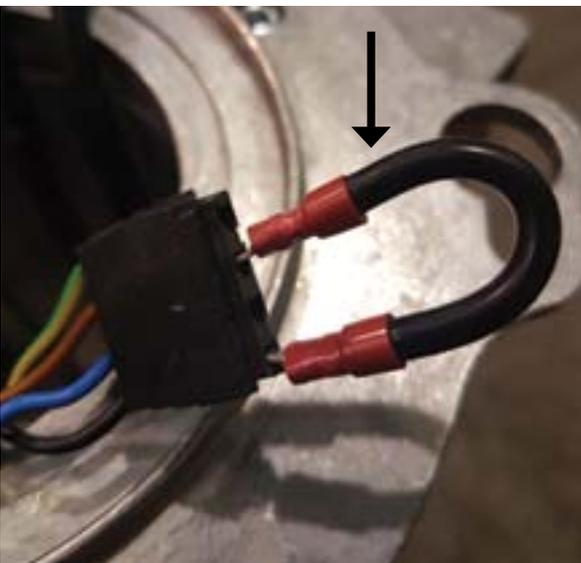


Figure 4 - 33kW appliance

- Carefully disconnect the electrical connection plug from the oil pre-heater and then plug the link wire supplied into the pre-heater cable plug between the brown and black wires.



- Fasten the cable tie supplied in the conversion kit around the end of the electrical supply cable approximately 3 mm from the end of the outer insulation. Cut off the excess cable tie with side cutters.



Kerosene Conversion Instructions for Vitorondens 200-T 33kW, 40kW and 50kW

- Carefully pull the pre-heater cable until the cable tie is positioned against the inside of the sealing grommet and secure the second cable tie supplied around the preheater cable up against the opposite side of the grommet to secure the cable in position.



- Reassemble and reinstall burner into appliance in reverse order of disassembly instructions.
- Check electrode position and electrode spark gap.
- Recommission the burner as per the servicing instructions using the new pump pressures, combustion chamber pressure and initial air setting shown in Kerosene parameter table below.

Appliance	33kW	40kW	50kW
Nozzle	0.85 80°S	1.1 80°S	1.35 80°S
Danfoss part No.	030F8918	030F8922	030F8926
Pump Pressure bar (PSI)	9 (131)	8 (116)	9 (131)
Chamber pressure	11.5	11.3	11.5
CO2	13.6	13.4	13.8
Initial Installation air intake setting		8	